The University of Toledo Research and Sponsored Programs FY 2019 Awards By College and Department

| Proposal # | Public Title |
|---------------|--------------|
| Budget Period | Sponsor(s) |

Arts and Letters, College of

| | show all projects that were active in FY19 new funds, i.e. not reported in a previous | | Cash? | <u>Direct Cost</u> | Indirect Cost | Total Award | Dept Award Credit |
|---|---|--|---------------------------|---------------------------------------|--|-------------|----------------------------------|
| Catharine S. Eberly (| Center for Women | | | | | | |
| N-127163-01 | Global Minority Virtual Business Ce | nter | No | \$301,887 | \$98,113 | \$400,000 | \$0 |
| 9/1/18 to 8/31/19 | Minority Business Development Agen | cy | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Gore, Shanda L. | Catharine S. Eberly Center for Women | | | 0 | | |
| PI/PD | McKether, Willie L. | Sociology and Anthropology, Department of | | | 100 | | |
| | | Sum of Department (Catharine S. Eber | ly Center fo | Women Awar | d Count: 0.00 | | \$0 |
| Economics, Departm | nent of | | | | | | |
| N-127655-01 | Economic Impact Analysis of TCF | | No | \$31,599 | \$3,160 | \$34,759 | \$34,759 |
| 6/1/19 to 6/30/20 | Toledo Community Foundation | | | | | | _ |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Smirnov, Oleg A. | Economics, Department of | | | 100 | | |
| | | , I | | | | | |
| English Department | | Sum of Department (Econor | nics, Depar | ment of) Awar | | | \$34,759 |
| English, Department | of | Sum of Department (Econor | mics, Depar | | | \$25,000 | |
| | | Sum of Department (Econor | • | \$25,000 | rd Count: 1.00 | \$25,000 | |
| N-127562-01 | of Assessment, Accreditation and Fac | Sum of Department (Econor | • | | rd Count: 1.00 | \$25,000 | |
| N-127562-01 3/1/19 to 12/31/20 | of Assessment, Accreditation and Fac Association of Public and Land Grant | Sum of Department (Econorulty Development Universities | • | | rd Count: 1.00 | \$25,000 | \$34,759 \$25,000 |
| N-127562-01 3/1/19 to 12/31/20 Role | of Assessment, Accreditation and Fac Association of Public and Land Grant Name | Sum of Department (Econor ulty Development Universities Department | No | \$25,000 | ************************************** | \$25,000 | |
| N-127562-01 3/1/19 to 12/31/20 Role PI/PD | of Assessment, Accreditation and Fac Association of Public and Land Grant Name | Sum of Department (Econor ulty Development Universities Department English, Department of | No | \$25,000 | \$0 \$0 \$0 <u>% Credit</u> 100 | \$25,000 | \$25,000 |
| N-127562-01 3/1/19 to 12/31/20 Role PI/PD | of Assessment, Accreditation and Fac Association of Public and Land Grant Name Schneider, Barbara J. | Sum of Department (Econor uity Development <i>Universities</i> <u>Department</u> English, Department of Sum of Department (Eng | No | \$25,000 | \$0 \$0 \$0 <u>% Credit</u> 100 | \$25,000 | \$25,000 |
| N-127562-01 3/1/19 to 12/31/20 Role PI/PD Geography and Plan | of Assessment, Accreditation and Fac Association of Public and Land Grant Name Schneider, Barbara J. ning, Department of | Sum of Department (Econor ulty Development Universities Department English, Department of Sum of Department (Engument) | No glish, Depart | \$25,000 | % Credit 100 rd Count: 1.00 | | \$25,000 \$25,000 |
| N-127562-01 3/1/19 to 12/31/20 Role PI/PD Geography and Plan C-124355-03 | of Assessment, Accreditation and Fac Association of Public and Land Grant Name Schneider, Barbara J. ning, Department of Support for the UT Urban Affairs Ce | Sum of Department (Econor ulty Development Universities Department English, Department of Sum of Department (Engument) | No glish, Depart | \$25,000 | % Credit 100 rd Count: 1.00 | | \$25,000 \$25,000 |
| N-127562-01 3/1/19 to 12/31/20 Role PI/PD Geography and Plan C-124355-03 7/1/17 to 6/30/20 | of Assessment, Accreditation and Fac Association of Public and Land Grant Name Schneider, Barbara J. ning, Department of Support for the UT Urban Affairs Ce Ohio Department of Higher Education | Sum of Department (Econor ulty Development Universities Department English, Department of Sum of Department (Engine the control of the cont | No glish, Depart | \$25,000 | % Credit 100 rd Count: 1.00 | | \$25,000 \$25,000 |
| N-127562-01 3/1/19 to 12/31/20 Role PI/PD Geography and Plan C-124355-03 7/1/17 to 6/30/20 Role | of Assessment, Accreditation and Fac Association of Public and Land Grant Name Schneider, Barbara J. ning, Department of Support for the UT Urban Affairs Ce Ohio Department of Higher Education Name | Sum of Department (Econor ulty Development Universities Department English, Department of Sum of Department (Engument of Department) nter Department Geography and Planning, Department of | No glish, Depart | \$25,000 | % Credit 100 d Count: 1.00 sd,546 | | \$25,000 \$25,000 \$50,000 |
| N-127562-01 3/1/19 to 12/31/20 Role PI/PD Geography and Plan C-124355-03 7/1/17 to 6/30/20 Role PI/PD | of Assessment, Accreditation and Fac Association of Public and Land Grant Name Schneider, Barbara J. ning, Department of Support for the UT Urban Affairs Ce Ohio Department of Higher Education Name Shetty, Sujata | Sum of Department (Econor Department (Econor Department Universities Department English, Department of Sum of Department (Engunter Department Geography and Planning, Department of Inter Inter Department of Inter Inter Department Of Inter | No glish, Depart No | \$25,000 ment of) Awar \$45,454 | % Credit 100 rd Count: 1.00 s4,546 % Credit 100 | \$50,000 | \$25,000 \$25,000 \$50,000 |
| N-127562-01 3/1/19 to 12/31/20 Role PI/PD Geography and Plan C-124355-03 7/1/17 to 6/30/20 Role PI/PD C-124355-03-101 | of Assessment, Accreditation and Fac Association of Public and Land Grant Name Schneider, Barbara J. ning, Department of Support for the UT Urban Affairs Ce Ohio Department of Higher Education Name Shetty, Sujata Support for the UT Urban Affairs Ce | Sum of Department (Econor Department (Econor Department Universities Department English, Department of Sum of Department (Engunter Department Geography and Planning, Department of Inter Inter Department of Inter Inter Department Of Inter | No glish, Depart No | \$25,000 ment of) Awar \$45,454 | % Credit 100 rd Count: 1.00 s4,546 % Credit 100 | \$50,000 | \$25,000 \$25,000 |

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Arts and Letters, College of

This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| n-going projects with | new funds, i.e. not reported in a previo | us fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
|--|--|--|--------------|---------------|---------------------------------------|-------------|---------|
| eography and Plan | ning, Department of | | | | | | |
| C-125107-04 | Mission Earth: Fusing GLOBE with Innovation in STEM Education | · | No | \$636,628 | \$302,399 | \$939,027 | \$563,4 |
| 1/4/19 to 1/3/20 | National Aeronautics and Space Adı | | | | | | 1 |
| Role | Name | <u>Department</u> | | | % Credit | | |
| PI/PD | Czajkowski, Kevin Paul | Geography and Planning, Department of | | | 60 | | |
| Co-I | Lipscomb, Glenn | Chemical and Environmental Engineering, Dep | partment of | | 20 | | |
| Co-I | Templin, Mark Arnold | Curriculum and Instruction, Department of | | • | 20 | | |
| C-125107-05 | Mission Earth: Fusing GLOBE with | NASA Assets to Build Systemic | No | \$410,178 | \$194,834 | \$605,012 | \$363,0 |
| 1/4/19 to 1/3/21 | Innovation in STEM Education | ministration | | | | | |
| | National Aeronautics and Space Adr | | | | 0/ 0 17 | | 1 |
| Role | Name | <u>Department</u> | | | % Credit | | |
| PI/PD | Czajkowski, Kevin Paul | Geography and Planning, Department of | | | 60 | | |
| Co-I Co-I | Lipscomb, Glenn | Chemical and Environmental Engineering, Dep | partment of | | 20 20 | | |
| | Templin, Mark Arnold | Curriculum and Instruction, Department of | •• | AT 222 | - | 40.000 | |
| C-125855-02 | Industry Clusters and Location of | • | No | \$5,600 | \$2,400 | \$8,000 | \$8,0 |
| 2/4/40 +- 7/04/40 | Theoretical Base for Economic Dev | | | | | | |
| 8/1/18 to 7/31/19 | U.S. Department of Agriculture throu | | | | | | 1 |
| Role | Name | <u>Department</u> | | | % Credit | | |
| Co-PI | Reid, Neil | Geography and Planning, Department of | | | 100 | | _ |
| N-127175-01 | Addressing Environmental Challer | • | No | \$330,225 | \$16,311 | \$346,536 | \$103,9 |
| | Solutions at the Lake Erie Land-La | ke Interface | | | | | |
| 2/15/19 to 1/31/22 | National Science Foundation | | | | | | , |
| Role Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Refsnider-Streby, Jeanine | Environmental Sciences, Department of | | | 30 | | |
| PI/PD | Refsnider-Streby, Jeanine | Lake Erie Soil and Water Research and Educa | ition Center | | 20 | | |
| Co-PI | Czajkowski, Kevin Paul | Geography and Planning, Department of | | | 30 | | |
| Co-PI | Czajkowski, Kevin Paul | Lake Erie Soil and Water Research and Educa | | | 20 | | |
| N-127189-01 | Engaging Students and Teachers 1 | | No | \$55,601 | \$10,296 | \$65,897 | \$65,8 |
| | Watershed Studies in the Maumee | | | | | | |
| | | \dministration | | | | | _ |
| 1/1/19 to 6/30/20 | National Oceanic and Atmospheric A | เนาแกรแสแบบ | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| | | | | | <u>% Credit</u> 100 | | |
| Role | <u>Name</u> | <u>Department</u> Geography and Planning, Department of | No | \$18,250 | · · · · · · · · · · · · · · · · · · · | \$20,075 | \$20,0 |
| Role PI/PD | <u>Name</u> Czajkowski, Kevin Paul | <u>Department</u> Geography and Planning, Department of | No | \$18,250 | 100 | \$20,075 | \$20,0 |
| Role PI/PD N-127406-01 | Name Czajkowski, Kevin Paul Poverty Study for the City of Toled | <u>Department</u> Geography and Planning, Department of | No | \$18,250 | 100 | \$20,075 | \$20,0 |
| Role PI/PD N-127406-01 3/15/19 to 1/31/20 | Name Czajkowski, Kevin Paul Poverty Study for the City of Toled City of Toledo | <u>Department</u> Geography and Planning, Department of o and Lucas County | No | \$18,250 | 100 \$1,825 | \$20,075 | \$20,0 |

Dept Award

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Arts and Letters, College of

This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| 25299-03 | Study of Early Brain Alterations that PTSD | t Predict Development of Chronic No | \$364,491 | \$142,231 | \$506,722 |
|---------------|--|--|-----------|-----------|-----------|
| 18 to 6/30/19 | National Institute on Mental Health | | | | |
| Role | <u>Name</u> | <u>Department</u> | | % Credit | |
| PI/PD | Wang, Xin | Psychiatry, Department of | | 89 | |
| Co-I | Brickman, Kristopher R. | Surgery, Department of | | | |
| Co-I | Elhai, Jon D. | Psychology, Department of | | | |
| Co-I | Rapport, Daniel J. | Psychiatry, Department of | | | |
| Co-I | Tull, Matthew T. | Psychiatry, Department of | | | |
| Co-I | Xie, Hong | Neurosciences, Department of | | 10 | |
| Co-I | Xu, Kevin Shuai | Electrical Engineering and Computer Science, Department of | | 1 | |
| Stdnt Schol | Christ, Nicole Marie | Psychiatry, Department of | | | |
| Stdnt Schol | Cotton, Andrew Stephen | Psychiatry, Department of | | | |
| Stdnt Schol | Dempsey, Abigail Elizabeth | Psychiatry, Department of | | | |
| Stdnt Schol | Duff, Joseph Robert | Psychiatry, Department of | | | |
| Stdnt Schol | Forbes, Courtney N. | Psychiatry, Department of | | | |
| Stdnt Schol | Grau, Aaron Scott | Psychiatry, Department of | | | |
| Stdnt Schol | Harless, Nicole Ann | Psychiatry, Department of | | | |
| Stdnt Schol | Ickes, Jessica R. | Psychiatry, Department of | | | |
| Stdnt Schol | Lu, Christine | Psychiatry, Department of | | | |
| Stdnt Schol | Lyu, Xin | Psychiatry, Department of | | | |
| Stdnt Schol | Mathews, Jeremy | Psychiatry, Department of | | | |
| Stdnt Schol | McDaniel, Mitchell Andre | Psychiatry, Department of | | | |
| Stdnt Schol | O'Leary, Brian M. | Psychiatry, Department of | | | |
| Stdnt Schol | Radabaugh, Jacob John | Psychiatry, Department of | | | |
| Stdnt Schol | Sood, Ambika | Psychiatry, Department of | | | |
| Stdnt Schol | Walkosz, Macie | Psychiatry, Department of | | | |
| 25299-03-101 | Study of Early Brain Alterations that PTSD | t Predict Development of Chronic No | \$121,497 | \$47,411 | \$168,908 |
| 18 to 6/30/19 | National Institute on Mental Health | | | | |
| Role | <u>Name</u> | <u>Department</u> | | % Credit | |
| PI/PD | Wang, Xin | Psychiatry, Department of | | 89 | |
| Co-I | Brickman, Kristopher R. | Surgery, Department of | | | |
| Co-I | Elhai, Jon D. | Psychology, Department of | | | |
| Co-I | Rapport, Daniel J. | Psychiatry, Department of | | | |
| Co-I | Tull, Matthew T. | Psychiatry, Department of | | | |
| Co-I | Xie, Hong | Neurosciences, Department of | | 10 | |
| Co-I | Xu, Kevin Shuai | Electrical Engineering and Computer Science, Department of | | 1 | |

Dept Award

Credit

Total Award

Direct Cost

Indirect Cost

Cash?

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Arts and Letters, College of

| This report does not show all projects that were active in FY19. | This report shows only new and |
|--|--------------------------------|
| on-going projects with new funds, i.e. not reported in a previous | s fiscal vear. |

| n-going projects with | n new funds, i.e. not reported in a prev | rious fiscal year. | Cash? | Direct Cost | Indirect Cost | <u>Total Award</u> | Credit |
|-----------------------|---|---|----------------|--------------------|------------------------|--------------------|------------|
| Psychology, Departn | nent of | | | | | | |
| C-125763-04 | Implicit Measurement of Motivat | ions for Non-Suicidal Self-Injury | No | \$58,154 | \$0 | \$58,154 | \$58,15 |
| 7/1/18 to 6/30/19 | Canadian Institutes of Health Res | earch through Simon Fraser University | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Gratz, Kim L. | Psychology, Department of | | | 70 | | |
| Co-PI | Tull, Matthew T. | Psychology, Department of | | | 30 | | |
| N-126908-01 | Transactional neurobiological in | fluences on parent-child kindergarten | No | \$49,926 | \$24,713 | \$74,639 | \$74,63 |
| | adjustment | | | | | | |
| 6/1/19 to 12/31/21 | National Institutes of Health throu | gh Miami University (Ohio) | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Gratz, Kim L. | Psychology, Department of | | | 100 | | |
| | | Sum of Department (Psycho | ology, Depart | ment of) Awa | rd Count: 2.00 | | \$132,79 |
| ociology and Anthr | opology, Department of | | | | | | |
| N-127163-01 | Global Minority Virtual Business | Center | No | \$301,887 | \$98,113 | \$400,000 | \$400,00 |
| 9/1/18 to 8/31/19 | Minority Business Development A | gency | | | | | |
| Role | Name_ | Department | | | % Credit | | |
| PI/PD | Gore, Shanda L. | Catharine S. Eberly Center for Women | | | 0 | | |
| PI/PD | McKether, Willie L. | Sociology and Anthropology, Department of | | | 100 | | |
| N-127230-01 | The Student Experience at Unive | ersity of Toledo: Advancing Equity by | No | \$250,000 | \$0 | \$250,000 | \$50,00 |
| | Design | | | | | | |
| 1/1/19 to 8/31/21 | Association of Public and Land G | rant Universities | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Bartell, Denise Susan | Provost, Executive VP Academic Affairs | | | 50 | | |
| Co-I | Berhan, Lesley | Mechanical, Industrial, and Manufacturing Eng | gineering, Dep | partment of | 30 | | |
| Co-I | McKether, Willie L. | Sociology and Anthropology, Department of | | | 20 | | |
| S-125649-01-S1 | Collaborative Research: Research | ch Initiation: Factors Affecting | No | \$16,188 | \$8,013 | \$24,201 | \$7,98 |
| | Underrepresented Minority Stud | ent Success and Pathways to | | | | | |
| | Engineering Careers at Majority | | | | | | |
| 9/1/18 to 9/30/19 | National Science Foundation | · | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Berhan, Lesley | Mechanical, Industrial, and Manufacturing Eng | gineerina. Dei | partment of | 34 | | |
| Co-I | Kumar, Revathy | Educational Foundations and Leadership | 5 5, = -1 | | 33 | | |
| Co-I | McKether, Willie L. | Sociology and Anthropology, Department of | | | 33 | | |
| | | Sum of Department (Sociology and Ar | nthropology, | Departm Awa | rd Count: 1.53 | , _ | \$457,98 |
| | | Sum of College (Arts ar | nd Letters, Co | ollege of) Awa | rd Count: 12.03 | | \$1,874,89 |
| | | 5 (| • | | | | |

Dept Award

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Business And Innovation, College of

| This report does not show all projects that were active in FY19. This report shows only new and | | | | Г | Dept Award |
|--|-------|-------------|---------------|-------------|------------|
| on-going projects with new funds, i.e. not reported in a previous fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |

Dean-Business College

| N-12742 | 24-01 | Fiat Chrysler Workforce Developm | nent No \$ | \$328,551 \$48,19 | 6 \$376,747 | \$263,723 |
|-----------|-----------|----------------------------------|--|------------------------|-------------|-----------|
| 2/1/19 to | o 6/30/19 | U.S. Department of Labor through | Fiat Chrysler America | | | _ |
| | Role Role | <u>Name</u> | <u>Department</u> | % Credit | |] |
| | PI/PD | Kunnathur, Anand S. | Dean-Business College | 70 | | |
| | Co-I | Sundararaghavan, P. S. | Information Operations and Technology Management | 30 | | |
| | | | Sum of Department (Dean-Business Coll e | ege) Award Count: 0.70 | | \$263,723 |

Information Operations and Technology Management

| <u> </u> | <u> </u> | | | | |
|-------------------|----------------------------------|---|-------------------|-----------|-----------|
| N-127424-01 | Fiat Chrysler Workforce Develop | ment No \$328 | ,551 \$48,196 | \$376,747 | \$113,024 |
| 2/1/19 to 6/30/19 | U.S. Department of Labor through | Fiat Chrysler America | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | % Credit | | |
| PI/PD | Kunnathur, Anand S. | Dean-Business College | 70 | | |
| Co-I | Sundararaghavan, P. S. | Information Operations and Technology Management | 30 | | |
| | | Sum of Department (Information Operations and Technolog | Award Count: 0.30 | | \$113,024 |

Management, Department of

| Management, Departi | iletit oi | | | | | | |
|---------------------|-----------------------------|---|-------------|----------------------|--------------------|---------|-----------|
| N-127191-01 | Workforce Engagement Survey | ı | No | \$8,636 | \$864 | \$9,500 | \$9,500 |
| 8/10/18 to 2/28/19 | City of Toledo | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Hopkins, Margaret | Management, Department of | | | 100 | | |
| | | Sum of Department (Management, D | Department | t of) Award 0 | Count: 1.00 | | \$9,500 |
| | | Sum of College (Business And Innovation | on, College | e of) Award (| Count: 2.00 | | \$386,247 |

Education - Judith Herb College of

This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| | | | | Dept Award |
|-------|-------------|---------------|-------------|---------------|
| Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
| | | | | |

Curriculum and Instruction, Department of

| C-125107-04 | Mission Earth: Fusing GLOBE with NASA Assets to Build Systemic No | | No | \$636,628 | \$302,399 | \$939,027 | \$187,805 |
|------------------|---|---|-------|-----------|-----------|-----------|-----------|
| | Innovation in STEM Education | | | | | | |
| 1/4/19 to 1/3/20 | National Aeronautics and Space Ac | <i>Iministration</i> | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Czajkowski, Kevin Paul | Geography and Planning, Department of | | | 60 | | |
| Co-I | Lipscomb, Glenn | Chemical and Environmental Engineering, Departmen | nt of | | 20 | | |
| Co-I | Templin, Mark Arnold | Curriculum and Instruction, Department of | | | 20 | | |

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Education - Judith Herb College of

This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| n-going projects with | new funds, i.e. not reported in a previo | us fiscal year. <u>(</u> | Cash? | Direct Cost | Indirect Cost | | <u>Credit</u> |
|-----------------------|--|--|---------|-------------|----------------|-----------|---------------|
| Curriculum and Instr | uction, Department of | | | | | | |
| C-125107-05 | Mission Earth: Fusing GLOBE with Innovation in STEM Education | | No | \$410,178 | \$194,834 | \$605,012 | \$121,00 |
| 1/4/19 to 1/3/21 | National Aeronautics and Space Adr | ministration | | | | | _ |
| Role | Name | <u>Department</u> | | | % Credit | | |
| PI/PD | Czajkowski, Kevin Paul | Geography and Planning, Department of | | | 60 | | |
| Co-I Co-I | Lipscomb, Glenn Templin, Mark Arnold | Chemical and Environmental Engineering, Departn Curriculum and Instruction, Department of | nent of | | 20 20 | | |
| | • | , 1 | Na | £20C 044 | - | £447.000 | |
| C-125284-04 | Northwest Ohio High Schools That | t work/ lech Prep | No | \$386,944 | \$30,956 | \$417,900 | \$417,90 |
| 7/1/18 to 6/30/19 | Ohio Department of Education | | | | | | 1 |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Wilson, Kathy S. | Curriculum and Instruction, Department of | | | 96 | | |
| Co-I | Landversicht, Eric D. | Curriculum and Instruction, Department of | | | 4 | | |
| C-126050-02 | NURTURES Phase II: Expansion ar | nd Evaluation | No | \$770,671 | \$216,681 | \$987,352 | \$197,47 |
| 8/13/18 to 8/31/21 | National Science Foundation | | | | | | _ |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Czerniak, Charlene M. | Administration, College of Engineering | | | 75 | | |
| Co-PI | Hapgood, Susanna | Curriculum and Instruction, Department of | | | 20 | | |
| Co-PI | Molitor, Scott C. | Bioengineering, Department of | | | 5 | | |
| C-126050-03 | NURTURES Phase II: Expansion ar | nd Evaluation | No | \$212,282 | \$62,833 | \$275,115 | \$55,02 |
| 8/22/18 to 8/31/21 | National Science Foundation | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Czerniak, Charlene M. | Administration, College of Engineering | | | 75 | | |
| Co-PI | Molitor, Scott C. | Bioengineering, Department of | | | 5 | | |
| Co-I | Hapgood, Susanna | Curriculum and Instruction, Department of | | | 20 | | |
| C-126446-02 | Design, Develop, and Pilot Implem | entation of An Integrated Dual | No | \$92,543 | \$7,403 | \$99,946 | \$49,97 |
| | Licensure (Middle Grades and Inte | rvention Specialist) Teacher | | | | | |
| | Education and Master's Degree Pro | • | | | | | |
| 7/1/18 to 6/30/19 | Ohio Deans Compact on Exceptions | al Children through University of Cincinnati | | | | | _ |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Templin, Mark Arnold | Curriculum and Instruction, Department of | | | 25 | | |
| Co-I | Denyer, Jenny | Curriculum and Instruction, Department of | | | 25 | | |
| Co-I | Devlin, Patricia | Early Childhood, Physical, and Special Education | | | 25 | | |
| Co-I | Rosser Sandt, Dawn D'Ann | Early Childhood, Physical, and Special Education | | | 25 | | |
| C-127048-02 | SuccessBound Conference - North | west Ohio Tech Prep | No | \$6,945 | \$555 | \$7,500 | \$7,50 |
| 7/1/18 to 6/30/19 | Ohio Department of Education | | | | | | |
| | | 5 | | | 0/ 0 | | 1 |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | 1 |
| Role PI/PD | <u>Name</u> Wilson, Kathy S. | <u>Department</u> Curriculum and Instruction, Department of | | | % Credit 96 | | |

Dept Award

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Education - Judith Herb College of

This report does **not** show all projects that were active in FY19. This report shows only new and op-going projects with **new** funds, i.e. not reported in a previous fiscal year

| | now all projects that were active in FY19 | | | | | | Dept Award |
|--|---|---|-----------|----------------------|---|----------------------|--------------------|
| n-going projects with i | new funds, i.e. not reported in a previous | s fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
| urriculum and Instru | uction, Department of | | | | | | |
| R-106314-20 | CTE Teacher Preparation and Reten | tion | No | \$100,000 | \$0 | \$100,000 | \$100,00 |
| 7/1/18 to 6/30/19 | U.S. Department of Education through | h Ohio Department of Education | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Landversicht, Eric D. | Curriculum and Instruction, Department of | | | 100 | | |
| R-126554-02 | Tech Prep Pathways Grant | | No | \$317,877 | \$0 | \$317,877 | \$317,87 |
| 7/1/18 to 9/30/19 | Ohio Department of Education | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Wilson, Kathy S. | Curriculum and Instruction, Department of | | | 96 | | |
| Co-I | Landversicht, Eric D. | Curriculum and Instruction, Department of | | | 4 | | |
| | | Sum of Department (Curriculum and Instr | uction, D | epartme Awa | d Count: 5.30 | | \$1,454,55 |
| Childhead Dhy | sical and Cassial Education | | | | | | |
| | sical, and Special Education | una fam tha Chuadamt with | N | ¢45.455 | ** ** ** ** ** ** ** ** | ¢ 50,000 | ¢50.00 |
| C-125940-03 | Project Open House-Better Child Ca Developmental Disabilities | ire for the Student with | No | \$45,455 | \$4,545 | \$50,000 | \$50,00 |
| 1/1/19 to 12/31/19 | • | ies through Ohio Developmental Disabilities Planning | | | | | |
| | Council | ics in ough one bevelopmental bisabilities i failling | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Dinnebeil, Laurie A. | Early Childhood, Physical, and Special Education | | | 50 | | |
| Co-I | McInerney, William F. | Early Childhood, Physical, and Special Education | | | 50 | | |
| C-126446-02 | Design, Develop, and Pilot Impleme | ntation of An Integrated Dual | No | \$92,543 | \$7,403 | \$99,946 | \$49,97 |
| | Licensure (Middle Grades and Interv | · | | | | | |
| | Education and Master's Degree Prog | gram | | | | | |
| 7/1/18 to 6/30/19 | | | | | | | |
| | | Children through University of Cincinnati | | | | | |
| Role | Ohio Deans Compact on Exceptional Name | Children through University of Cincinnati Department | | | % Credit | | |
| Role PI/PD | Ohio Deans Compact on Exceptional Name Templin, Mark Arnold | Children through University of Cincinnati Department Curriculum and Instruction, Department of | | | 25 | | |
| Role PI/PD Co-I | Ohio Deans Compact on Exceptional Name Templin, Mark Arnold Denyer, Jenny | Children through University of Cincinnati Department Curriculum and Instruction, Department of Curriculum and Instruction, Department of | | | 25 25 | | |
| Role PI/PD Co-I Co-I | Ohio Deans Compact on Exceptional Name Templin, Mark Arnold Denyer, Jenny Devlin, Patricia | Children through University of Cincinnati Department Curriculum and Instruction, Department of Curriculum and Instruction, Department of Early Childhood, Physical, and Special Education | | | 25 25 25 | | |
| Role PI/PD Co-I Co-I | Ohio Deans Compact on Exceptional Name Templin, Mark Arnold Denyer, Jenny Devlin, Patricia Rosser Sandt, Dawn D'Ann | Children through University of Cincinnati Department Curriculum and Instruction, Department of Curriculum and Instruction, Department of Early Childhood, Physical, and Special Education Early Childhood, Physical, and Special Education | | | 25 25 25 25 25 | | |
| Role PI/PD Co-I Co-I Co-I | Ohio Deans Compact on Exceptional Name Templin, Mark Arnold Denyer, Jenny Devlin, Patricia Rosser Sandt, Dawn D'Ann Great Start Higher Education (GSHE | Children through University of Cincinnati Department Curriculum and Instruction, Department of Curriculum and Instruction, Department of Early Childhood, Physical, and Special Education Early Childhood, Physical, and Special Education | No | \$138,889 | 25 25 25 | \$150,000 | \$150,00 |
| Role PI/PD Co-I Co-I V-127201-01 1/1/19 to 12/31/19 | Ohio Deans Compact on Exceptional Name Templin, Mark Arnold Denyer, Jenny Devlin, Patricia Rosser Sandt, Dawn D'Ann | Children through University of Cincinnati Department Curriculum and Instruction, Department of Curriculum and Instruction, Department of Early Childhood, Physical, and Special Education Early Childhood, Physical, and Special Education | | \$138,889 | 25 25 25 25 25 \$11,111 | \$150,000 | \$150,00 |
| Role PI/PD Co-I Co-I Co-I N-127201-01 1/1/19 to 12/31/19 Role | Ohio Deans Compact on Exceptional Name Templin, Mark Arnold Denyer, Jenny Devlin, Patricia Rosser Sandt, Dawn D'Ann Great Start Higher Education (GSHE U.S. Department of Education Name | Children through University of Cincinnati Department Curriculum and Instruction, Department of Curriculum and Instruction, Department of Early Childhood, Physical, and Special Education Early Childhood, Physical, and Special Education Early Childhood, Physical, and Special Education Department | | \$138,889 | 25 25 25 25 25 \$11,111 | \$150,000 | \$150,00 |
| Role PI/PD Co-I Co-I Co-I N-127201-01 1/1/19 to 12/31/19 Role PI/PD | Ohio Deans Compact on Exceptional Name Templin, Mark Arnold Denyer, Jenny Devlin, Patricia Rosser Sandt, Dawn D'Ann Great Start Higher Education (GSHE U.S. Department of Education Name Dinnebeil, Laurie A. | Children through University of Cincinnati Department Curriculum and Instruction, Department of Curriculum and Instruction, Department of Early Childhood, Physical, and Special Education Early Childhood, Physical, and Special Education Department Early Childhood, Physical, and Special Education | | \$138,889 | 25 25 25 25 25 \$11,111 | \$150,000 | \$150,00 |
| Role PI/PD Co-I Co-I Co-I 1/1/19 to 12/31/19 Role PI/PD Statistician | Ohio Deans Compact on Exceptional Name Templin, Mark Arnold Denyer, Jenny Devlin, Patricia Rosser Sandt, Dawn D'Ann Great Start Higher Education (GSHE U.S. Department of Education Name Dinnebeil, Laurie A. Fox, Christine | Department Curriculum and Instruction, Department of Curriculum and Instruction, Department of Curriculum and Instruction, Department of Early Childhood, Physical, and Special Education Early Childhood, Physical, and Special Education Department Early Childhood, Physical, and Special Education Educational Foundations and Leadership | No | | 25 25 25 25 \$11,111 <u>% Credit</u> 100 | | |
| Role PI/PD Co-I Co-I Co-I N-127201-01 1/1/19 to 12/31/19 Role PI/PD | Ohio Deans Compact on Exceptional Name Templin, Mark Arnold Denyer, Jenny Devlin, Patricia Rosser Sandt, Dawn D'Ann Great Start Higher Education (GSHE U.S. Department of Education Name Dinnebeil, Laurie A. Fox, Christine Graduate Students' International Inv | Department Curriculum and Instruction, Department of Curriculum and Instruction, Department of Curriculum and Instruction, Department of Early Childhood, Physical, and Special Education Early Childhood, Physical, and Special Education Department Early Childhood, Physical, and Special Education Educational Foundations and Leadership | | \$138,889 \$1,500 | 25 25 25 25 25 \$11,111 | \$150,000 \$1,500 | |
| Role PI/PD Co-I Co-I Co-I N-127201-01 1/1/19 to 12/31/19 Role PI/PD Statistician N-127664-01 | Ohio Deans Compact on Exceptional Name Templin, Mark Arnold Denyer, Jenny Devlin, Patricia Rosser Sandt, Dawn D'Ann Great Start Higher Education (GSHE U.S. Department of Education Name Dinnebeil, Laurie A. Fox, Christine Graduate Students' International Investments Social Responsibility | Department Curriculum and Instruction, Department of Curriculum and Instruction, Department of Curriculum and Instruction, Department of Early Childhood, Physical, and Special Education Early Childhood, Physical, and Special Education Early Childhood, Physical, and Special Education Department Early Childhood, Physical, and Special Education Educational Foundations and Leadership Volvements and Their Orientation | No | | 25 25 25 25 \$11,111 <u>% Credit</u> 100 | | |
| Role PI/PD Co-I Co-I Co-I N-127201-01 1/1/19 to 12/31/19 Role PI/PD Statistician | Ohio Deans Compact on Exceptional Name Templin, Mark Arnold Denyer, Jenny Devlin, Patricia Rosser Sandt, Dawn D'Ann Great Start Higher Education (GSHE U.S. Department of Education Name Dinnebeil, Laurie A. Fox, Christine Graduate Students' International Inv | Department Curriculum and Instruction, Department of Curriculum and Instruction, Department of Curriculum and Instruction, Department of Early Childhood, Physical, and Special Education Early Childhood, Physical, and Special Education Early Childhood, Physical, and Special Education Department Early Childhood, Physical, and Special Education Educational Foundations and Leadership Volvements and Their Orientation | No | | 25 25 25 25 \$11,111 <u>% Credit</u> 100 | | \$150,00 \$1,50 |

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Ludith Harb Callage of

| n-going projects with | new funds, i.e. not reported in a previous | tiscai year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
|--|---|---|-----------|--------------------|-----------------------------------|-------------|------------|
| | | Sum of Department (Early Childhood, Phy | sical, an | d Specia Awa | rd Count: 3.50 | | \$251,473 |
| ducational Foundati N-127201-01 1/1/19 to 12/31/19 | ons and Leadership Great Start Higher Education (GSHE) U.S. Department of Education | | No | \$138,889 | \$11,111 | \$150,000 | |
| Role PI/PD Statistician | <u>Name</u> Dinnebeil, Laurie A. Fox, Christine | <u>Department</u> Early Childhood, Physical, and Special Education Educational Foundations and Leadership | | | <u>% Credit</u> 100 | | |
| S-125649-01-S1 9/1/18 to 9/30/19 | Collaborative Research: Research In Underrepresented Minority Student S Engineering Careers at Majority and National Science Foundation | Success and Pathways to | No | \$16,188 | \$8,013 | \$24,201 | \$7,98 |
| Role PI/PD Co-I Co-I | <u>Name</u> Berhan, Lesley Kumar, Revathy McKether, Willie L. | Department Mechanical, Industrial, and Manufacturing Engined Educational Foundations and Leadership Sociology and Anthropology, Department of | ering, De | partment of | <u>% Credit</u> 34 33 33 | | |
| | | Sum of Department (Educational Foundat | ions and | Leaders Awa | rd Count: 0.33 | | <u> </u> |
| | | Sum of College (Education - Judit | h Herb Co | ollege of) Awa | rd Count: 9 13 | | \$1,714,01 |

Engineering, College of

This report does not show all projects that were active in FY19. This report shows only new and

| n-going projects with | new funds, i.e. not reported in a prev | rious fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
|-----------------------|---|---|-------|-------------|---------------|-------------|-----------|
| Administration, Colle | ege of Engineering | | | | | | |
| C-126050-02 | NURTURES Phase II: Expansion | and Evaluation | No | \$770,671 | \$216,681 | \$987,352 | \$740,514 |
| 8/13/18 to 8/31/21 | National Science Foundation | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | 1 |
| PI/PD | Czerniak, Charlene M. | Administration, College of Engineering | | | 75 | | 1 |
| Co-PI | Hapgood, Susanna | Curriculum and Instruction, Department of | | | 20 | | 1 |
| Co-PI | Molitor, Scott C. | Bioengineering, Department of | | | 5 | | ĺ |
| C-126050-03 | NURTURES Phase II: Expansion | and Evaluation | No | \$212,282 | \$62,833 | \$275,115 | \$206,336 |
| 8/22/18 to 8/31/21 | National Science Foundation | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | 1 |
| PI/PD | Czerniak, Charlene M. | Administration, College of Engineering | | | 75 | | 1 |
| Co-PI | Molitor, Scott C. | Bioengineering, Department of | | | 5 | | 1 |
| Co-I | Hapgood, Susanna | Curriculum and Instruction, Department of | | | 20 | | |

Dept Award

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| n-going projects with r | new funds, i.e. not reported in a previo | ous nood year. | <u>Cash?</u> | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|---|---|---|-------------------|----------------------|---|----------------------|-------------------------|
| dministration, Colleg | je of Engineering | | | | | | |
| N-127865-01 | Dana contract: Vehicle Mechatron | nics Certificate Program | No | \$296,226 | \$22,774 | \$319,000 | \$31,90 |
| 5/25/19 to 12/31/21 | Dana Corporation | | | | | | |
| Role | Name | <u>Department</u> | | | % Credit | | |
| PI/PD | Elahinia, Mohammad | Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | 80 | | |
| Co-I | Hefzy, Mohamed Samir | Administration, College of Engineering | | | 10 | | |
| Co-I | Relue, Patricia Ann | Bioengineering, Department of | | | 10 | | |
| Co-I | Schroeder, Adam Michael | Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | | | |
| S-126452-01-S1 | Understanding How Integrated Co | omputational Thinking, Engineering | No | \$99,838 | \$37,193 | \$137,031 | \$41,10 |
| | Design, and Mathematics Can Hel | p Students Solve Scientific and | | | | | |
| | Technical Problems in Career Tec | hnical Education | | | | | |
| 3/29/18 to 8/31/20 | National Science Foundation | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Oluoch, Jared Onyango | Engineering Technology, Department of | | | 40 | | |
| Co-PI | Czerniak, Charlene M. | Administration, College of Engineering | | | 30 | | |
| Co-PI | Javaid, Ahmad Y. | Electrical Engineering and Computer Science | ence. Department | of | 30 | | |
| 100-61 | - , | | | | | | |
| Stdnt Schol | Majumder, Subhrajit | Electrical Engineering and Computer Science | ence, Department | ∶of | | | |
| I | Majumder, Subhrajit | | • | | rd Count: 1 90 | | \$1 019 86 |
| I | Majumder, Subhrajit | Electrical Engineering and Computer Science Sum of Department (Administration | • | | rd Count: 1.90 | _ | \$1,019,86 |
| Stdnt Schol | | | • | | rd Count: 1.90 | | \$1,019,860 |
| I | rtment of | | • | | rd Count: 1.90 \$13,668 | \$60,000 | |
| Stdnt Schol | rtment of | Sum of Department (Administration | n, College of Eng | gineering Awa | | \$60,000 | |
| ioengineering, Depar | rtment of Collaborative Research: I/UCRC fo | Sum of Department (Administration | n, College of Eng | gineering Awa | | \$60,000 | |
| ioengineering, Depar | rtment of Collaborative Research: I/UCRC fo Cost-Reducing and Quality-Enhar | Sum of Department (Administration | n, College of Eng | gineering Awa | | \$60,000 | \$1,019,860 \$60,000 |
| Stdnt Schol ioengineering, Depar C-124228-05 4/1/18 to 6/30/20 | rtment of Collaborative Research: I/UCRC for Cost-Reducing and Quality-Enhard National Science Foundation Name | Sum of Department (Administration or Technology Innovation for Novel noting Musculoskeletal Therapies Department | n, College of Eng | gineering Awa | \$13,668 | \$60,000 | |
| ioengineering, Depar C-124228-05 4/1/18 to 6/30/20 Role | rtment of Collaborative Research: I/UCRC for Cost-Reducing and Quality-Enhard National Science Foundation Name Goel, Vijay K. | Sum of Department (Administration or Technology Innovation for Novel ncing Musculoskeletal Therapies | n, College of Eng | gineering Awa | \$13,668 <u>% Credit</u> | \$60,000 | |
| ioengineering, Depar C-124228-05 4/1/18 to 6/30/20 Role PI/PD | rtment of Collaborative Research: I/UCRC for Cost-Reducing and Quality-Enhard National Science Foundation Name | Sum of Department (Administration or Technology Innovation for Novel Incing Musculoskeletal Therapies Department Bioengineering, Department of Bioengineering, Department of | n, College of Eng | gineering Awa | \$13,668 <u>% Credit</u> 70 | \$60,000 | |
| Stdnt Schol Sioengineering, Depart C-124228-05 4/1/18 to 6/30/20 Role PI/PD Co-I | rtment of Collaborative Research: I/UCRC for Cost-Reducing and Quality-Enhard National Science Foundation Name Goel, Vijay K. Agarwal, Anand Kumar Dhar, Sarit | Sum of Department (Administration or Technology Innovation for Novel Incing Musculoskeletal Therapies Department Bioengineering, Department of Bioengineering, Department of Bioengineering, Department of Bioengineering, Department of | n, College of Eng | gineering Awa | \$13,668 <u>% Credit</u> 70 | \$60,000 | |
| ioengineering, Depar C-124228-05 4/1/18 to 6/30/20 Role PI/PD Co-I Stdnt Schol | rtment of Collaborative Research: I/UCRC for Cost-Reducing and Quality-Enhard National Science Foundation Name Goel, Vijay K. Agarwal, Anand Kumar | Sum of Department (Administration or Technology Innovation for Novel Incing Musculoskeletal Therapies Department Bioengineering, Department of Bioengineering, Department of | n, College of Eng | gineering Awa | \$13,668 <u>% Credit</u> 70 | \$60,000 | |
| ioengineering, Depar C-124228-05 4/1/18 to 6/30/20 Role PI/PD Co-I Stdnt Schol Stdnt Schol Stdnt Schol | rtment of Collaborative Research: I/UCRC for Cost-Reducing and Quality-Enhard National Science Foundation Name Goel, Vijay K. Agarwal, Anand Kumar Dhar, Sarit Kaeley, Dilpreet Kaur Kumaran, Yogesh | Sum of Department (Administration or Technology Innovation for Novel nating Musculoskeletal Therapies Department Bioengineering, Department of | n, College of Eng | \$46,332 | \$13,668 <u>% Credit</u> 70 30 | | \$60,00 |
| ioengineering, Depar C-124228-05 4/1/18 to 6/30/20 Role PI/PD Co-I Stdnt Schol Stdnt Schol Stdnt Schol | rtment of Collaborative Research: I/UCRC for Cost-Reducing and Quality-Enhard National Science Foundation Name Goel, Vijay K. Agarwal, Anand Kumar Dhar, Sarit Kaeley, Dilpreet Kaur Kumaran, Yogesh I/UCRC: Biomechanical Evaluation | Sum of Department (Administration or Technology Innovation for Novel nating Musculoskeletal Therapies Department Bioengineering, Department of In of the Newly Developed | n, College of Eng | gineering Awa | \$13,668 <u>% Credit</u> 70 | \$60,000 \$40,000 | \$60,00 |
| Stdnt Schol ioengineering, Depar C-124228-05 4/1/18 to 6/30/20 Role PI/PD Co-I Stdnt Schol Stdnt Schol Stdnt Schol Stdnt Schol | rtment of Collaborative Research: I/UCRC for Cost-Reducing and Quality-Enhard National Science Foundation Name Goel, Vijay K. Agarwal, Anand Kumar Dhar, Sarit Kaeley, Dilpreet Kaur Kumaran, Yogesh | Sum of Department (Administration or Technology Innovation for Novel nating Musculoskeletal Therapies Department Bioengineering, Department of In of the Newly Developed | n, College of Eng | \$46,332 | \$13,668 <u>% Credit</u> 70 30 | | \$60,00 |
| Stdnt Schol ioengineering, Depar C-124228-05 4/1/18 to 6/30/20 Role PI/PD Co-I Stdnt Schol | rtment of Collaborative Research: I/UCRC for Cost-Reducing and Quality-Enhard National Science Foundation Name Goel, Vijay K. Agarwal, Anand Kumar Dhar, Sarit Kaeley, Dilpreet Kaur Kumaran, Yogesh I/UCRC: Biomechanical Evaluation Decompression Surgery Transford Johnson & Johnson | Sum of Department (Administration or Technology Innovation for Novel Incing Musculoskeletal Therapies Department | n, College of Eng | \$46,332 | \$13,668 <u>% Credit</u> 70 30 \$3,637 | | \$60,00 |
| Stdnt Schol ioengineering, Depar C-124228-05 4/1/18 to 6/30/20 Role PI/PD Co-I Stdnt Schol | rtment of Collaborative Research: I/UCRC for Cost-Reducing and Quality-Enhard National Science Foundation Name Goel, Vijay K. Agarwal, Anand Kumard Dhar, Sarit Kaeley, Dilpreet Kaurd Kumaran, Yogesh I/UCRC: Biomechanical Evaluation Decompression Surgery Transford Johnson & Johnson Name | Sum of Department (Administration or Technology Innovation for Novel Incing Musculoskeletal Therapies Department | n, College of Eng | \$46,332 | \$13,668 <u>% Credit</u> 70 30 \$3,637 | | \$60,00 |
| Stdnt Schol ioengineering, Depar C-124228-05 4/1/18 to 6/30/20 Role PI/PD Co-I Stdnt Schol | rtment of Collaborative Research: I/UCRC for Cost-Reducing and Quality-Enhard National Science Foundation Name Goel, Vijay K. Agarwal, Anand Kumar Dhar, Sarit Kaeley, Dilpreet Kaur Kumaran, Yogesh I/UCRC: Biomechanical Evaluation Decompression Surgery Transford Johnson & Johnson Name Goel, Vijay K. | Sum of Department (Administration or Technology Innovation for Novel Incing Musculoskeletal Therapies Department | n, College of Eng | \$46,332 \$36,363 | \$13,668 <u>% Credit</u> 70 30 \$3,637 <u>% Credit</u> 100 | \$40,000 | \$60,000 \$40,000 |
| Stdnt Schol Stdnt Schol | rtment of Collaborative Research: I/UCRC for Cost-Reducing and Quality-Enhard National Science Foundation Name Goel, Vijay K. Agarwal, Anand Kumar Dhar, Sarit Kaeley, Dilpreet Kaur Kumaran, Yogesh I/UCRC: Biomechanical Evaluation Decompression Surgery Transford Johnson & Johnson Name Goel, Vijay K. I/UCRC: OsteoNovus ENG201908 | Sum of Department (Administration or Technology Innovation for Novel Incing Musculoskeletal Therapies Department | n, College of Eng | \$46,332 | \$13,668 <u>% Credit</u> 70 30 \$3,637 | | \$60,000 \$40,000 |
| Stdnt Schol Sioengineering, Depart C-124228-05 4/1/18 to 6/30/20 Role PI/PD Co-I Stdnt Schol | rtment of Collaborative Research: I/UCRC for Cost-Reducing and Quality-Enhard National Science Foundation Name Goel, Vijay K. Agarwal, Anand Kumar Dhar, Sarit Kaeley, Dilpreet Kaur Kumaran, Yogesh I/UCRC: Biomechanical Evaluation Decompression Surgery Transford Johnson & Johnson Name Goel, Vijay K. | Sum of Department (Administration or Technology Innovation for Novel Incing Musculoskeletal Therapies Department | n, College of Eng | \$46,332 \$36,363 | \$13,668 <u>% Credit</u> 70 30 \$3,637 <u>% Credit</u> 100 | \$40,000 | |

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| n-going projects with i | iew lulius, i.e. flot reported ili a previ | ous liscal year. | Cash? | <u>Direct Cost</u> | Indirect Cost Total Award | | <u>Credit</u> |
|-------------------------|--|---|-------|--------------------|---------------------------|-----------|---------------|
| ioengineering, Depai | rtment of | | | | | | |
| C-124228-05-W5 | I/UCRC: Transporter Bed System | | No | \$31,819 | \$3,181 | \$35,000 | \$35,00 |
| 6/12/18 to 12/31/19 | Spider Spine | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Goel, Vijay K. | Bioengineering, Department of | | | 100 | | |
| C-124228-05-W7 | I/UCRC: Graham Medical Technol | ogies ENG2018129 | No | \$9,091 | \$909 | \$10,000 | \$10,00 |
| 7/18/18 to 12/31/19 | Graham Medical Technologies, Inc | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Goel, Vijay K. | Bioengineering, Department of | | | 100 | | |
| C-124228-05-W8 | I/UCRC: Spinal Balance ENG2019 | 012 | No | \$36,364 | \$3,636 | \$40,000 | \$40,00 |
| 8/15/18 to 12/31/19 | Spinal Balance | | | | | | |
| Role | Name | <u>Department</u> | | | % Credit | | |
| PI/PD | Goel, Vijay K. | Bioengineering, Department of | | | 100 | | |
| C-124228-05-W9 | I/UCRC: Spinal Balance ENG2019 | 059 | No | \$36,364 | \$3,636 | \$40,000 | \$40,00 |
| 11/21/18 to 12/31/19 | Spinal Balance | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Goel, Vijay K. | Bioengineering, Department of | | | 100 | | |
| C-125787-02 | COE for Human Performance and | Health Science Sweat Biosensing | No | \$28,061 | \$3,612 | \$31,673 | \$31,67 |
| 9/19/18 to 5/20/19 | Ohio Federal Research Network th | rough University of Cincinnati | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Cameron, Brent D. | Bioengineering, Department of | | | 100 | | |
| C-126050-02 | NURTURES Phase II: Expansion a | and Evaluation | No | \$770,671 | \$216,681 | \$987,352 | \$49,30 |
| 8/13/18 to 8/31/21 | National Science Foundation | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Czerniak, Charlene M. | Administration, College of Engineering | | | 75 | | |
| Co-PI | Hapgood, Susanna | Curriculum and Instruction, Department of | | | 20 | | |
| Co-PI | Molitor, Scott C. | Bioengineering, Department of | | * | 5 | | |
| C-126050-03 | NURTURES Phase II: Expansion a | and Evaluation | No | \$212,282 | \$62,833 | \$275,115 | \$13,7 |
| 8/22/18 to 8/31/21 | National Science Foundation | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Czerniak, Charlene M. | Administration, College of Engineering | | | 75 | | |
| Co-PI | Molitor, Scott C. | Bioengineering, Department of | | | 5 | | |
| Co-I | Hapgood, Susanna | Curriculum and Instruction, Department of | | | 20 | | |

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| n-going projects with r | new funds, i.e. not reported in a previo | ous fiscal year. | <u>Cash?</u> | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|--------------------------------|--|--|-------------------|-------------|---------------------------|-------------|---------------|
| ioengineering, Depar | | | | | | | |
| C-126067-02 | | r Treating Vertebral-Body Fractures | No | \$70,556 | \$34,925 | \$105,481 | \$31,64 |
| 8/1/18 to 1/31/21 | National Science Foundation | | | | 0/ 0 1:1 | | |
| Role PI/PD | <u>Name</u> Bhaduri, Sarit B. | Department Machanical Industrial and Manufacturing | r Engineering De | nartmant of | <u>% Credit</u> 70 | | |
| Co-PI | Goel, Vijay K. | Mechanical, Industrial, and Manufacturing Bioengineering, Department of | g Engineering, De | partment of | 70 30 | | |
| C-126067-03 | | r Treating Vertebral-Body Fractures | No | \$72,467 | \$35,871 | \$108,338 | \$75,83 |
| 8/14/18 to 1/31/21 | National Science Foundation | Trouting vertebrai-body Fractures | 140 | Ψ12,401 | φου,στι | Ψ100,000 | Ψ10,00 |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Goel, Vijay K. | Bioengineering, Department of | | | 70 <u>70 Gredit</u> 70 | | |
| Co-PI | Bhaduri, Sarit B. | Mechanical, Industrial, and Manufacturing | a Engineering. De | partment of | 30 | | |
| C-126326-02 | Choose Ohio First | , , | No | \$527,728 | \$0 | \$527,728 | \$527,72 |
| 7/1/18 to 6/30/19 | Ohio Department of Higher Educati | on | | , , , | • | , , , | , , |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Molitor, Scott C. | Bioengineering, Department of | | | 100 | | |
| C-126736-02 | Regionally Aligned Priorities in De | elivering Skills (RAPIDS 3.0) | No | \$361,749 | \$0 | \$361,749 | \$238,75 |
| 12/25/18 to 12/31/21 | Ohio Department of Higher Educati | | | , | | , | |
| Role | <u>Name</u> | Department | | | % Credit | | |
| PI/PD | Lawrence, Joseph G. | Polymer Institute | | | 34 | | |
| Co-I | Cameron, Brent D. | Bioengineering, Department of | | | 33 | | |
| Co-I | Relue, Patricia Ann | Bioengineering, Department of | | | 33 | | |
| N-127222-01 | Early Onset Scoliosis | ion alongside Guided Growth omies and the Loss of Correction in | No | \$33,433 | \$16,549 | \$49,982 | \$49,98 |
| 5/15/19 to 5/14/22 | Medtronic, Inc. | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Goel, Vijay K. | Bioengineering, Department of | | | 100 | | |
| N-127471-01 | Dynamic Compression Testing | | No | \$3,925 | \$1,275 | \$5,200 | \$5,20 |
| 2/1/19 to 1/31/20 | CoreLink Surgical | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Goel, Vijay K. | Bioengineering, Department of | | | 100 | | |
| N-127865-01 | Dana contract: Vehicle Mechatron | ics Certificate Program | No | \$296,226 | \$22,774 | \$319,000 | \$31,90 |
| 5/25/19 to 12/31/21 | Dana Corporation | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Elahinia, Mohammad | Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | 80 | | |
| Co-I | Hefzy, Mohamed Samir | Administration, College of Engineering | | | 10 | | |
| Co-I | Relue, Patricia Ann | Bioengineering, Department of | | | 10 | | |
| Co-I | Schroeder, Adam Michael | Mechanical, Industrial, and Manufacturing | g | partment of | | | |

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This report does not show all projects that were active in FY19. This report shows only new and

| • | how all projects that were active in FY1 | · · · · · · · · · · · · · · · · · · · | | | | | Dept Award |
|-----------------------|---|--|--------------------|--------------|-----------------|-------------|------------|
| n-going projects with | new funds, i.e. not reported in a previous | us fiscal year. | <u>Cash?</u> | Direct Cost | Indirect Cost | Total Award | Credit |
| Bioengineering, Depa | artment of | | | | | | |
| S-126067-01-S1 | | r Treating Vertebral-Body Fractures | No | \$21,723 | \$10,753 | \$32,476 | |
| 7/27/18 to 1/31/21 | National Science Foundation | | | | | | _ |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Bhaduri, Sarit B. | Mechanical, Industrial, and Manufacturing | ց Engineering, Deր | partment of | 100 | | |
| Co-PI | Goel, Vijay K. | Bioengineering, Department of | | | | | |
| Stdnt Schol | Sikder, Prabaha | Mechanical, Industrial, and Manufacturing | g Engineering, Der | partment of | | | |
| | | Sum of Department (Bioen | gineering, Depart | ment of) Awa | rd Count: 12.86 | | \$1,320,84 |
| Chemical and Enviro | nmental Engineering, Department of | | | | | | |
| C-125107-04 | Mission Earth: Fusing GLOBE with | n NASA Assets to Build Systemic | No | \$636,628 | \$302,399 | \$939,027 | \$187,80 |
| | Innovation in STEM Education | | | | | | |
| 1/4/19 to 1/3/20 | National Aeronautics and Space Ad | ministration | | | | | , |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Czajkowski, Kevin Paul | Geography and Planning, Department of | | | 60 | | |
| Co-I | Lipscomb, Glenn | Chemical and Environmental Engineering | g, Department of | | 20 | | |
| Co-I | Templin, Mark Arnold | Curriculum and Instruction, Department of | f | | 20 | | |
| C-125107-05 | Mission Earth: Fusing GLOBE with | n NASA Assets to Build Systemic | No | \$410,178 | \$194,834 | \$605,012 | \$121,00 |
| | Innovation in STEM Education | | | | | | |
| 1/4/19 to 1/3/21 | National Aeronautics and Space Ad | ministration | | | | | _ |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Czajkowski, Kevin Paul | Geography and Planning, Department of | | | 60 | | |
| Co-I | Lipscomb, Glenn | Chemical and Environmental Engineering | | | 20 | | |
| Co-I | Templin, Mark Arnold | Curriculum and Instruction, Department of | of | | 20 | | |
| N-125817-02-W12 | The University of Toledo Rocket F | uel FundFree Radical Sending | No | \$0 | \$0 | \$0 | \$ |
| | Device | | | | | | |
| 3/1/18 to 4/30/19 | Economic Development Administrati | ion through University of Toledo, Main Campu | s | | | | , |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Kim, Dong Shik | Chemical and Environmental Engineering | g, Department of | | 50 | | |
| Co-I | Chakravarti, Ritu | Surgery, Department of | | | 50 | | |
| N-126633-01 | Electrochemical Interaction of Nar | no-Cerium Oxide Composites with | No | \$200,668 | \$99,332 | \$300,000 | \$300,00 |
| | Hydroxyl Radicals | | | | | | |
| 7/1/18 to 6/30/21 | National Science Foundation | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Alba Rubio, Ana Carolina | Chemical and Environmental Engineering | g, Department of | | 50 | | |
| Co-I | • | Chemical and Environmental Engineering | | | 50 | | |

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| geg projecte titur t | iew fullus, i.e. flot reported in a previous | nodi year. | Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|--|--|--|---------------------------|----------------------|-----------------------------|-------------|---------------|
| hemical and Environ | mental Engineering, Department of | | | | | | |
| N-127075-01 9/10/18 to 2/28/19 | Nitrogen enriched air module design Nissan Motor Co., Ltd. | and fabrication | No | \$28,751 | \$14,231 | \$42,982 | \$42,98 |
| Role PI/PD | <u>Name</u> Lipscomb, Glenn | <u>Department</u> Chemical and Environmental Engineering, De | epartment of | | <u>% Credit</u> 100 | | |
| N-127158-01 | CAREER: Dual Function Materials for | | No | \$379,018 | \$179,777 | \$558,795 | \$558,7 |
| 3/1/19 to 2/29/24 | into Methanol and Higher Alcohols National Science Foundation | | | | | | , |
| Role PI/PD Stdnt Schol Stdnt Schol Stdnt Schol | <u>Name</u> Alba Rubio, Ana Carolina Allen, Bryan J. Steiner, Joshua B. Walz, Sarah Ann | Department Chemical and Environmental Engineering, De | epartment of epartment of | | <u>% Credit</u> 100 | | |
| N-127625-01 4/1/19 to 10/31/19 | Ohio I-Corps Program Ohio Department of Education through | Ohio State University | No | \$13,500 | \$1,500 | \$15,000 | \$7,5 |
| Role PI/PD Co-PI | Name Park, Joshua Jin-Hyouk Kim, Dong Shik | Department Neurosciences, Department of Chemical and Environmental Engineering, De | epartment of | | <u>% Credit</u> 50 50 | | |
| R-127075-02 2/7/19 to 3/15/20 | Nitrogen enriched air module design Nissan Motor Co., Ltd. | and fabrication | No | \$42,707 | \$21,140 | \$63,847 | \$63,8 |
| Role PI/PD | <u>Name</u> Lipscomb, Glenn | <u>Department</u> Chemical and Environmental Engineering, De | epartment of | | <u>% Credit</u> 100 | | |
| S-125358-01-S2 7/9/18 to 8/31/19 | GOALI/Collaborative: Engineering Bi Biological Water Treatment - REU National Science Foundation | ofilm Dynamics for Cyanotoxins in | No | \$6,000 | \$0 | \$6,000 | |
| Role PI/PD Stdnt Schol | <u>Name</u> Seo, Youngwoo Murry-Howard, Cordaro LeNigel | <u>Department</u> Civil Engineering, Department of Chemical and Environmental Engineering, De | epartment of | | <u>% Credit</u> 100 | | |
| | | Sum of Department (Chemical and Er | vironmental l | E ngineer Awa | rd Count: 5.40 | _ | \$1,281,93 |
| ivil Engineering, Dep C-126299-02-W3 | Transportation Asset Management | | No | \$70,205 | \$28,147 | \$98,352 | \$98,3 |
| 4/15/19 to 10/26/20 | U.S. Department of Transportation thro | ough Ohio Department of Transportation | | | | | |
| Role PI/PD Stdnt Schol Stdnt Schol | <u>Name</u> Chou, Eddie Yein-Juin Champion, James Richard Khadka, Prakash | Department Civil Engineering, Department of Civil Engineering, Department of Civil Engineering, Department of | | | <u>% Credit</u> 100 | | |

Dept Award

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| n-going projects with I | new funds, i.e. not reported in a previous | fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|-------------------------|--|---|----------------|-------------|---------------|-------------|---------------|
| Civil Engineering, Dep | partment of | | | | | | |
| C-126299-02-W4 | Transportation Asset Management | | No | \$13,789 | \$6,032 | \$19,821 | \$19,82 |
| 6/1/19 to 10/26/20 | U.S. Department of Transportation thro | ugh Ohio Department of Transportation | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Chou, Eddie Yein-Juin | Civil Engineering, Department of | | | 100 | | |
| Stdnt Schol | Champion, James Richard | Electrical Engineering and Computer Science | Department | of | | | |
| Stdnt Schol | Degroot, Jennifer | Civil Engineering, Department of | | | | | |
| Stdnt Schol | Khadka, Prakash | Civil Engineering, Department of | | | | | |
| R-105227-24 | Indoor Radon | | No | \$30,000 | \$0 | \$30,000 | \$30,000 |
| 10/1/18 to 9/30/19 | U.S. Environmental Protection Agency | through Ohio Department of Health | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Kumar, Ashok | Civil Engineering, Department of | | | 100 | | |
| R-106736-18 | The University of Toledo Pollution Pr | evention Grant Proposal | No | \$84,043 | \$29,102 | \$113,145 | \$90,516 |
| 10/1/18 to 9/30/20 | U.S. Environmental Protection Agency | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Kumar, Ashok | Civil Engineering, Department of | | | 80 | | |
| Co-I | Franchetti, Matthew J. | Mechanical, Industrial, and Manufacturing Eng | gineering, Dep | partment of | 20 | | |
| R-106736-18-I01 | The University of Toledo Pollution Pr | evention Grant Proposal | No | \$68,275 | \$33,795 | \$102,070 | \$81,656 |
| 5/9/19 to 9/30/20 | U.S. Environmental Protection Agency | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Kumar, Ashok | Civil Engineering, Department of | | | 80 | | |
| Co-I | Franchetti, Matthew J. | Mechanical, Industrial, and Manufacturing Eng | gineering, Dep | partment of | 20 | | |
| S-125358-01-S2 | GOALI/Collaborative: Engineering Bi | ofilm Dynamics for Cyanotoxins in | No | \$6,000 | \$0 | \$6,000 | \$6,000 |
| | Biological Water Treatment - REU | | | | | | |
| 7/9/18 to 8/31/19 | National Science Foundation | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Seo, Youngwoo | Civil Engineering, Department of | | | 100 | | |
| Stdnt Schol | Murry-Howard, Cordaro LeNigel | Chemical and Environmental Engineering, De | | | | | |
| S-125358-01-S3 | GOALI/Collaborative: Engineering Bi | ofilm Dynamics for Cyanotoxins in | No | \$12,000 | \$0 | \$12,000 | \$12,000 |
| | Biological Water Treatment - REU | | | | | | |
| 6/25/19 to 8/31/19 | National Science Foundation | | | | | | l |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Seo, Youngwoo | Civil Engineering, Department of | | | 100 | | |
| Stdnt Schol | Briese, Emily Anne | Civil Engineering, Department of | | | | | |
| Stdnt Schol | Hoffman, Kennedy | Civil Engineering, Department of | | | | | |
| Stdnt Schol | Holt, Mathieu Killian | Chemistry and Biochemistry, Department of | | | | | |
| Stdnt Schol | Johnson, Xavier Cherie | Civil Engineering, Department of | | | | | |

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Stdnt Schol

Walkosz, Macie

This report does **not** show all projects that were active in FY19. This report shows only new and op-going projects with **new** funds, i.e. not reported in a previous fiscal year

| • | is report does not show all projects that were active in FY19. This report shows only new and -going projects with new funds, i.e. not reported in a previous fiscal year. | | <u>Cash?</u> | <u>Direct Cost</u> | Indirect Cost | <u>Total Award</u> | Dept Award Credit |
|-------------------------------------|--|--|-------------------|--------------------|-----------------------|--------------------|----------------------|
| Civil Engineering, Dep | partment of | | | | | | |
| S-125358-01-W1 11/19/18 to 2/29/20 | GOALI/Collaborative: Engineering Biological Water TreatmentINTER National Science Foundation | Biofilm Dynamics for Cyanotoxins in N | No | \$25,252 | \$6,566 | \$31,818 | \$31,818 |
| | | Danadasant | | | % Credit | | 7 |
| Role PI/PD | <u>Name</u> Seo, Youngwoo | <u>Department</u> Civil Engineering, Department of | | | % Credit 100 | | |
| 1 1/1 2 | oco, roungwoo | Sum of Department (Civil Eng | gineering, Depar | tment of) Awa | rd Count: 7.60 | | \$370,163 |
| Electrical Engineering | and Computer Science, Department | of | | | | | |
| C-125299-03 | Study of Early Brain Alterations tha PTSD | at Predict Development of Chronic | No | \$364,491 | \$142,231 | \$506,722 | \$5,067 |
| 7/1/18 to 6/30/19 | National Institute on Mental Health | | | | | | |
| Role | Name | Department | | | % Credit | | 7 |
| PI/PD | Wang, Xin | Psychiatry, Department of | | | 89 | | |
| Co-I | Brickman, Kristopher R. | Surgery, Department of | | | | | |
| Co-I | Elhai, Jon D. | Psychology, Department of | | | | | |
| Co-I | Rapport, Daniel J. | Psychiatry, Department of | | | | | |
| Co-I | Tull, Matthew T. | Psychiatry, Department of | | | | | |
| Co-I | Xie, Hong | Neurosciences, Department of | | | 10 | | |
| Co-I | Xu, Kevin Shuai | Electrical Engineering and Computer Scie | ence. Department | of | 1 | | |
| Stdnt Schol | Christ, Nicole Marie | Psychiatry, Department of | , <u>_</u> - op a | - | · | | |
| Stdnt Schol | Cotton, Andrew Stephen | Psychiatry, Department of | | | | | |
| Stdnt Schol | Dempsey, Abigail Elizabeth | Psychiatry, Department of | | | | | |
| Stdnt Schol | Duff, Joseph Robert | Psychiatry, Department of | | | | | |
| Stdnt Schol | Forbes, Courtney N. | Psychiatry, Department of | | | | | |
| Stdnt Schol | Grau, Aaron Scott | Psychiatry, Department of | | | | | |
| Stdnt Schol | Harless, Nicole Ann | Psychiatry, Department of | | | | | |
| Stdnt Schol | Ickes, Jessica R. | Psychiatry, Department of | | | | | |
| Stdnt Schol | Lu, Christine | Psychiatry, Department of | | | | | |
| Stdnt Schol | Lyu, Xin | Psychiatry, Department of | | | | | |
| Stdnt Schol | Mathews, Jeremy | Psychiatry, Department of | | | | | |
| Stdnt Schol | McDaniel, Mitchell Andre | Psychiatry, Department of | | | | | |
| Stdnt Schol | O'Leary, Brian M. | Psychiatry, Department of | | | | | |
| Stdnt Schol | Radabaugh, Jacob John | Psychiatry, Department of | | | | | |
| Stdnt Schol | Sood, Ambika | Psychiatry, Department of | | | | | |
| 04-1-4-0-11 | \A/=U \A/=-:- | Develoista Develope at of | | | | | |

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Psychiatry, Department of

This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| on-going projects with r | new funds, i.e. not reported in a previou | s fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
|---------------------------|--|---|------------------|-------------|---------------|-------------|-----------|
| Electrical Engineering | and Computer Science, Department | of | | | | | |
| C-125299-03-I01 | Study of Early Brain Alterations tha PTSD | t Predict Development of Chronic | No | \$121,497 | \$47,411 | \$168,908 | \$1,689 |
| 7/1/18 to 6/30/19 | National Institute on Mental Health | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Wang, Xin | Psychiatry, Department of | | | 89 | | |
| Co-I | Brickman, Kristopher R. | Surgery, Department of | | | | | |
| Co-I | Elhai, Jon D. | Psychology, Department of | | | | | |
| Co-I | Rapport, Daniel J. | Psychiatry, Department of | | | | | |
| Co-I | Tull, Matthew T. | Psychiatry, Department of | | | | | |
| Co-I | Xie, Hong | Neurosciences, Department of | | | 10 | | |
| Co-I | Xu, Kevin Shuai | Electrical Engineering and Computer Science | e, Department of | | 1 | | |
| C-125434-02-A2 | High Temperature Magnetic Materia | ls | No | \$(4,167) | \$(833) | \$(5,000) | \$(1,650) |
| 7/17/18 to 9/15/18 | Ohio Federal Research Network thro | ugh Case Western Reserve University/Case Me | edical | | | | |
| | Center | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Heben, Michael J. | Physics and Astronomy, Department of | | | 34 | | |
| Co-I | Georgiev, Daniel G. | Electrical Engineering and Computer Science | e, Department of | | 33 | | |
| Co-I | Phillips, Adam B. | Physics and Astronomy, Department of | • | | 33 | | |
| C-125625-02 | Intelligent Channel Sensing Based | Secure Cross Layer Cognitive | No | \$84,751 | \$15,249 | \$100,000 | \$100,000 |
| | Networking for Resilient Space Cor | | | | | | |
| 8/15/18 to 5/31/19 | Ohio Department of Higher Education | n through Wright State University | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| Co-PI | Devabhaktuni, Vijaya Kumar | Electrical Engineering and Computer Science | e, Department of | | 50 | | |
| Co-PI | Javaid, Ahmad Y. | Electrical Engineering and Computer Science | • | | 50 | | |
| C-126299-02-W4 | Transportation Asset Management | | No | \$13,789 | \$6,032 | \$19,821 | |
| 6/1/19 to 10/26/20 | U.S. Department of Transportation th | rough Ohio Department of Transportation | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Chou, Eddie Yein-Juin | Civil Engineering, Department of | | | 100 | | |
| Stdnt Schol | Champion, James Richard | Electrical Engineering and Computer Science | e. Department of | | | | |
| Stdnt Schol | Degroot, Jennifer | Civil Engineering, Department of | , , | | | | |
| Stdnt Schol | Khadka, Prakash | Civil Engineering, Department of | | | | | |
| C-126463-02 | Fundamental and Applied WBGs D | | No | \$83,664 | \$41,414 | \$125,078 | \$125,078 |
| | Reliability Investigation for Next Ge | neration Naval Applications | | | | | |
| | | • | | | | | |
| 8/1/18 to 7/30/21 | Office of Naval Research | | | | | | |
| 8/1/18 to 7/30/21 Role | Office of Naval Research Name | <u>Department</u> | | | % Credit | | |

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| on-going projects with | new funds, i.e. not reported in a previ | ous fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
|--------------------------------------|--|---|---------------------|-------------|-----------------------------------|-------------|-----------|
| Electrical Engineering | g and Computer Science, Departmer | nt of | | | | | |
| N-126463-01 8/1/18 to 7/30/19 | Fundamental and Applied WBGs Reliability Investigation for Next (Office of Naval Research | | No | \$48,322 | \$23,920 | \$72,242 | \$72,242 |
| Role PI/PD | <u>Name</u> Khanna, Raghav | <u>Department</u> Electrical Engineering and Computer Sci | ence, Department of | | <u>% Credit</u> 100 | | |
| N-126469-01 7/1/18 to 6/30/20 | CRII: III: Generative Models for Ro Dynamic Networks National Science Foundation | obust Real-Time Analysis of Complex | No | \$116,773 | \$57,803 | \$174,576 | \$174,576 |
| Role PI/PD | <u>Name</u> Xu, Kevin Shuai | <u>Department</u> Electrical Engineering and Computer Sci | ence, Department of | | <u>% Credit</u> 100 | | |
| N-126930-01 8/1/18 to 7/31/21 | ATD: Collaborative Research: Spa dynamic network models National Science Foundation | atio-temporal data analysis with | No | \$25,021 | \$12,385 | \$37,406 | \$37,406 |
| Role PI/PD | <u>Name</u> Xu, Kevin Shuai | <u>Department</u> Electrical Engineering and Computer Sci | ence, Department of | | <u>% Credit</u> 100 | | |
| N-126930-01-l01 8/1/18 to 7/31/21 | ATD: Collaborative Research: Spa dynamic network models National Science Foundation | atio-temporal data analysis with | No | \$13,986 | \$6,923 | \$20,909 | \$20,909 |
| Role PI/PD | <u>Name</u> Xu, Kevin Shuai | <u>Department</u> Electrical Engineering and Computer Sci | ence, Department of | | <u>% Credit</u> 100 | | |
| N-127118-01 12/10/18 to 9/30/20 | Space Small Spacecraft Power St | with Autonomous Control for Deep ubsystems dministration through Jet Propulsion Laboratory | No | \$26,756 | \$13,244 | \$40,000 | \$40,000 |
| Role PI/PD Co-I | <u>Name</u> Khanna, Raghav Javaid, Ahmad Y. | <u>Department</u> Electrical Engineering and Computer Sci Electrical Engineering and Computer Sci | | | <u>% Credit</u> 50 50 | | |
| N-127339-01 11/14/18 to 9/30/20 | Transactive Campus U.S. Department of Energy through | n Battelle | No | \$167,155 | \$82,742 | \$249,897 | \$74,969 |
| Role PI/PD Co-I Co-I | <u>Name</u> Heben, Michael J. Ellingson, Randall J. Khanna, Raghav | <u>Department</u> Physics and Astronomy, Department of Physics and Astronomy, Department of Electrical Engineering and Computer Sci | ence, Department of | | <u>% Credit</u> 40 30 30 | | |

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This report does **not** show all projects that were active in FY19. This report shows only new and

| | now all projects that were active in FY19. | | | | | ı | Dept Award |
|------------------------------|---|---|-------------------|-------------|-----------------------|-------------|------------|
| n-going projects with i | new funds, i.e. not reported in a previous | fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
| lectrical Engineering | and Computer Science, Department o | f | | | | | |
| S-126452-01-S1 | Understanding How Integrated Comp | | No | \$99,838 | \$37,193 | \$137,031 | \$41,10 |
| | Design, and Mathematics Can Help S | | | | | | |
| 0/00/404 0/04/00 | Technical Problems in Career Techni | cal Education | | | | | |
| 8/29/18 to 8/31/20 | National Science Foundation | | | | | | 1 |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Oluoch, Jared Onyango | Engineering Technology, Department of | | | 40 | | |
| Co-PI | Czerniak, Charlene M. | Administration, College of Engineering | | | 30 | | |
| Co-PI | Javaid, Ahmad Y. | Electrical Engineering and Computer Scient | nce, Department o | of | 30 | | |
| Stdnt Schol | Majumder, Subhrajit | Electrical Engineering and Computer Scie | nce, Department o | of | | | |
| | | Sum of Department (Electrical Engi | ineering and Com | puter S Awa | rd Count: 7.95 | | \$691,39 |
| ngineering Technolo | | | | | | | |
| S-126452-01-S1 | Understanding How Integrated Comp | | No | \$99,838 | \$37,193 | \$137,031 | \$54,81 |
| | Design, and Mathematics Can Help S | | | | | | |
| | Technical Problems in Career Techni | cal Education | | | | | |
| 8/29/18 to 8/31/20 | National Science Foundation | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Oluoch, Jared Onyango | Engineering Technology, Department of | | | 40 | | |
| Co-PI | Czerniak, Charlene M. | Administration, College of Engineering | | | 30 | | |
| Co-PI | Javaid, Ahmad Y. | Electrical Engineering and Computer Scien | nce, Department o | of | 30 | | |
| Stdnt Schol | Majumder, Subhrajit | Electrical Engineering and Computer Scien | | | | | |
| | | Sum of Department (Engineering | Technology, Depa | artment Awa | rd Count: 0.40 | | \$54,81 |
| echanical, Industrial | l, and Manufacturing Engineering, Depa | artment of | | | | | |
| C-119911-15 | Turbomachinery Computational Aero | -Acoustics Research | No | \$74,899 | \$28,940 | \$103,839 | \$103,83 |
| 8/1/18 to 3/31/19 | NASA John H. Glenn Research Cente | r at Lewis Field through Vantage Partners, Ll | LC | | | | |
| Role | Name | Department | | | % Credit | | 1 |
| PI/PD | Hixon, Duane | Mechanical, Industrial, and Manufacturing | Engineering, Dep | artment of | 100 | | |
| C-119911-16 | Turbomachinery Computational Aero | | No | \$100,863 | \$33,747 | \$134,610 | \$134,61 |
| 4/1/19 to 9/30/19 | NASA John H. Glenn Research Cente | r at Lewis Field through Vantage Partners, Ll | LC | | | | |
| | | Department | | | % Credit | | |
| Role | Name | | | | 70 0.00.0 | | |
| Role PI/PD | <u>Name</u> Hixon, Duane | | Engineering, Dep | artment of | 100 | | |
| Role PI/PD C-123135-04 | Name Hixon, Duane Small Turbine Institute Consortium | Mechanical, Industrial, and Manufacturing | Engineering, Dep | | | \$33.000 | \$33.00 |
| PI/PD | Hixon, Duane | | <u> </u> | \$25,000 | 100 \$8,000 | \$33,000 | \$33,00 |
| PI/PD C-123135-04 | Hixon, Duane Small Turbine Institute Consortium | | <u> </u> | | | \$33,000 | \$33,000 |

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| n-going projects with | new funds, i.e. not reported in a pr | evious fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
|--|---|--|-------------------|-------------|------------------------|-------------|-----------|
| Mechanical, Industria | I, and Manufacturing Engineering | , Department of | | | | | |
| C-123604-12 | Development W141 | achinery Advanced Computational Tool | No | \$246,710 | \$49,342 | \$296,052 | \$296,052 |
| 8/1/18 to 3/31/19 | NASA John H. Glenn Research | Center at Lewis Field through Vantage Partners, L | LLC | | | | |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-123604-13 | Development W141 | achinery Advanced Computational Tool | No | \$86,344 | \$17,269 | \$103,613 | \$103,613 |
| 4/1/19 to 9/30/19 | | Center at Lewis Field through Vantage Partners, L | LLC | | | | |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124162-05-S2 8/1/18 to 9/30/18 | Advanced Metallic Materials | Center at Lewis Field through Universities Space | No | \$3,495 | \$909 | \$4,404 | \$4,404 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124162-05-S3 9/15/18 to 9/30/18 | Advanced Metallic Materials | tructure Property Relationships in Center at Lewis Field through Universities Space | No | \$16,863 | \$4,385 | \$21,248 | \$21,248 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124162-06 10/1/18 to 3/31/19 | Advanced Metallic Materials | tructure Property Relationships in Center at Lewis Field through Universities Space | No | \$19,179 | \$4,986 | \$24,165 | \$24,165 |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | 100 | | |
| C-124162-06-I01 11/1/18 to 3/31/19 | Advanced Metallic Materials | tructure Property Relationships in Center at Lewis Field through Universities Space | No | \$19,179 | \$4,986 | \$24,165 | \$24,165 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | <u>% Credit</u> 100 | | |

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| n-going projects with | new funds, i.e. not reported in a pr | evious fiscal year. | <u>Cash?</u> | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|--------------------------------------|--------------------------------------|--|--------------------|-------------|------------------------|-------------|------------------|
| /lechanical, Industria | I, and Manufacturing Engineering | , Department of | | | | | |
| C-124162-06-I02 11/28/18 to 3/31/19 | Advanced Metallic Materials | tructure Property Relationships in Center at Lewis Field through Universities Space | No | \$19,179 | \$4,986 | \$24,165 | \$24,16 5 |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufacturin | <u> </u> | | 100 | | |
| C-124162-06-I03 12/21/18 to 3/31/19 | Advanced Metallic Materials | tructure Property Relationships in Center at Lewis Field through Universities Space | No | \$4,794 | \$1,247 | \$6,041 | \$6,04 1 |
| | Research Association | | | | | | |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturin | g Engineering, Deլ | partment of | <u>% Credit</u> 100 | | |
| C-124162-06-104 1/30/19 to 3/31/19 | Advanced Metallic Materials | tructure Property Relationships in Center at Lewis Field through Universities Space | No | \$19,179 | \$4,986 | \$24,165 | \$24,16 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturin | g Engineering, Dep | partment of | <u>% Credit</u> 100 | | |
| C-124162-06-I05 2/20/19 to 3/31/19 | Advanced Metallic Materials | tructure Property Relationships in Center at Lewis Field through Universities Space | No | \$28,768 | \$7,480 | \$36,248 | \$36,248 |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufacturin | g Engineering, De | partment of | 100 | | |
| C-124162-06-106 3/29/19 to 9/30/19 | Advanced Metallic Materials | tructure Property Relationships in Center at Lewis Field through Universities Space | No | \$19,326 | \$5,025 | \$24,351 | \$24,351 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturin | g Engineering, Dep | partment of | <u>% Credit</u> 100 | | |
| C-124162-06-S1 4/11/19 to 9/30/19 | Advanced Metallic Materials | tructure Property Relationships in Center at Lewis Field through Universities Space | No | \$5,310 | \$1,380 | \$6,690 | \$6,690 |
| Role PI/PD | Name Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturin | g Engineering, De | partment of | <u>% Credit</u> 100 | | |

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| n-going projects with | new funds, i.e. not reported in a pr | evious fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|--|--------------------------------------|--|-------------------|-------------|------------------------|-------------|---------------|
| /lechanical, Industria | l, and Manufacturing Engineering | , Department of | | | | | |
| C-124162-06-W7 5/3/19 to 9/30/19 | Advanced Metallic Materials | Structure Property Relationships in Center at Lewis Field through Universities Space | No | \$45,094 | \$11,725 | \$56,819 | \$56,819 |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufacturing | | | 100 | | |
| C-124163-05-S2 8/1/18 to 9/30/18 | Systems | Is in Aerospace Propulsion and Power Center at Lewis Field through Universities Space | No | \$3,028 | \$787 | \$3,815 | \$3,81 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124163-05-S3 9/15/18 to 9/30/18 | Systems | Is in Aerospace Propulsion and Power Center at Lewis Field through Universities Space | No | \$14,788 | \$3,845 | \$18,633 | \$18,633 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturin | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124163-06 10/1/18 to 3/31/19 | Systems | Is in Aerospace Propulsion and Power Center at Lewis Field through Universities Space | No | \$17,544 | \$4,561 | \$22,105 | \$22,10 |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | |] |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | 100 | | |
| C-124163-06-S1 11/1/18 to 3/31/19 | Systems | Is in Aerospace Propulsion and Power Center at Lewis Field through Universities Space | No | \$17,544 | \$4,561 | \$22,105 | \$22,105 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturin | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124163-06-S2 11/28/18 to 3/31/19 | Systems | Is in Aerospace Propulsion and Power Center at Lewis Field through Universities Space | No | \$17,544 | \$4,561 | \$22,105 | \$22,105 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturin | g Engineering, De | partment of | % Credit 100 | | |

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| ir geing projecte man | new lands, i.e. not reported in a | previous liseal year. | Cash? | <u>Direct Cost</u> | Indirect Cost | Total Award | <u>Credit</u> |
|--|--|---|-----------------|--------------------|------------------------|-------------|---------------|
| lechanical, Industria | I, and Manufacturing Engineeri | ng, Department of | | | | | |
| C-124163-06-S3 12/21/18 to 3/31/19 | Systems | ials in Aerospace Propulsion and Power th Center at Lewis Field through Universities Space | No | \$4,386 | \$1,140 | \$5,526 | \$5,520 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing E | Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124163-06-S4 1/30/19 to 3/31/19 | Systems | ials in Aerospace Propulsion and Power th Center at Lewis Field through Universities Space | No | \$17,544 | \$4,561 | \$22,105 | \$22,10 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing E | Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124163-06-S5 2/20/19 to 3/31/19 | Systems | ials in Aerospace Propulsion and Power th Center at Lewis Field through Universities Space | No | \$25,810 | \$6,710 | \$32,520 | \$32,520 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing E | Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124163-06-S6 3/29/19 to 9/30/19 | Systems | ials in Aerospace Propulsion and Power th Center at Lewis Field through Universities Space | No | \$17,251 | \$4,485 | \$21,736 | \$21,73 |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufacturing E | Engineering, De | · | 100 | | |
| C-124163-06-W7 5/3/19 to 9/30/19 | Systems | ials in Aerospace Propulsion and Power th Center at Lewis Field through Universities Space | No | \$40,252 | \$10,465 | \$50,717 | \$50,71 |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufacturing E | Engineering, De | partment of | 100 | | |
| C-124164-05-S2 8/1/18 to 9/30/18 | Analysis for Future Aircraft F NASA John H. Glenn Researd Research Association | Propulsion Systems The Center at Lewis Field through Universities Space | No | \$12,391 | \$3,222 | \$15,613 | \$15,613 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing E | Engineering, De | partment of | <u>% Credit</u> 100 | | |

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| n-going projects with r | new funds, i.e. not reported in a p | revious fiscal year. | <u>Cash?</u> | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|--|--|---|-------------------|-------------|------------------------|-------------|---------------|
| lechanical, Industrial | , and Manufacturing Engineering | g, Department of | | | | | |
| C-124164-06 10/1/18 to 3/31/19 | Analysis for Future Aircraft Pr NASA John H. Glenn Research Research Association | opulsion Systems Center at Lewis Field through Universities Space | No | \$13,693 | \$3,560 | \$17,253 | \$17,25 |
| Role PI/PD PI/PD | <u>Name</u> Balog, Karen L. Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturir Mechanical, Industrial, and Manufacturir | | | <u>% Credit</u> 100 | | |
| C-124164-06-S1 11/1/18 to 3/31/19 | Analysis for Future Aircraft Pr NASA John H. Glenn Research Research Association | opulsion Systems Center at Lewis Field through Universities Space | No | \$13,693 | \$3,560 | \$17,253 | \$17,25 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturir | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124164-06-S2 11/28/18 to 3/31/19 | Analysis for Future Aircraft Pr NASA John H. Glenn Research Research Association | opulsion Systems Center at Lewis Field through Universities Space | No | \$13,693 | \$3,560 | \$17,253 | \$17,25 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturir | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124164-06-S3 12/21/18 to 3/31/19 | Analysis for Future Aircraft Pr NASA John H. Glenn Research Research Association | opulsion Systems Center at Lewis Field through Universities Space | No | \$3,423 | \$890 | \$4,313 | \$4,313 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturir | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124164-06-S4 1/30/19 to 3/31/19 | Analysis for Future Aircraft Pr NASA John H. Glenn Research Research Association | opulsion Systems Center at Lewis Field through Universities Space | No | \$13,693 | \$3,560 | \$17,253 | \$17,253 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturir | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124164-06-S5 2/20/19 to 3/31/19 | Analysis for Future Aircraft Pr NASA John H. Glenn Research Research Association | opulsion Systems Center at Lewis Field through Universities Space | No | \$6,846 | \$1,780 | \$8,626 | \$8,620 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturir | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124164-06-S6 3/29/19 to 9/30/19 | Analysis for Future Aircraft Pr NASA John H. Glenn Research Research Association | opulsion Systems Center at Lewis Field through Universities Space | No | \$10,348 | \$2,691 | \$13,039 | \$13,03 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturir | g Engineering, De | partment of | <u>% Credit</u> 100 | | |

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| n-going projects with I | new funds, i.e. not reported in a pre | vious fiscal year. | <u>Cash?</u> | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|--|---|--|--------------------|-------------|------------------------|-------------|---------------|
| /lechanical, Industrial | , and Manufacturing Engineering | Department of | | | | | |
| C-124164-06-W7 5/3/19 to 9/30/19 | Analysis for Future Aircraft Pro NASA John H. Glenn Research Research Association | pulsion Systems Center at Lewis Field through Universities Spac | No e | \$24,146 | \$6,278 | \$30,424 | \$30,424 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturi | ng Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124208-06-S1 8/1/18 to 9/30/18 | Aeroelastic Analysis for Bound NASA John H. Glenn Research Research Association | ary Layer Ingesting Inlet-Fan Center at Lewis Field through Universities Spac | No e | \$9,598 | \$2,495 | \$12,093 | \$12,093 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturi | ng Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124208-06-S2 9/15/18 to 9/30/18 | Aeroelastic Analysis for Bound NASA John H. Glenn Research Research Association | ary Layer Ingesting Inlet-Fan Center at Lewis Field through Universities Spac | No e | \$5,456 | \$1,419 | \$6,875 | \$6,87 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturi | ng Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124208-07 10/1/18 to 3/31/19 | Aeroelastic Analysis for Bound NASA John H. Glenn Research Research Association | ary Layer Ingesting Inlet-Fan Center at Lewis Field through Universities Spac | No e | \$14,464 | \$3,761 | \$18,225 | \$18,22 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturi | ng Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124208-07-S1 11/1/18 to 3/31/19 | Aeroelastic Analysis for Bound NASA John H. Glenn Research Research Association | ary Layer Ingesting Inlet-Fan Center at Lewis Field through Universities Spac | No e | \$14,464 | \$3,761 | \$18,225 | \$18,22 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturi | ng Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124208-07-S2 11/28/18 to 3/31/19 | Aeroelastic Analysis for Bound NASA John H. Glenn Research Research Association | ary Layer Ingesting Inlet-Fan Center at Lewis Field through Universities Spac | No e | \$17,639 | \$4,586 | \$22,225 | \$22,229 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturi | ng Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124208-07-S3 12/21/18 to 3/31/19 | Aeroelastic Analysis for Bound NASA John H. Glenn Research Research Association | ary Layer Ingesting Inlet-Fan Center at Lewis Field through Universities Spac | No e | \$4,410 | \$1,146 | \$5,556 | \$5,550 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturi | ng Engineering, De | partment of | <u>% Credit</u> 100 | | |

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| on-going projects with | new funds, i.e. not reported in a pre | vious fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|---|--|---|-------------------|-------------|------------------------|-------------|---------------|
| Mechanical, Industria | I, and Manufacturing Engineering, | Department of | | | | | |
| C-124208-07-S4 1/30/19 to 3/31/19 | Aeroelastic Analysis for Bounda NASA John H. Glenn Research C Research Association | ry Layer Ingesting Inlet-Fan Center at Lewis Field through Universities Space | No | \$17,639 | \$4,586 | \$22,225 | \$22,225 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturin | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124208-07-S5 2/20/19 to 3/31/19 | Aeroelastic Analysis for Bounda NASA John H. Glenn Research C Research Association | ry Layer Ingesting Inlet-Fan enter at Lewis Field through Universities Space | No | \$26,459 | \$6,879 | \$33,338 | \$33,338 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124208-07-S6 3/29/19 to 9/30/19 | Aeroelastic Analysis for Bounda NASA John H. Glenn Research C Research Association | ry Layer Ingesting Inlet-Fan enter at Lewis Field through Universities Space | No | \$18,025 | \$4,687 | \$22,712 | \$22,712 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124208-07-W7 5/3/19 to 9/30/19 | Aeroelastic Analysis for Bounda NASA John H. Glenn Research C Research Association | ry Layer Ingesting Inlet-Fan Center at Lewis Field through Universities Space | No | \$42,060 | \$10,935 | \$52,995 | \$52,995 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturin | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124216-05-S2 8/1/18 to 9/30/18 | | ed Materials and Structures (85T.08) Center at Lewis Field through Universities Space | No | \$2,687 | \$699 | \$3,386 | \$3,386 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturin | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124216-05-S3 9/15/18 to 9/30/18 | _ | ed Materials and Structures (85T.08) enter at Lewis Field through Universities Space | No | \$11,517 | \$2,994 | \$14,511 | \$14,511 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124216-06 10/1/18 to 3/31/19 | _ | ed Materials and Structures (85T.08) Center at Lewis Field through Universities Space | No | \$16,070 | \$4,178 | \$20,248 | \$20,248 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturin | g Engineering, De | partment of | <u>% Credit</u> 100 | | |

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| n-going projects with i | new funds, i.e. not reported in a pr | evious fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|--|--------------------------------------|--|-------------------|-------------|------------------------|-------------|---------------|
| Mechanical, Industrial | l, and Manufacturing Engineering | g, Department of | | | | | |
| C-124216-06-S1 11/1/18 to 3/31/19 | | ced Materials and Structures (85T.08) Center at Lewis Field through Universities Space | No | \$16,070 | \$4,178 | \$20,248 | \$20,248 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124216-06-S2 11/28/18 to 3/31/19 | _ | ced Materials and Structures (85T.08) Center at Lewis Field through Universities Space | No | \$13,195 | \$3,431 | \$16,626 | \$16,626 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124216-06-S3 12/21/18 to 3/31/19 | • | ced Materials and Structures (85T.08) Center at Lewis Field through Universities Space | No | \$3,447 | \$896 | \$4,343 | \$4,343 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124216-06-S4 1/30/19 to 3/31/19 | _ | ced Materials and Structures (85T.08) Center at Lewis Field through Universities Space | No | \$13,789 | \$3,585 | \$17,374 | \$17,374 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124216-06-S5 2/20/19 to 3/31/19 | | ced Materials and Structures (85T.08) Center at Lewis Field through Universities Space | No | \$10,863 | \$2,824 | \$13,687 | \$13,687 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124216-06-S6 3/29/19 to 9/30/19 | • | ced Materials and Structures (85T.08) Center at Lewis Field through Universities Space | No | \$12,653 | \$3,290 | \$15,943 | \$15,943 _ |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124216-06-W7 5/3/19 to 9/30/19 | _ | ced Materials and Structures (85T.08) Center at Lewis Field through Universities Space | No | \$29,524 | \$7,676 | \$37,200 | \$37,200 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | <u>% Credit</u> 100 | | |

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| n-going projects with I | new funds, i.e. not reported in a prev | ious fiscal year. | <u>Cash?</u> | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|---|--|--|----------------------|-------------|------------------------|-------------|---------------|
| Mechanical, Industrial | , and Manufacturing Engineering, I | Department of | | | | | |
| C-124218-05-S2 8/1/18 to 9/30/18 | Advanced Aerospace Seals Rese NASA John H. Glenn Research C Research Association | arch enter at Lewis Field through Universities Spa | No ce | \$5,933 | \$1,542 | \$7,475 | \$7,47 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufactu | ring Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124218-05-S3 9/15/18 to 9/30/18 | Advanced Aerospace Seals Rese NASA John H. Glenn Research C Research Association | arch enter at Lewis Field through Universities Spa | No ce | \$8,626 | \$2,243 | \$10,869 | \$10,869 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufactu | ring Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124218-06 10/1/18 to 3/31/19 | Advanced Aerospace Seals Rese NASA John H. Glenn Research C Research Association | arch enter at Lewis Field through Universities Spa | No ce | \$14,777 | \$3,842 | \$18,619 | \$18,619 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufactu | ring Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124218-06-S1 11/1/18 to 3/31/19 | Advanced Aerospace Seals Rese NASA John H. Glenn Research C Research Association | earch enter at Lewis Field through Universities Spa | No ce | \$14,777 | \$3,842 | \$18,619 | \$18,619 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufactu | ring Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124218-06-S2 11/28/18 to 3/31/19 | Advanced Aerospace Seals Rese NASA John H. Glenn Research C Research Association | earch enter at Lewis Field through Universities Spa | No ce | \$23,110 | \$6,009 | \$29,119 | \$29,119 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufactu | ring Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124218-06-S3 12/21/18 to 3/31/19 | Advanced Aerospace Seals Rese NASA John H. Glenn Research C Research Association | earch enter at Lewis Field through Universities Spa | No ce | \$3,694 | \$961 | \$4,655 | \$4,65 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufactu | ring Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124218-06-S4 1/30/19 to 3/31/19 | Advanced Aerospace Seals Rese NASA John H. Glenn Research C Research Association | arch enter at Lewis Field through Universities Spa | No ce | \$23,110 | \$6,009 | \$29,119 | \$29,119 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufactu | ring Engineering, De | partment of | <u>% Credit</u> 100 | | |

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| n-going projects with | new funds, i.e. not reported in a pre | vious fiscal year. | <u>Cash?</u> | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|---|---|--|--------------------------------------|-------------|------------------------|-------------|---------------|
| echanical, Industria | I, and Manufacturing Engineering | Department of | | | | | |
| C-124218-06-S5 2/20/19 to 3/31/19 | Advanced Aerospace Seals Res NASA John H. Glenn Research (Research Association | search Center at Lewis Field through Universities S | No pace | \$37,498 | \$9,749 | \$47,247 | \$47,24 |
| Role PI/PD | Name Kaith Theo C | Department | etunia a Fasina ania a Da | | % Credit | | |
| | Keith, Theo G. | Mechanical, Industrial, and Manufac | | | 100 | **** | |
| C-124218-06-S6 3/29/19 to 9/30/19 | Advanced Aerospace Seals Res NASA John H. Glenn Research (Research Association | searcn Center at Lewis Field through Universities S | No pace | \$23,495 | \$6,109 | \$29,604 | \$29,604 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufac | cturing Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-124218-06-W7 | Advanced Aerospace Seals Res | | No | \$57,163 | \$14,863 | \$72,026 | \$72,02 |
| 5/3/19 to 9/30/19 | • | Center at Lewis Field through Universities S | pace | . , | . , | . , | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufac | cturing Engineering, De _l | partment of | 100 | | |
| C-125269-06 B/1/18 to 3/31/19 | Transfer-GlennHT CFD Analysis | Turbine Aerodynamics and Heat s (WO #14) Center at Lewis Field through Vantage Partr | No | \$37,878 | \$7,575 | \$45,453 | \$45,45 |
| Role | Name | Department | iers, LLO | | % Credit | | 1 |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufac | cturing Engineering De | partment of | <u> </u> | | |
| C-125269-07 | Computational Investigation of Transfer-GlennHT CFD Analysis | Turbine Aerodynamics and Heat s (WO #14) | No | \$28,781 | \$5,756 | \$34,537 | \$34,53 |
| 1/1/19 to 9/30/19 | NASA John H. Glenn Research | Center at Lewis Field through Vantage Partr | ners, LLC | | | | , |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufac | cturing Engineering, De | | 100 | | |
| 3/1/18 to 9/30/18 | Aerospace Materials and Facilit | ography and Digital Radiography for ies Operations Administration through Universities Space F | No Research | \$1,912 | \$497 | \$2,409 | \$2,40 |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufac | cturing Engineering, De _l | partment of | 100 | | |
| C-125830-03-S3 9/15/18 to 9/30/18 | Aerospace Materials and Facilit | ography and Digital Radiography for ies Operations Administration through Universities Space F | No Research | \$7,779 | \$2,023 | \$9,802 | \$9,802 |
| Role PI/PD | Name Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufac | cturing Engineering. De | partment of | <u>% Credit</u> 100 | | |

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| n-going projects with i | new funds, i.e. not reported in a | previous fiscal year. | <u>Cash?</u> | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|---------------------------------------|--|--|-------------------|-------------|------------------------|-------------|---------------|
| lechanical, Industrial | , and Manufacturing Engineeri | ng, Department of | | | | | |
| C-125830-04 10/1/18 to 3/31/19 | Aerospace Materials and Fac | omography and Digital Radiography for cilities Operations ce Administration through Universities Space Resea | No arch | \$10,709 | \$2,784 | \$13,493 | \$13,49 |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufacturing | | | 100 | | |
| C-125830-04-S1 11/1/18 to 3/31/19 | Aerospace Materials and Fac | omography and Digital Radiography for cilities Operations ce Administration through Universities Space Resea | No arch | \$10,709 | \$2,784 | \$13,493 | \$13,49 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-125830-04-S2 11/28/18 to 3/31/19 | Aerospace Materials and Fac | omography and Digital Radiography for cilities Operations ce Administration through Universities Space Resea | No arch | \$10,709 | \$2,784 | \$13,493 | \$13,49 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturinç | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-125830-04-S3 12/21/18 to 3/31/19 | Aerospace Materials and Fac | omography and Digital Radiography for cilities Operations ce Administration through Universities Space Resea | No arch | \$2,677 | \$696 | \$3,373 | \$3,37 |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | 100 | | |
| C-125830-04-S4 | Development of Computed T | omography and Digital Radiography for | No | \$10,709 | \$2,784 | \$13,493 | \$13,49 |
| 1/30/19 to 3/31/19 | Aerospace Materials and Fac National Aeronautics and Spa Association | cilities Operations ce Administration through Universities Space Resea | nrch | | | | |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturin | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-125830-04-S5 2/20/19 to 3/31/19 | Aerospace Materials and Fac | omography and Digital Radiography for cilities Operations ce Administration through Universities Space Resea | No arch | \$16,063 | \$4,177 | \$20,240 | \$20,24 |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | 100 | | |

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| n-going projects with | new funds, i.e. not reported in a p | previous fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|--|-------------------------------------|---|-------------------|-------------|------------------------|-------------|---------------|
| lechanical, Industria | ıl, and Manufacturing Engineerir | ng, Department of | | | | | |
| C-125830-04-S6 3/29/19 to 9/30/19 | Aerospace Materials and Fac | omography and Digital Radiography for ilities Operations ce Administration through Universities Space Resea | No arch | \$10,791 | \$2,806 | \$13,597 | \$13,59 |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufacturing | | | 100 | **** | |
| C-125830-04-W7 5/3/19 to 9/30/19 | Aerospace Materials and Fac | omography and Digital Radiography for ilities Operations ce Administration through Universities Space Resea | No arch | \$25,179 | \$6,547 | \$31,726 | \$31,72 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-125891-02-S2 8/1/18 to 9/30/18 | OY3 | th Center at Lewis Field through Universities Space | No | \$2,121 | \$551 | \$2,672 | \$2,67 |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufacturing | g Engineering, De | | 100 | | |
| C-125891-02-S3 9/15/18 to 9/30/18 | OY3 | th Center at Lewis Field through Universities Space | No | \$8,902 | \$2,314 | \$11,216 | \$11,21 |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | 100 | | |
| C-125891-03 10/1/18 to 3/31/19 | OY3 | nd Coatings for Extreme Environments - h Center at Lewis Field through Universities Space | No | \$12,179 | \$3,167 | \$15,346 | \$15,34 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-125891-03-S1 11/1/18 to 3/31/19 | OY3 | nd Coatings for Extreme Environments - h Center at Lewis Field through Universities Space | No | \$12,179 | \$3,167 | \$15,346 | \$15,34 |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | 100 | | |

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| n-going projects with | going projects with new funds, i.e. not reported in a previous fiscal year. | | Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|-----------------------|--|--|-------------------|-------------|---------------|-------------|---------------|
| echanical, Industria | I, and Manufacturing Engineering | g, Department of | | | | | |
| C-125891-03-S2 | High Temperature Materials ar OY3 | d Coatings for Extreme Environments - | No | \$12,179 | \$3,167 | \$15,346 | \$15,346 |
| 11/28/18 to 3/31/19 | NASA John H. Glenn Research Research Association | Center at Lewis Field through Universities Space | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | 100 | | |
| C-125891-03-S3 | High Temperature Materials ar OY3 | d Coatings for Extreme Environments - | No | \$3,044 | \$792 | \$3,836 | \$3,836 |
| 12/21/18 to 3/31/19 | NASA John H. Glenn Research Research Association | Center at Lewis Field through Universities Space | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | 100 | | |
| C-125891-03-S4 | High Temperature Materials ar OY3 | d Coatings for Extreme Environments - | No | \$12,179 | \$3,167 | \$15,346 | \$15,340 |
| //30/19 to 3/31/19 | NASA John H. Glenn Research Research Association | Center at Lewis Field through Universities Space | | | | | _ |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | 100 | | |
| -125891-03-S5 | High Temperature Materials ar OY3 | d Coatings for Extreme Environments - | No | \$18,269 | \$4,750 | \$23,019 | \$23,019 |
| 2/20/19 to 3/31/19 | NASA John H. Glenn Research Research Association | Center at Lewis Field through Universities Space | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | 100 | | |
| C-125891-03-S6 | High Temperature Materials ar OY3 | d Coatings for Extreme Environments - | No | \$12,273 | \$3,191 | \$15,464 | \$15,464 |
| 2/29/19 to 9/30/19 | | Center at Lewis Field through Universities Space | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufacturing | g Engineering, De | partment of | 100 | | |
| C-125891-03-W7 | High Temperature Materials ar OY3 | d Coatings for Extreme Environments - | No | \$28,637 | \$7,446 | \$36,083 | \$36,083 |
| 5/3/19 to 9/30/19 | NASA John H. Glenn Research Research Association | Center at Lewis Field through Universities Space | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufacturing | a Engineering De | nartment of | 100 | | |

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| n-going projects with | new funds, i.e. not reported in a pr | evious fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|---|--|---|-----------------|-------------|-----------------------------|-------------|---------------|
| lechanical, Industria | I, and Manufacturing Engineering | , Department of | | | | | |
| C-126067-02 8/1/18 to 1/31/21 | Next Generation Ca-P Cements National Science Foundation | for Treating Vertebral-Body Fractures | No | \$70,556 | \$34,925 | \$105,481 | \$73,83 |
| Role PI/PD Co-PI | <u>Name</u> Bhaduri, Sarit B. Goel, Vijay K. | <u>Department</u> Mechanical, Industrial, and Manufacturing Bioengineering, Department of | Engineering, De | partment of | <u>% Credit</u> 70 30 | | |
| C-126067-03 | Next Generation Ca-P Cements | for Treating Vertebral-Body Fractures | No | \$72,467 | \$35,871 | \$108,338 | \$32,50 |
| 8/14/18 to 1/31/21 | National Science Foundation | | | | | | |
| Role PI/PD Co-PI | <u>Name</u> Goel, Vijay K. Bhaduri, Sarit B. | <u>Department</u> Bioengineering, Department of Mechanical, Industrial, and Manufacturing | Engineering, De | partment of | <u>% Credit</u> 70 30 | | |
| C-126256-04-W1 8/1/18 to 9/30/18 | Agreement With DARPA-OYr4 | search for Reimbursements Interagency Center at Lewis Field through Universities Space | No | \$22,954 | \$5,968 | \$28,922 | \$28,92 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing | Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-126256-05 10/1/18 to 3/31/19 | Agreement With DARPA-OYr4 | search for Reimbursements Interagency Center at Lewis Field through Universities Space | No | \$4,735 | \$1,231 | \$5,966 | \$5,96 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing | Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-126256-05-S1 11/1/18 to 3/31/19 | Agreement With DARPA-OYr4 | search for Reimbursements Interagency Center at Lewis Field through Universities Space | No | \$4,735 | \$1,231 | \$5,966 | \$5,96 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing | Engineering, De | partment of | <u>% Credit</u> 100 | | |
| C-127015-01-W1 9/15/18 to 9/30/18 | Sierra Nevada | search for Reimbursable task Plan with Center at Lewis Field through Universities Space | No | \$6,647 | \$1,728 | \$8,375 | \$8,37 |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturing | Engineering, De | partment of | <u>% Credit</u> 100 | | |

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| n-going projects with | new funds, i.e. not reported in a previous | fiscal year. | Cash? | <u>Direct Cost</u> | Indirect Cost | Total Award | <u>Credit</u> |
|------------------------------------|--|---|--------------------|--------------------|-----------------------------------|-------------|---------------|
| Mechanical, Industria | II, and Manufacturing Engineering, Depa | artment of | | | | | |
| C-127108-02 | Scalable production of boron nitride compressible flow exfoliation | , , , | No | \$22,808 | \$11,290 | \$34,098 | \$34,098 |
| 5/1/19 to 4/30/20 | NASA John H. Glenn Research Cente | r at Lewis Field | | | | | |
| Role PI/PD Co-PI | <u>Name</u> Rizvi, Syed Reza Ur Rehman Hixon, Duane | Department Mechanical, Industrial, and Manufacturin Mechanical, Industrial, and Manufacturin | | | <u>% Credit</u> 100 | | |
| C-127596-02 | Advanced Computational Simulation | of Multistage Turbomachinery | No | \$101,111 | \$20,222 | \$121,333 | \$121,333 |
| 4/1/19 to 9/30/19 | NASA John H. Glenn Research Cente | r at Lewis Field through Vantage Partners, | LLC | | | | |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturi | ng Engineering, De | partment of | <u>% Credit</u> 100 | | |
| D-123604-12-S1 10/1/18 to 3/31/19 | VPL-12-051 Multistage Turbomachine Development W141_628 NASA John H. Glenn Research Cente | ery Advanced Computational Tool r at Lewis Field through Vantage Partners, | No LLC | \$(99,806) | \$(19,961) | \$(119,767) | \$(119,767) |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Keith, Theo G. | Mechanical, Industrial, and Manufacturi | ng Engineering, De | partment of | 100 | | |
| D-127596-01 | Advanced Computational Simulation | of Multistage Turbomachinery | No | \$99,806 | \$19,961 | \$119,767 | \$119,767 |
| 10/1/18 to 3/31/19 | NASA John H. Glenn Research Cente | r at Lewis Field through Vantage Partners, | LLC | | | | |
| Role PI/PD | <u>Name</u> Keith, Theo G. | <u>Department</u> Mechanical, Industrial, and Manufacturii | ng Engineering, De | partment of | <u>% Credit</u> 100 | | |
| N-123149-01 | Materials Consortium | | Yes | \$(761) | \$0 | \$(761) | \$(761) |
| 1/1/12 to 12/31/12 | Materials Consortium | | | | | | |
| Role PI/PD | <u>Name</u> Bhaduri, Sarit B. | <u>Department</u> Mechanical, Industrial, and Manufacturii | ng Engineering, De | partment of | <u>% Credit</u> 100 | | |
| N-125817-01-W7 | The University of Toledo Rocket Fue | l Fund | No | \$0 | \$0 | \$0 | \$0 |
| 12/1/17 to 5/31/19 | Economic Development Administration | n through University of Toledo, Main Camp | us | | | | |
| Role PI/PD Co-PI Co-I | <u>Name</u> Parsai, E Ishmael Elahinia, Mohammad Elliott, David A. | Department Radiation Oncology, Department of Mechanical, Industrial, and Manufacturii Radiation Oncology, Department of | ng Engineering, De | partment of | <u>% Credit</u> 34 33 33 | | |
| N-127108-01 8/3/18 to 12/31/18 | Scalable production of boron nitride compressible flow exfoliation NASA John H. Glenn Research Cente | nano-sheets (BNNS) using | No | \$2,896 | \$1,433 | \$4,329 | \$4,329 |
| Role PI/PD | <u>Name</u> Rizvi, Syed Reza Ur Rehman | <u>Department</u> Mechanical, Industrial, and Manufacturii | ng Engineering, De | partment of | <u>% Credit</u> 100 | | |

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| | | | <u>Casii:</u> | Direct Cost | mullect Cost | <u>IOIAI AWAIU</u> | Credit |
|---------------------|--|---|----------------------|------------------|------------------------|--------------------|-----------------|
| · | ıl, and Manufacturing Engineering, De | • | | | | | |
| N-127230-01 | • | ity of Toledo: Advancing Equity by | No | \$250,000 | \$0 | \$250,000 | \$75,00 |
| 1/1/19 to 8/31/21 | Design Association of Public and Land Gran | at Universities | | | | | |
| Role | | | | | % Credit | | |
| PI/PD | <u>Name</u> Bartell. Denise Susan | <u>Department</u> Provost. Executive VP Academic Affairs | | | <u>% Credit</u> 50 | | |
| Co-I | Bartell, Derlise Susan Berhan, Lesley | Mechanical, Industrial, and Manufacturing E | Engineering Der | partment of | 30 | | |
| Co-I | McKether, Willie L. | Sociology and Anthropology, Department of | | artificiti of | 20 | | |
| N-127233-01 | Snow Test for Ford Vehicle Camera | | No | \$70,205 | \$34,751 | \$104,956 | \$104,95 |
| 3/1/19 to 12/31/19 | Ford Motor Company | • | 140 | Ψ10,200 | ψο, το τ | Ψ10-4,300 | Ψ10-1,50 |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Sojoudi, Hossein | Mechanical, Industrial, and Manufacturing E | Engineering Der | partment of | 70 Credit | | |
| N-127304-01 | | propylene films for oxygen barrier | No | \$12,072 | \$3,924 | \$15,996 | \$6,39 |
| 10/1/18 to 6/30/19 | Braskem S.A. | propylene mins for oxygen barrier | NO | \$12,072 | ψ5,924 | \$15,990 | φ0,53 |
| Role | | Department | | | % Credit | | |
| PI/PD | <u>Name</u> Lawrence, Joseph G. | <u>Department</u> Polymer Institute | | | <u>% Credit</u> 60 | | |
| Co-I | Jayatissa, Ahalapitiya H. | Mechanical, Industrial, and Manufacturing E | Engineering Der | partment of | 40 | | |
| N-127421-01 | I-CORPS Minimizing the risk of rac | | No | \$45,000 | \$5,000 | \$50,000 | \$50,00 |
| 3/15/19 to 8/31/20 | National Science Foundation | mation to prostate cancer patients | NO | φ45,000 | φ5,000 | \$30,000 | φ30,00 |
| Role | | Department | | | % Credit | | |
| PI/PD | <u>Name</u> Elahinia. Mohammad | <u>Department</u> Mechanical, Industrial, and Manufacturing E | Engineering Der | partment of | <u>% Credit</u> 100 | | |
| N-127548-01 | A Global Hybrid LES/RANS Model | - | No | \$35,024 | \$9,106 | \$44,130 | \$44,13 |
| N-12/540-UI | Applications | Tor High Speed Aerodynamic | NO | \$35,024 | \$9,100 | \$44,130 | 744, 1 3 |
| 5/13/19 to 5/12/20 | • • | ugh Southwestern Ohio Council for Higher Educ | ation | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Sheng, Chunhua | Mechanical, Industrial, and Manufacturing E | - -naineerina Der | partment of | 100 | | |
| N-127638-01 | Mitigation of Snow Formation and | | No | \$17,071 | \$8,450 | \$25,521 | \$25,52 |
| 2. 000 0 1 | Clearway Energy Group | | | 4.1.,0.1. | 40, 100 | 420,02 . | 420,02 |
| 6/28/19 to 6/27/20 | Clearway Energy | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Sojoudi, Hossein | Mechanical, Industrial, and Manufacturing E | Engineering, Dep | partment of | 100 | | |
| N-127865-01 | Dana contract: Vehicle Mechatron | ics Certificate Program | No | \$296,226 | \$22,774 | \$319,000 | \$255,20 |
| 5/25/19 to 12/31/21 | Dana Corporation | _ | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Elahinia, Mohammad | Mechanical, Industrial, and Manufacturing E | Engineering, Dep | artment of | 80 | | |
| Co-I | Hefzy, Mohamed Samir | Administration, College of Engineering | Jg, 2-9 | | 10 | | |
| Co-I | Relue, Patricia Ann | Bioengineering, Department of | | | 10 | | |
| Co-I | Schroeder, Adam Michael | Mechanical, Industrial, and Manufacturing E | Engineering, Dep | artment of | | | |

Dept Award

Credit

Total Award

Direct Cost

Indirect Cost

Cash?

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| la abania al lu divetido | and Manufacturing Fusingsoins F | Deventure and of | <u>Cash?</u> | <u>Direct Cost</u> | Indirect Cost | Total Award | Credit |
|--------------------------------------|--|---|------------------|----------------------|-----------------|-------------|-----------|
| ecnanicai, industriai R-106736-18 | , and Manufacturing Engineering, D The University of Toledo Pollution | · | No | \$84,043 | \$29,102 | \$113,145 | \$22,6 |
| 10/1/18 to 9/30/20 | U.S. Environmental Protection Age | · | 110 | 404,040 | Ψ20,102 | ψ110,140 | Ψ22,0 |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Kumar, Ashok | Civil Engineering, Department of | | | 80 | | |
| Co-I | Franchetti, Matthew J. | Mechanical, Industrial, and Manufacturing E | ngineering, Dep | partment of | 20 | | |
| R-106736-18-I01 | The University of Toledo Pollution | | No | \$68,275 | \$33,795 | \$102,070 | \$20,4 |
| 5/9/19 to 9/30/20 | U.S. Environmental Protection Age | ency | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Kumar, Ashok | Civil Engineering, Department of | | | 80 | | |
| Co-I | Franchetti, Matthew J. | Mechanical, Industrial, and Manufacturing E | ngineering, Dep | partment of | 20 | | |
| S-125649-01-S1 | Collaborative Research: Researc | h Initiation: Factors Affecting | No | \$16,188 | \$8,013 | \$24,201 | \$8,2 |
| | Underrepresented Minority Stude | ent Success and Pathways to | | | | | |
| | Engineering Careers at Majority a | and Minority Institutions | | | | | |
| 9/1/18 to 9/30/19 | National Science Foundation | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Berhan, Lesley | Mechanical, Industrial, and Manufacturing E | ngineering, Dep | partment of | 34 | | |
| Co-I | Kumar, Revathy | Educational Foundations and Leadership | | | 33 | | |
| Co-I | McKether, Willie L. | Sociology and Anthropology, Department of | | | 33 | | |
| S-126067-01-S1 | Next Generation Ca-P Cements for | or Treating Vertebral-Body Fractures | No | \$21,723 | \$10,753 | \$32,476 | \$32,4 |
| 7/27/18 to 1/31/21 | National Science Foundation | | | | | | _ |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Bhaduri, Sarit B. | Mechanical, Industrial, and Manufacturing E | ngineering, Dep | partment of | 100 | | |
| Co-PI | Goel, Vijay K. | Bioengineering, Department of | | | | | |
| Stdnt Schol | Sikder, Prabaha | Mechanical, Industrial, and Manufacturing E | ngineering, Dep | partment of | | | |
| | | Sum of Department (Mechanical, Inc | lustrial, and Ma | anufactu Awar | d Count: 105.57 | | \$3,259,6 |
| olymer Institute | | | | | | | |
| C-126736-02 | Regionally Aligned Priorities in D | elivering Skills (RAPIDS 3.0) | No | \$361,749 | \$0 | \$361,749 | \$122,9 |
| 12/25/18 to 12/31/21 | Ohio Department of Higher Educat | tion | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Lawrence, Joseph G. | Polymer Institute | | | 34 | | |
| Co-I | Cameron, Brent D. | Bioengineering, Department of | | | 33 | | |
| Co-I | Relue, Patricia Ann | Bioengineering, Department of | | | 33 | | |
| N-127304-01 | Evaluation of SiOx coating on po | lypropylene films for oxygen barrier | No | \$12,072 | \$3,924 | \$15,996 | \$9, |
| 10/1/18 to 6/30/19 | Braskem S.A. | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| | | | | | 60 | | l |
| PI/PD | Lawrence, Joseph G. | Polymer Institute | | | 00 | | |

Dept Award

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| This report does not show all projects that were active in FY19. This report shows only new and on-going projects with new funds, i.e. not reported in a previous fiscal year. | <u>Cash?</u> | Direct Cos | st Indirect Cost | Total Award | Dept Award Credit |
|--|-----------------------------|--------------|---------------------------|-------------|----------------------|
| Sum of I | Department (Polymer | Institute) A | ward Count: 0.94 | | \$132,592 |
| Sum of Co | llege (Engineering, C | ollege of) A | ward Count: 142.62 | | \$8,131,254 |

Facilities

This report does not show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| | | | | Dept Award |
|-------|-------------|---------------|-------------|---------------|
| Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |

Dana Conference Center

| 25739-01 | Parent Site: Case Comprehens | sive Cancer Center | Yes | \$18,920 | \$0 | \$18,920 | |
|----------------|-----------------------------------|---|-----------|---------------|----------|----------|--|
| 16 to 12/31/26 | National Cancer Institute through | h Case Western Reserve University/Case Medical Center | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Chen, Changhu | Radiation Oncology, Department of | | | 100 | | |
| Co-I | Chaudhuri, Prabir | Surgery, Department of | | | | | |
| Co-I | Jain, Samay | Medicine, Department of | | | | | |
| Co-I | Klepacz, Daniel S. | Medicine, Department of | | | | | |
| Co-I | Klepacz, Heather | | | | | | |
| Co-I | Mohamed, Iman E. | Medicine, Department of | | | | | |
| Co-I | Reddy, Krishna | Dana Conference Center | | | | | |
| Co-I | Shahrour, Khaled | Medicine, Department of | | | | | |
| Co-I | Skeel, Roland | Medicine, Department of | | | | | |
| Co-I | Verghese, Cherian | Medicine, Department of | | | | | |
| | | Sum of Department (Dana C | onference | Center) Award | Count: | | |

Sum of College (Facilities) Award Count:

Graduate Studies

This report does not show all projects that were active in FY19. This report shows only new and Dept Award on-going projects with **new** funds, i.e. not reported in a previous fiscal year. Cash? **Direct Cost Indirect Cost Total Award** Credit

Graduate Studies, College of

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Graduate Studies

N-127573-01

6/18/19 to 3/31/20

Role

PI/PD

School of Exercise Rehab Sciences

| • | now all projects that were active in I new funds, i.e. not reported in a pre | FY19. This report shows only new and evious fiscal year. | <u>Cash?</u> | Direct Cost | Indirect Cost | <u>Total Award</u> | Dept Award Credit |
|---------------------------------|---|--|-----------------------|--------------------|-----------------------------------|--------------------|----------------------|
| Graduate Studies, Co | lleae of | | | | | | |
| C-125527-04 2/29/16 to 2/28/19 | A Phase 3 Study to Evaluate th Combination with Estradiol/No | e Efficacy and Safety of Elagolix in rethindrone Acetate for the Management ssociated with Uterine Fibroids in | No | \$9,730 | \$2,919 | \$12,649 | \$6,325 |
| Role PI/PD PI/PD Co-I | <u>Name</u> Neuhoff, Ronica Smaili, Sleiman K. Brodsky, Burton S. | <u>Department</u> Obstetrics & Gynecology, Department of Graduate Studies, College of Obstetrics & Gynecology, Department of | | | <u>% Credit</u> 35 50 15 | | |
| C-125671-03 7/1/18 to 6/30/19 | - | e Safety and Efficacy of Elagolix in rethindrone Acetate in Subjects with osis-Associated Pain | No | \$4,110 | \$1,233 | \$5,343 | \$1,069 |
| Role PI/PD Co-I Co-I | <u>Name</u> Smaili, Sleiman K. Brodsky, Burton S. Neuhoff, Ronica | <u>Department</u> Graduate Studies, College of Obstetrics & Gynecology, Department of Obstetrics & Gynecology, Department of | | | <u>% Credit</u> 20 20 60 | | |
| | | Sum of Department (Gradua t | te Studies, Co | ollege of) Awa | rd Count: 0.70 | | \$7,393 |
| | | Sum of Colle | ege (Graduate | Studies) Awa | rd Count: 0.70 | | \$7,393 |
| Γhis report does not sh | n Services, College of now all projects that were active in I new funds, i.e. not reported in a pre | FY19. This report shows only new and evious fiscal year. | <u>Cash?</u> | <u>Direct Cost</u> | Indirect Cost | <u>Total Award</u> | Dept Award Credit |
| Health Sciences, Coll | ege of | | | | | | |

\$0

% Credit

100

No

Sum of Department (Health Sciences, College of) Award Count: 1.00

\$2,500

\$2,500

\$2,500

\$2,500

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Novel assessment of Quadriceps Motor Unit Behavior after anterior

Department

Health Sciences, College of

cruciate ligament reconstruction

Norte, Grant Edward

<u>Name</u>

NATA Research & Education Foundation

This report does not show all projects that were active in FY19. This report shows only new and

| | ow all projects that were active in FY19 | | | | | | Dept Award |
|--------------------------|--|-----------------------------------|-----------------|---------------|----------------|-------------|------------|
| on-going projects with r | new funds, i.e. not reported in a previou | s liscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
| School of Exercise Re | hab Sciences | | | | | | |
| N-126817-01 | Use of Nordic Hamstring Exercise to | o Improve Hamstrings Function | No | \$10,000 | \$0 | \$10,000 | \$10,000 |
| 7/2/18 to 6/30/20 | American College of Sports Medicine | Foundation | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Norte, Grant Edward | School of Exercise Rehab Sciences | | | 90 | | |
| Co-I | Glaviano, Neal Robert | School of Exercise Rehab Sciences | | | 10 | | |
| N-127341-01 | Push4Prevention Community Stipe | nd at UT | No | \$2,500 | \$0 | \$2,500 | |
| 11/29/18 to 5/31/19 | Prevention Action Alliance | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Glassman, Tavis J. | School of Population Health | | | 100 | | |
| Co-I | McKenzie, Nicole Lynn | School of Exercise Rehab Sciences | | | | | |
| N-127436-01 | Relationship Between the Lumbope and Lower Limb Biomechanics Dur After Fatigue | | No | \$475 | \$0 | \$475 | \$47 |
| 1/1/19 to 12/31/19 | Ohio Athletic Trainers' Association | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Glaviano, Neal Robert | School of Exercise Rehab Sciences | | | 100 | | |
| N-127437-01 | The Effect of Trunk Positioning on (| Quadriceps and Gluteal Activation | No | \$475 | \$0 | \$475 | \$47 |
| | During Running | | | | | | |
| 12/12/18 to 12/31/19 | Ohio Athletic Trainers' Association | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | |] |
| PI/PD | Glaviano, Neal Robert | School of Exercise Rehab Sciences | | | 100 | | |
| | | Sum of Department (School of E | xercise Rehab S | Sciences) Awa | rd Count: 3.00 | | \$10,95 |
| School of Intervention | & Wellness | | | | | | |
| N-127086-01 | Educating a Community Within a Co | • | No | \$115,734 | \$9,259 | \$124,993 | \$12,49 |
| | and Green Zone Training at the Univ | | | | | | |
| 9/30/18 to 9/29/19 | Substance Abuse and Mental Health | Services Administration | | | | | , |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Lewandowski, Linda A. | Nursing, College of | | | 20 | | |
| Co-I | Gray, Temeaka A. | Nursing, College of | | | 10 | | |
| Co-I | Johnson, Tressa S. | University Police | | | 10 | | |
| Co-I | Laux, John Micah | School of Intervention & Wellness | | | 10 | | |
| Co-I | McCullumsmith, Cheryl Beth | Psychiatry, Department of | | | 10 | | |
| Co-I | Petra, Megan Meta | School of Social Justice | | | 10 | | 1 |

Sum of Department (School of Intervention & Wellness) Award Count: 0.10

School of Population Health

Human Resources

\$12,499

10

20

School of Population Health

Riddick, Vicki L.

Thompson, Amy J.

Co-I

Co-I

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| on-going projects with | new funds, i.e. not reported in a previou | s fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
|------------------------|--|---|-------|-------------|---------------|-------------|----------|
| School of Population | Health | | | | | | |
| C-101313-13 | NIOSH Training Grant Project: Indus | strial Hygiene-UniversityToledo | No | \$70,704 | \$1,225 | \$71,929 | \$71,929 |
| 7/1/18 to 6/30/19 | National Institute for Occupational Sa | fety and Health | | | | | |
| Role | Name | <u>Department</u> | | | % Credit | | |
| PI/PD | Ames, April L. | School of Population Health | | | 95 | | |
| Co-I | Akbar-Khanzadeh, Farhang | School of Population Health | | | 5 | | |
| C-124040-02-S1 | Health Promotion Coach Agreemen | t | No | \$5,953 | \$595 | \$6,548 | \$6,548 |
| 11/9/18 to 5/31/19 | Board of County (Lucas) Commission | ners | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Boardley, Debra J. | School of Population Health | | | 100 | | |
| C-126524-03 | Increasing Access of Trauma-Inform | ned Care by CPS-Involved Youth and | No | \$30,188 | \$9,811 | \$39,999 | \$39,999 |
| | Families | | | | | | |
| 9/30/18 to 9/29/19 | Substance Abuse and Mental Health | Services Administration through ProMedica H | ealth | | | | |
| | System | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Dake, Joseph | School of Population Health | | | 100 | | |
| N-127086-01 | Educating a Community Within a Co | ommunity: Mental Health First Aid | No | \$115,734 | \$9,259 | \$124,993 | \$24,999 |
| | and Green Zone Training at the Univ | versity of Toledo and Beyond | | | | | |
| 9/30/18 to 9/29/19 | Substance Abuse and Mental Health | Services Administration | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Lewandowski, Linda A. | Nursing, College of | | | 20 | | |
| Co-I | Gray, Temeaka A. | Nursing, College of | | | 10 | | |
| Co-I | Johnson, Tressa S. | University Police | | | 10 | | |
| Co-I | Laux, John Micah | School of Intervention & Wellness | | | 10 | | |
| Co-I | McCullumsmith, Cheryl Beth | Psychiatry, Department of | | | 10 | | |
| Co-I | Petra, Megan Meta | School of Social Justice | | | 10 | | |
| Co-I | Riddick, Vicki L. | Human Resources | | | 10 | | |
| Co-I | Thompson, Amy J. | School of Population Health | | | 20 | | |

Dept Award

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| 1-going projects with | new lunds, i.e. not reported in a previou | us iiscai year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
|-------------------------------------|---|---|--------------|---------------|----------------------------|-------------|----------|
| chool of Population | Health | | | | | | |
| N-127179-01 11/7/18 to 6/30/19 | Medicaid Equity Simulation Project Equity And Care (PAEC) Centers for Medicare and Medicaid | Services through Ohio State University | No | \$1,126,799 | \$107,300 | \$1,234,099 | \$308,5 |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Dworkin, Lance | Medicine, Department of | | | 50 | | |
| Co-I | Altorok, Nezam | , I | | | | | |
| Co-I | Casabianca, Andrew | Anesthesiology, Department of | | | | | |
| Co-I | Hinch, Bryan Thomas | Resid Prgm-Medicine | | | | | |
| Co-I | Jones, Whitney W. | Medicine, Department of | | | | | |
| Co-I | Papadimos, Thomas J. | Anesthesiology, Department of | | | 5 | | |
| Co-I | Pappada, Scott Michael | Anesthesiology, Department of | | | 20 | | |
| Co-I | Riese, Amy | Resid Prgm-Psychiatry | | | | | |
| Co-I | Singh, Shipra | School of Population Health | | | 25 | | |
| Co-I | Williams, Kristi | Psychiatry, Department of | | | | | |
| N-127195-01 | Role of Reduced Nitric Oxide in Fo | rmation of Early-Stage Breast | No | \$50,989 | \$0 | \$50,989 | |
| | Lesions | | | | | | |
| 7/23/18 to 7/31/23 | University of Toledo Foundation | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Furuta, Saori | Cancer Biology, Department of | | | 100 | | |
| Co-PI | Al Agha, Abdelraof Ibrahim | Physician Assistant Studies | | | | | |
| Co-PI | Isailovic, Dragan | Chemistry and Biochemistry, Department of | | | | | |
| Co-PI | Khuder, Sadik | School of Population Health | | | | | |
| Co-PI | Sun, Hongliu | Pathology, Department of | | | | | |
| N-127341-01 | Push4Prevention Community Stipe | end at UT | No | \$2,500 | \$0 | \$2,500 | \$2,50 |
| 11/29/18 to 5/31/19 | Prevention Action Alliance | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Glassman, Tavis J. | School of Population Health | | | 100 | | |
| Co-I | McKenzie, Nicole Lynn | School of Exercise Rehab Sciences | | | | | |
| N-127551-01 | Sexual and Reproductive Health | | No | \$9,091 | \$909 | \$10,000 | \$10,00 |
| 5/1/19 to 4/30/20 | Indiana University | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Mc Bride, Kimberly Rae | School of Population Health | | | 100 | | |
| | | Sum of Department (School e | of Populatio | n Health) Awa | rd Count: 5.45 | | \$464,49 |
| | | | | | | | |
| chool of Social Just | ice | | | | | | |
| chool of Social Just C-124919-05 | Healthy Start Initiative: Eliminating | | No | \$61,841 | \$6,184 | \$68,025 | \$68,02 |
| | Healthy Start Initiative: Eliminating | រ Racial/Ethnic Disparities istration through Lucas County Regional Health Dis | | \$61,841 | \$6,184 | \$68,025 | \$68,02 |
| C-124919-05 | Healthy Start Initiative: Eliminating | | | \$61,841 | \$6,184 <u>% Credit</u> | \$68,025 | \$68,02 |

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| n-going projects with | new funds, i.e. not reported in a previou | s fiscal year. | Cash? | <u>Direct Cost</u> | Indirect Cost | Total Award | <u>Credit</u> |
|-----------------------|--|--|--------------|--------------------|---------------|-------------|---------------|
| School of Social Just | tice | | | | | | |
| C-124919-06 | Healthy Start Initiative: Eliminating | Racial/Ethnic Disparities | No | \$43,181 | \$4,319 | \$47,500 | \$47,500 |
| 4/1/19 to 3/31/20 | Health Resources & Services Adminis | stration through Lucas County Regional Hea | Ith District | | | | |
| Role | Name_ | Department | | | % Credit | | |
| PI/PD | Williamson, Celia | School of Social Justice | | | 100 | | |
| N-126680-01 | HT Prevention Project | | No | \$24,707 | \$2,471 | \$27,178 | \$27,178 |
| 11/6/18 to 6/30/19 | Ohio Children's Trust Fund | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Williamson, Celia | School of Social Justice | | | 100 | | |
| N-127027-01 | Engaging Language Professionals 1 | for Patient-Centered Outcomes | No | \$22,840 | \$9,136 | \$31,976 | \$31,976 |
| | Research with Latino Communities | | | | | | |
| 9/1/18 to 8/31/20 | Patient Centered Outcomes Research | h Institute through Ohio State University | | | | | _ |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Guardiola, Louis | School of Social Justice | | | 100 | | |
| N-127086-01 | Educating a Community Within a Co | ommunity: Mental Health First Aid | No | \$115,734 | \$9,259 | \$124,993 | \$12,499 |
| | and Green Zone Training at the Univ | versity of Toledo and Beyond | | | | | |
| 9/30/18 to 9/29/19 | Substance Abuse and Mental Health | Services Administration | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Lewandowski, Linda A. | Nursing, College of | | | 20 | | |
| Co-I | Gray, Temeaka A. | Nursing, College of | | | 10 | | |
| Co-I | Johnson, Tressa S. | University Police | | | 10 | | |
| Co-I | Laux, John Micah | School of Intervention & Wellness | | | 10 | | |
| Co-I | McCullumsmith, Cheryl Beth | Psychiatry, Department of | | | 10 | | |
| Co-I | Petra, Megan Meta | School of Social Justice | | | 10 | | |
| Co-I | Riddick, Vicki L. | Human Resources | | | 10 | | |
| Co-I | Thompson, Amy J. | School of Population Health | | | 20 | | |
| N-127402-01 | Healthy Start Initiative: Eliminating | Disparities in Perinatal Health | No | \$43,181 | \$4,319 | \$47,500 | \$47,500 |
| 4/1/19 to 3/31/20 | Health Resources & Services Adminis | stration through Lucas County Regional Hea | Ith District | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Williamson, Celia | School of Social Justice | | | 100 | | |
| N-127439-01 | Human Trafficking ECMC Foundation | on | No | \$106,075 | \$10,608 | \$116,683 | \$116,683 |
| 5/1/19 to 4/30/20 | Educational Credit Management Corp | poration Foundation | | | | | |
| Role | Name | Department | | | % Credit | |] |
| PI/PD | Williamson, Celia | School of Social Justice | | | 100 | | |
| Co-I | Guardiola, Louis | School of Social Justice | | | | | |

Dept Award

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| new lunds, i.e. not reported in a prev | nous liscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
|--|--|---|--|--|------------------|------------------|
| ice | | | | | | |
| NWO Pathways HUB | | No | \$13,044 | \$1,956 | \$15,000 | \$15,000 |
| Hospital Council of Northwest Ohi | o through Ohio Commission on Minority Health | | | | | |
| <u>Name</u> | <u>Department</u> | | | % Credit | | |
| Williamson, Celia | School of Social Justice | | | 100 | | |
| Human Trafficking Pathways Pro | pject | No | \$35,000 | \$0 | \$35,000 | \$35,000 |
| Stranahan Foundation | | | | | | |
| <u>Name</u> | <u>Department</u> | | | % Credit | | |
| Williamson, Celia | School of Social Justice | | | 100 | | |
| Center for Student Advocacy & \ | Vellness | No | \$261,278 | \$26,127 | \$287,405 | \$287,405 |
| U.S. Department of Justice through | nh Ohio Attorney General | | | | | |
| <u>Name</u> | <u>Department</u> | | | % Credit | | |
| Tucker-Gail, Kasey A. | School of Social Justice | | | 100 | | |
| Partners Against Human Traffick | ing Project | No | \$50,000 | \$0 | \$50,000 | \$50,000 |
| Toledo Community Foundation | | | | | | |
| <u>Name</u> | <u>Department</u> | | | % Credit | | |
| Williamson, Celia | School of Social Justice | | | 100 | | |
| | Sum of Department | (School of Socia | l Justice) Awa | rd Count: 10.10 | | \$738,766 |
| | Sum of College (Health & Hu | ıman Services, C | ollege of) Awa | rd Count: 19.65 | | \$1,229,215 |
| | NWO Pathways HUB Hospital Council of Northwest Ohit Name Williamson, Celia Human Trafficking Pathways Pro Stranahan Foundation Name Williamson, Celia Center for Student Advocacy & V U.S. Department of Justice through Name Tucker-Gail, Kasey A. Partners Against Human Traffick Toledo Community Foundation Name | NWO Pathways HUB Hospital Council of Northwest Ohio through Ohio Commission on Minority Health Name | ice NWO Pathways HUB No Hospital Council of Northwest Ohio through Ohio Commission on Minority Health Name Williamson, Celia School of Social Justice Human Trafficking Pathways Project Stranahan Foundation Name Williamson, Celia School of Social Justice Center for Student Advocacy & Wellness V.S. Department of Justice through Ohio Attorney General Name Tucker-Gail, Kasey A. School of Social Justice Partners Against Human Trafficking Project Toledo Community Foundation Name Williamson, Celia School of Social Justice Sum of Department (School of Social Justice | ice NWO Pathways HUB Hospital Council of Northwest Ohio through Ohio Commission on Minority Health Name Williamson, Celia School of Social Justice Human Trafficking Pathways Project Stranahan Foundation Name Williamson, Celia School of Social Justice Center for Student Advocacy & Wellness U.S. Department of Justice through Ohio Attorney General Name Tucker-Gail, Kasey A. School of Social Justice Partners Against Human Trafficking Project Toledo Community Foundation Name Separtment Williamson, Celia School of Social Justice Sum of Department (School of Social Justice) Aware Sum of Department (School of Social Justice) | NWO Pathways HUB | NWO Pathways HUB |

Human Resources

This report does **not** show all projects that were active in FY19. This report shows only new and

| • | new funds, i.e. not reported in a previou | | <u>Cash?</u> | Direct Cost | Indirect Cost | Total Award | Dept Award Credit |
|-----------------------------------|---|-----------------------------------|--------------|-------------|---------------|-------------|----------------------|
| luman Resources | | | | | | | |
| N-127086-01 9/30/18 to 9/29/19 | Educating a Community Within a Co and Green Zone Training at the Univ Substance Abuse and Mental Health | versity of Toledo and Beyond | No | \$115,734 | \$9,259 | \$124,993 | \$12,49 <u>9</u> |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Lewandowski, Linda A. | Nursing, College of | | | 20 | | |
| Co-I | Gray, Temeaka A. | Nursing, College of | | | 10 | | |
| Co-I | Johnson, Tressa S. | University Police | | | 10 | | |
| Co-I | Laux, John Micah | School of Intervention & Wellness | | | 10 | | |
| Co-I | McCullumsmith, Cheryl Beth | Psychiatry, Department of | | | 10 | | |
| Co-I | Petra, Megan Meta | School of Social Justice | | | 10 | | |
| Co-I | Riddick, Vicki L. | Human Resources | | | 10 | | |
| Co-I | Thompson, Amy J. | School of Population Health | | | 20 | | |

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Dept Award

Human Resources

| This report does not show all projects that were active in FY19. This report shows only new and on-going projects with new funds, i.e. not reported in a previous fiscal year. | <u>Cash?</u> | Direct Cost | Indirect Cost | <u>Total Award</u> | Dept Award Credit |
|--|--------------------------|---------------|----------------|--------------------|----------------------|
| Sum of Departs | ment (Human Re | sources) Awa | rd Count: 0.10 | | \$12,499 |
| Sum of Co | ollege (Human Re | esources) Awa | rd Count: 0.10 | | \$12,499 |

Human Resources & Campus Safety

This report does **not** show all projects that were active in FY19. This report shows only new and

| • | on-going projects with new funds, i.e. not reported in a previous fiscal year. | | | Direct Cost | Indirect Cost | Total Award | Dept Award Credit |
|-----------------|---|----------------------------------|---------------|---------------|-----------------|-------------|----------------------|
| VP for HR & Ca | mpus Safety | | | | | | |
| N-127881-01 | Chandrasekhar Collection Project | | No | \$50,000 | \$0 | \$50,000 | \$50,000 |
| 6/1/19 to 5/31/ | 20 University of Toledo Foundation | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Johnson, Daniel M. | VP for HR & Campus Safety | | | 100 | | |
| | | Sum of Department (VP fo | r HR & Campus | Safety) Awa | ard Count: 1.00 | | \$50,000 |
| | | Sum of College (Human Resor | urces & Campu | s Safety) Awa | ard Count: 1.00 | | \$50,000 |

Law, College of

This report does not show all projects that were active in FY19. This report shows only new and Dept Award on-going projects with **new** funds, i.e. not reported in a previous fiscal year. Credit Cash? Direct Cost Indirect Cost Total Award

| | | | <u>Casii:</u> | Direct Cost | indirect Cost | <u>IOIai Awaiu</u> | Orcuit |
|--------------------|---------------------------------|-----------------------------------|---------------|-------------|---------------|--------------------|----------|
| Law, College of | | | | | | | |
| N-127111-01 | Clinic Grant | versy Clinic- Low Income Taxpayer | No | \$6,208 | \$2,017 | \$8,225 | \$8,225 |
| 1/1/19 to 12/31/19 | U.S. Department of the Treasury | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Rapp, Geoffrey | Law, College of | | | 100 | | |
| Co-I | Bourell, Christopher L. | Law, College of | | | 0 | | |
| N-127582-01 | Great Lakes - St. Lawrence Rive | er Basin Water Resources Compact | No | \$36,522 | \$5,478 | \$42,000 | \$42,000 |
| 6/3/19 to 10/31/19 | Joyce Foundation | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Kilbert, Kenneth K. | Law, College of | | | 100 | | |
| Stdnt Schol | Merkle, Aubrey E. | Law, College of | | | | | |
| Stdnt Schol | Miller, Forrest G. | Law, College of | | | | | |

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Law, College of

| This report does not show all projects that were active in FY19. This report shows only new and | |
|--|--|
| on-going projects with new funds, i.e. not reported in a previous fiscal year. | |

| • | new funds, i.e. not reported in a prev | rious fiscal year. | | ect Cost | Indirect Cost | Total Award | Dept Award Credit |
|-----------------------------------|---|---|---------------------------------|----------|------------------------|-------------|----------------------|
| ₋aw, College of | | | | | | | |
| S-127111-01 1/1/19 to 12/31/19 | University of Toledo Tax Controv Clinic Grant U.S. Department of the Treasury | versy Clinic- Low Income Taxpaye | r No | \$18,623 | \$6,052 | \$24,675 | \$24,675 |
| Role PI/PD Co-I | <u>Name</u> Rapp, Geoffrey Bourell, Christopher L. | <u>Department</u> Law, College of Law, College of | | | <u>% Credit</u> 100 | | |
| | | • | Sum of Department (Law, College | of) Awa | rd Count: 3.00 | | \$74,900 |
| | | | Sum of College (Law, College | of) Awa | rd Count: 3.00 | | \$74,900 |

Medical Services

This report does not show all projects that were active in FY19. This report shows only new and on going projects with new funds, i.e. not reported in a provious fiscal year

| on-going projects with | n new funds, i.e. not reported in a | orevious fiscal year. | <u>Cash?</u> | Direct Cost | Indirect Cost | Total Award | Credit |
|------------------------|--|-----------------------|----------------------------|--------------|-----------------------|-------------|---------|
| Pharmacy | | | | | | | |
| N-127244-01 | Study of alkenones in lipstic | ks and lip balms | No | \$6,439 | \$2,061 | \$8,500 | \$8,500 |
| 9/1/18 to 5/31/19 | Woods Hole Oceanographic II | nstitution | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Baki, Gabriella | Pharmacy | | | 100 | | |
| | | | Sum of Department (Pha | armacy) Awa | rd Count: 1.00 | | \$8,500 |
| | | | Sum of College (Medical Se | ervices) Awa | rd Count: 1.00 | | \$8.500 |

Dept Award

Dept Award

Credit

Total Award

Medicine and Life Sciences, College of

This report does not show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| AHEC | | | | | | | | |
|----------|--------------|---------------------------------|---------------------|----|-----------|----------|-----------|-----------|
| C-0103 | 36-25 | AHEC Point of Service Maintena | nce and Enhancement | No | \$921,728 | \$5,272 | \$927,000 | \$927,000 |
| 9/1/18 t | o 8/31/19 | Health Resources & Services Adr | ministration | | | | | |
| | Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| | PI/PD | Combs, Courtney Kay | AHEC | | | 100 | | |
| | Dir Ctr/Inst | Miller, Patsy J. | AHEC | | | | | |

Cash?

Direct Cost

Indirect Cost

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| • | new funds, i.e. not reported in a previou | , | 010 | Di | l | T-4-1 A | Dept Award |
|----------------------|--|--|-----------------|------------------------|-----------------|-------------|----------------------|
| | | | <u>Cash?</u> | <u>Direct Cost</u> | Indirect Cost | Total Award | <u>Credit</u> |
| AHEC | | | | | | | |
| S-010336-25-S1 | AHEC Point of Service Maintenance | and Enhancement | No | \$223,222 | \$0 | \$223,222 | \$223,222 |
| 9/1/18 to 8/31/19 | Division of Medicine | | | | | | _ |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | 7 |
| PI/PD | Combs, Courtney Kay | AHEC | | | 100 | | |
| Dir Ctr/Inst | Miller, Patsy J. | AHEC | | | | | |
| | | | Sum of Departme | ent (AHEC) Awa | ard Count: 2.00 | | \$1,150,222 |
| Anesthesiology, Depa | artment of | | | | | | |
| C-127000-02 | Ohio Opioid Analytics Project | | No | \$75,518 | \$7,552 | \$83,070 | \$27,413 |
| 7/3/18 to 6/30/19 | Ohio Colleges of Medicine Governme | ent Resource Center through Ohio State | e University | | | | _ |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | 7 |
| PI/PD | McCullumsmith, Cheryl Beth | Psychiatry, Department of | | | 34 | | |
| Co-I | Boose, Michelle Delores | Family Medicine, Department of | | | 33 | | |
| Co-I | Pappada, Scott Michael | Anesthesiology, Department of | | | 33 | | |
| N-124116-01 | A Randomized, Double-Blind, Doub | le-Dummy, Placebo-Controlled, | Yes | \$9,234 | \$2,770 | \$12,004 | \$10,80 ² |
| | Active-Controlled, Parallel-Group, N | Multicenter Trial of | | | | | |
| | Oxycodone/Naloxone Controlled-Re | elease Tablets (OXN) to Assess the | | | | | |
| | Analgesic Efficacy (Compared to P | acebo) and the Management of | | | | | |
| | Opioid-Induced Constipation | | | | | | |
| 6/24/13 to 6/23/14 | Purdue Pharma L.P. through Quintile | s, Inc. | | | | | _ |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | 1 |
| PI/PD | Atallah, Joseph Noshi | Anesthesiology, Department of | | | 60 | | |
| Co-I | Dugan, Amy L. | Nursing, College of | | | 10 | | |
| Co-I | Gage, Emmanuel G. | Anesthesiology, Department of | | | 10 | | 1 |
| Co-I | Koning, Jonathan | Anesthesiology, Department of | | | 10 | | 1 |
| Co-I | Sarhan, Mazin | Anesthesiology, Department of | | | 10 | | |

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| | | | <u>Odon:</u> | Direct Cost | maircot Gost | Total / Wald | Orodit |
|--|---|--|-----------------|----------------|-----------------------------|---------------|----------------|
| nesthesiology, Depa | artment of | | | | | | |
| N-127179-01 | Medicaid Equity Simulation Proje | ct MEDTAPP Providers As Allies In | No | \$1,126,799 | \$107,300 | \$1,234,099 | \$308,52 |
| | Equity And Care (PAEC) | | | | | | |
| 11/7/18 to 6/30/19 | Centers for Medicare and Medicaid | Services through Ohio State University | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Dworkin, Lance | Medicine, Department of | | | 50 | | |
| Co-I | Altorok, Nezam | • | | | | | |
| Co-I | Casabianca, Andrew | Anesthesiology, Department of | | | | | |
| Co-I | Hinch, Bryan Thomas | Resid Prgm-Medicine | | | | | |
| Co-I | Jones, Whitney W. | Medicine, Department of | | | | | |
| Co-I | Papadimos, Thomas J. | Anesthesiology, Department of | | | 5 | | |
| Co-I | Pappada, Scott Michael | Anesthesiology, Department of | | | 20 | | |
| Co-I | Riese, Amy | Resid Prgm-Psychiatry | | | | | |
| Co-I | Singh, Shipra | School of Population Health | | | 25 | | |
| Co-I | Williams, Kristi | Psychiatry, Department of | | | | | |
| | | Sum of Department (Anesth | esiology, Depar | tment of) Awar | d Count: 1.48 | | \$346,7 |
| ancer Biology, Depa | artment of | | | | | | |
| C-125800-02 | _ | poietin-like Protein RIFL/Angptl8 in | No | \$50,000 | \$26,750 | \$76,750 | \$76,7 |
| | Hepatocellular Carcinoma | | | | | | |
| 9/1/18 to 8/31/20 | National Cancer Institute | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Smas, Cynthia M. | Cancer Biology, Department of | | | 100 | | |
| Stdnt Schol | Thomson, Maxwell | Cancer Biology, Department of | | | | | |
| Stdnt Schol | Wang, Li | Cancer Biology, Department of | | | | | |
| C-126166-02 | Role of nitric oxide in regulating t | he extracellular matrix in breast | No | \$27,273 | \$2,727 | \$30,000 | \$30,0 |
| 7/1/18 to 6/30/19 | Ohio Cancer Research Associates | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Furuta, Saori | Cancer Biology, Department of | | | 100 | | |
| C-126180-02 | Role of CXCR4-LASP-1 axis in mo | odulating the activity of | No | \$27,273 | \$2,727 | \$30,000 | \$30,0 |
| | Argonaute2-TNRC6 in breast can | • | | , , | • , | , , | , , . |
| 7/1/18 to 6/30/20 | Ohio Cancer Research Associates | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Raman, Dayanidhi | Cancer Biology, Department of | | | 100 | | |
| 1 = | | э | | | | | \$400.0 |
| N-126620-01-A1 | Role of reduced nitric oxide in EC | M stiffening for breast cancer | No | \$165,000 | \$33,000 | \$198,000 | \$198,0 |
| N-126620-01-A1 | Role of reduced nitric oxide in EC initiation | M stiffening for breast cancer | No | \$165,000 | \$33,000 | \$198,000 | \$198,0 |
| | | - | No | \$165,000 | \$33,000 | \$198,000 | \$198,0 |
| N-126620-01-A1 1/1/19 to 12/31/19 Role | initiation | - | No | \$165,000 | \$33,000 <u>% Credit</u> | \$198,000 | \$198,0 |

Dept Award

Credit

Total Award

Direct Cost

Indirect Cost

Cash?

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| n-going projects with | new funds, i.e. not reported in a previou | is fiscal year. | Cash? | <u>Direct Cost</u> | Indirect Cost | Total Award | <u>Credit</u> |
|-----------------------|--|---|--------------|--------------------|-----------------------|-------------|---------------|
| ancer Biology, Depa | artment of | | | | | | |
| N-126948-01 | Inhibiting BRD9 in Melanoma | | No | \$200,000 | \$0 | \$200,000 | \$180,0 |
| 10/1/18 to 9/30/20 | Melanoma Research Foundation | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | DeLaSerna, Ivana | Cancer Biology, Department of | | | 85 | | |
| Co-I | Baum, Caitlin Emily | Pathology, Department of | | | 5 | | |
| Co-I | Blomquist, Thomas M. | Pathology, Department of | | | 5 | | |
| Co-I | Yeung, Kam C. | Cancer Biology, Department of | | | 5 | | |
| N-127013-01 | Characterization of miRNA as nega | tive regulator of the metastasis | No | \$70,000 | \$28,000 | \$98,000 | \$98,0 |
| | suppressor gene RKIP and target for | or anti-metastasis therapy in | | | | | |
| | RKIP-deficient breast cancers | | | | | | |
| 8/1/18 to 7/31/19 | Fully Honest Corporation Ltd. | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Yeung, Kam C. | Cancer Biology, Department of | | | 100 | | |
| N-127195-01 | Role of Reduced Nitric Oxide in Fo | rmation of Early-Stage Breast | No | \$50,989 | \$0 | \$50,989 | \$50,9 |
| | Lesions | , , | | | | | |
| 7/23/18 to 7/31/23 | University of Toledo Foundation | | | | | | |
| Role | Name | <u>Department</u> | | | % Credit | | |
| PI/PD | Furuta, Saori | Cancer Biology, Department of | | | 100 | | |
| Co-PI | Al Agha, Abdelraof Ibrahim | Physician Assistant Studies | | | | | |
| Co-PI | Isailovic, Dragan | Chemistry and Biochemistry, Department of | | | | | |
| Co-PI | Khuder, Sadik | School of Population Health | | | | | |
| Co-PI | Sun, Hongliu | Pathology, Department of | | | | | |
| T-127667-02 | Effective targeting surviving dimer | zation interface with small molecule | No | \$223,450 | \$119,546 | \$342,996 | \$137,1 |
| | inhibitors | | | | | | |
| 6/1/19 to 5/31/20 | National Institute of General Medical | Sciences | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Liu, JingYuan | Medicine, Department of | | | 60 | | |
| Co-I | Zhang, Jian-Ting | Cancer Biology, Department of | | | 40 | | |
| | | Sum of Department (Cancer Bio | ology, Depar | tment of) Awar | rd Count: 7.30 | _ | \$800,9 |
| amily Medicine, Dep | partment of | | | | | | |
| C-127000-02 | Ohio Opioid Analytics Project | | No | \$75,518 | \$7,552 | \$83,070 | \$27,4 |
| 7/3/18 to 6/30/19 | Ohio Colleges of Medicine Governme | ent Resource Center through Ohio State University | у | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | McCullumsmith, Cheryl Beth | Psychiatry, Department of | | | 34 | | |
| Co-I | Boose, Michelle Delores | Family Medicine, Department of | | | 33 | | |
| Co-I | Pappada, Scott Michael | Anesthesiology, Department of | | | 33 | | |

Dept Award

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| n-going projects with I | new funds, i.e. not reported in a previo | ius tiscai year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
|---|--|---|-------------|----------------------|-----------------------------|------------------|----------|
| amily Medicine, Depa | artment of | | | | | | |
| N-126701-01 | Choose Ohio First: PCMH | | Yes | \$210,000 | \$0 | \$210,000 | \$52,50 |
| 7/1/17 to 6/30/18 | Ohio Department of Higher Education | on | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Schaefer, Paul L. | Resid Prgm-Family Practice | | | 75 | | |
| Co-PI | Hickey, Daniel | Family Medicine, Department of | | | 25 | | |
| Stdnt Schol | Ingram, Evan Miles | | | | | | |
| Stdnt Schol | Miniato, Mohammed A. | | | | | | |
| Stdnt Schol | Najjar, Amira Amanda | | | | | | |
| Stdnt Schol | Saleh, Hanan Ahmed | | | | | | |
| Stdnt Schol | Shah, Jalpa Mayur | | | | | | |
| Stdnt Schol | Sims, Ariel B. | | | | | | |
| | | Sum of Department (Family Medici | ine, Depart | tment of) Awa | rd Count: 0.58 | | \$79,91 |
| Med Microbiology & Ir C-120298-10 | nmunology, Department of Choose Ohio First Scholarship Pro | ogram - Riginformatics Program | No | \$63,549 | \$0 | \$63,549 | \$63,54 |
| 7/1/18 to 6/30/19 | | | 140 | ψ05,5-5 | Ψ | Ψ05,545 | Ψ05,54 |
| | Ohio Department of Higher Education | | | | 0/ Cradit | | |
| Role PI/PD | Name | <u>Department</u> | | | % Credit | | |
| Stdnt Schol | Blumenthal, Robert Cline, Garreth | Med Microbiology & Immunology, Department of Med Microbiology & Immunology, Department of | | | 100 | | |
| C-124969-04 | Intravital assessment of B. burgdo | | No | \$260,154 | \$116,654 | \$376,808 | \$376,80 |
| 6/1/19 to 5/31/20 | National Institute of Allergy & Infecti | | NO | φ200,13 4 | \$110,054 | \$370,000 | φ310,00 |
| | - - | | | | 0/ C== dit | 1 | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Wooten, Ronald Mark | Med Microbiology & Immunology, Department of | | | 100 | | |
| N-125817-01-W2 | Development of Acyl-homoserine | Lactone Derivatives as | No | \$0 | \$0 | \$0 | \$ |
| 7/4/47 to 40/04/40 | Anti-thrombotic Agents | tion through University of Tolode Main Commun. | | | | | |
| 7/1/17 to 12/31/18 | · | tion through University of Toledo, Main Campus | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Worth, Randall G. | Med Microbiology & Immunology, Department of | | | 100 | | |
| N-125914-01-A1 | How Non-Transcriptional IRF3 Pre | vents ALD | No | \$143,750 | \$76,906 | \$220,656 | \$209,62 |
| 9/1/18 to 8/31/19 | A1 () 11 () (611 () | | | | | | |
| | National Institutes of Health | | | | | | |
| Role | National Institutes of Health Name | <u>Department</u> | | | % Credit | | |
| Role PI/PD | <u>Name</u> | | | | <u>% Credit</u> 95 | | |
| | | <u>Department</u> Med Microbiology & Immunology, Department of Phys Pharm Met/Cardio Science, Department of | | | | | |
| PI/PD | <u>Name</u> Chattopadhyay, Saurabh | Med Microbiology & Immunology, Department of Phys Pharm Met/Cardio Science, Department of | | \$291,495 | 95 | \$434,739 | \$217,37 |
| PI/PD Co-I | <u>Name</u> Chattopadhyay, Saurabh Hinds, Terry D. | Med Microbiology & Immunology, Department of Phys Pharm Met/Cardio Science, Department of iasis | : | \$291,495 | 95 5 | \$434,739 | \$217,37 |
| PI/PD Co-I N-126083-01-A1 1/1/19 to 12/31/19 | Name Chattopadhyay, Saurabh Hinds, Terry D. The role of platelets in oral candid National Institute of Dental and Crar | Med Microbiology & Immunology, Department of Phys Pharm Met/Cardio Science, Department of iasis niofacial Research | : | \$291,495 | 95 5 \$143,244 | \$434,739 | \$217,37 |
| PI/PD Co-I N-126083-01-A1 | Name Chattopadhyay, Saurabh Hinds, Terry D. The role of platelets in oral candid | Med Microbiology & Immunology, Department of Phys Pharm Met/Cardio Science, Department of iasis | : | \$291,495 | 95 5 | \$434,739 | \$217,37 |

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| on-going projects with i | new funds, i.e. not reported in a previ | ous fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|--------------------------|--|--|---------|----------------|----------------------|-------------|---------------|
| Med Microbiology & Ir | mmunology, Department of | | | | | | |
| N-126957-01 | Effect of T cell-platelet aggregate | s on platelet and T cell activity in lung | No | \$24,324 | \$0 | \$24,324 | \$24,324 |
| | cancer patients | | | | | | |
| 9/1/18 to 8/31/19 | The American Association of Immu | nologists | | | | | , |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Worth, Randall G. | Med Microbiology & Immunology, Department of | | | 100 | | |
| N-127107-01 | Virulence inducing signals of Vib | rio cholerae | No | \$150,000 | \$80,250 | \$230,250 | \$230,250 |
| 1/22/19 to 12/31/19 | National Institutes of Health | | | | | | _ |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | 1 |
| PI/PD | Matson, Jyl S. | Med Microbiology & Immunology, Department of | | | 100 | | |
| N-127631-01 | Midwest Microbial Pathogenesis | Conference (MMPC) | No | \$6,000 | \$0 | \$6,000 | \$6,000 |
| 4/15/19 to 3/31/20 | Burroughs Wellcome Fund | | | | | | |
| Role | Name | Department | | | % Credit | | 1 |
| PI/PD | Huntley, Jason F. | Med Microbiology & Immunology, Department of | | | 50 | | |
| Co-I | Wooten, Ronald Mark | Med Microbiology & Immunology, Department of | | | 50 | | |
| N-127678-01 | 2019 NASTH Research Fellowship | 0 | No | \$1,000 | \$0 | \$1,000 | \$1,000 |
| 4/22/19 to 3/31/20 | North American Society on Thromb | posis and Hemostasis | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | 1 |
| PI/PD | Worth, Randall G. | Med Microbiology & Immunology, Department of | | | 100 | | |
| | | Sum of Department (Med Microbiology & | Immunol | ogy, Dep Award | I Count: 8.45 | <u> </u> | \$1,128,924 |
| Medicine, Department | t of | | | | | | |
| C-100043-19 | Ryan White Title IV Women, Infan | ts, Children, Youth And Affected | No | \$415,287 | \$46,142 | \$461,429 | \$461,429 |
| | Family Members AIDS Healthcare | | | | | | |
| 8/1/18 to 7/31/19 | U.S. Department of Health and Hu | man Services | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Duggan, Joan | Medicine, Department of | | | 100 | | |
| C-100389-18 | Ryan White Part C (Title III) HIV E | arly Intervention Services (EIS) | No | \$425,231 | \$47,247 | \$472,478 | \$472,478 |
| | Program | | | | | | |
| 4/1/19 to 3/31/20 | HIV/AIDS Bureau | | | | | | , |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Duggan, Joan | Medicine, Department of | | | 100 | | |

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| on-going projects with | new funds, i.e. not reported in a previous fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
|--|--|-----------------------------------|-------------|-----------------------------------|-------------|----------|
| Medicine, Departmen | t of | | | | | |
| C-122784-07 9/14/11 to 8/30/18 | A Prospective, Multicenter, Single-Blind, Randomized Comparing the Moxy™ Drug-Coated Balloon vs. Standangioplasty for Treatment of Femoropopliteal Arteries Lutonix Inc | dard Balloon | \$394 | \$106 | \$500 | \$500 |
| Role PI/PD Co-I Co-I Co-I | Name Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Nahhas, Ahed T. Department Medicine, Depa Resid Prgm-Me Medicine, Depa | rtment of dicine | | <u>% Credit</u> 70 15 15 | | |
| C-123246-05 7/1/18 to 12/19/18 | The Role of Endothelin-I in Patients with Heart Failure Venous Hypertension Gilead Sciences, Inc. | and Pulmonary No | \$0 | \$0 | \$0 | \$0 |
| Role PI/PD Co-I Co-I Co-I Stdnt Schol | Name Khouri, Samer J. Chowdhury, Mohammed Andalee Cooper, Christopher Tinkel, Jodi Lee Gallagher, Casey Strong Department Medicine, Department Medicine, Department Medicine, Department Resid Prgm-Metal | rtment of rtment of | | <u>% Credit</u> 100 | | |
| C-123296-03 7/1/18 to 11/26/18 | Pulmonary Arterial Hypertension Quality Enhancement Initiative Extension Program (P AH EX), Protocol Num Actelion Clinical Operations, Inc. | | \$888 | \$240 | \$1,128 | \$1,128 |
| Role PI/PD Co-I | Name Department Kahaleh, M Bashar Medicine, Depa Khouri, Samer J. Medicine, Depa | | | <u>% Credit</u> 100 0 | | |
| C-123876-06 7/1/18 to 6/30/19 | A 24-Month, Single-Center, Pilot, Open-Label, Randon Trial to Evaluate the Efficacy and Safety of Calcineuri Elimination or Reduction []Everolimus®IMyfortic® v Dose tacrolimusIEverolimus® in Adult Renal Transpla Novartis | n-Inhibitor ersus Reduced | \$112,731 | \$36,074 | \$148,804 | \$59,522 |
| Role PI/PD Co-PI Co-I Co-I | Name Rees, Michael A. Urology, Depart Kaw, Dinkar Ekwenna, Obi Malhotra, Deepak K. Ratnam, Shobha Department Wrology, Depart Medicine, Depart Medicine, Depart Medicine, Depart | rtment of ment of rtment of | | <u>% Credit</u> 60 30 10 | | |

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| n-going projects with | new funds, i.e. not reported in a previo | us fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|-----------------------|---|---|-------|----------------|---------------|---------------|---------------|
| /ledicine, Departmen | nt of | | | | | | |
| C-123999-05 | Zilver PTX V | | No | \$3,827 | \$1,148 | \$4,975 | \$4,975 |
| 7/1/18 to 4/15/19 | Cook, Inc. | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Burket, Mark | Medicine, Department of | | | 100 | | |
| Co-I | Nahhas, Ahed T. | Medicine, Department of | | | | | |
| C-124630-05 | A Multicenter, Double-blind, Rando | omized, Placebo-controlled, Phase 3 | No | \$9,897 | \$2,969 | \$12,866 | \$12,866 |
| | Study to Assess the Efficacy and S | | | | | | |
| | • | (Tyvaso®) in Subjects with Pulmonary | | | | | |
| _,,,, | Arterial Hypertension | | | | | | |
| 5/1/14 to 6/30/19 | Lung Biotechnology Inc. | | | | | | , |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Moukarbel, George Victor | Medicine, Department of | | | 100 | | |
| Co-I | Garris, Theresa | Medicine, Department of | | | | | |
| Co-I | Kahaleh, M. Bashar | Medicine, Department of | | | | | |
| Co-I Co-I | Khouri, Samer J. | Medicine, Department of Resid Prgm-Medicine | | | | | |
| | Tinkel, Jodi Lee | | No | \$5.754 | \$1,726 | €7.400 | |
| C-124705-05 | of Interest and Effectiveness in Ad | al Registry to Assess Adverse Events | NO | \$5,754 | \$1,726 | \$7,480 | \$7,480 |
| | | upus Erythematosus Treated with or | | | | | |
| | without BENLYSTATM (belimumab | | | | | | |
| 7/24/14 to 6/30/19 | Outcome Sciences, Inc. | , (OABLE) | | | | | |
| Role | Name | Department | | | % Credit | | 1 |
| PI/PD | Altorok, Nezam | Medicine, Department of | | | 50 | | |
| Co-I | Kahaleh, M Bashar | Medicine, Department of | | | 25 | | |
| Co-I | Nagaraja, Vivek | Medicine, Department of | | | 25 | | |
| C-124708-04 | US-Based, Observational, Drug Re | gistry of Opsumit® (Macitentan) New | No | \$530 | \$170 | \$700 | \$350 |
| | Users in Clinical Practice | | | | | | |
| 7/1/18 to 6/30/19 | Actelion Clinical Operations, Inc. | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | 1 |
| PI/PD | Khouri, Samer J. | Medicine, Department of | | | 50 | | |
| Co-I | Garris, Theresa | OP-Clinic-Cardiology | | | 50 | | |
| C-124711-04 | Randomized, Multicenter, Controll | ed Trial to Compare Best | No | \$12,327 | \$3,698 | \$16,025 | |
| | Endovascular versus Best Surgica | I Therapy in Patients with Critical | | | | | |
| | Limb Ischemia | | | | | | |
| 7/1/18 to 6/30/19 | National Heart, Lung & Blood Institu | te through New England Research Institutes, Inc | | | | | _ |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Nazzal, Munier M.S. | Surgery, Department of | | | 100 | | |
| Co-I | Cooper, Christopher | Medicine, Department of | | | | | |
| Co-I | Maldonado, Henrry | Surgery, Department of | | | | | _ |

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| n-going projects with | new funds, i.e. not reported in a previous | ous fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
|-----------------------------------|--|--|-------|-------------|---------------|----------------|----------|
| Medicine, Departmen | nt of | | | | | | |
| C-125287-04 8/20/15 to 6/30/19 | A Prospective, Multicenter, Rando Placebo-Controlled Study to Evalu Preoperative Antithrombin Supple High-Risk Cardiac Surgery with C Grifols Incorporated | uate the Safety and Efficacy of ementation In Patients Undergoing | No | \$28,117 | \$8,435 | \$36,552 | \$5,483 |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Schwann, Thomas A. | Surgery, Department of | | | 60 | | |
| Co-I | Bonnell, Mark | Surgery, Department of | | | 15 | | |
| Co-I | Davis, Jennifer Elizabeth | Surgery, Department of | | | 5 | | |
| Co-I | Mueller, Connie | Surgery, Department of | | | 5 | | |
| Co-I | Sattler, Christina Gail | Medicine, Department of | | | 15 | | |
| C-125457-03 7/1/18 to 4/1/19 | A Long Term, Randomised, Double Determine the Effect of Albiglutide Glucose Lowering Therapies, on I Patients with Type 2 Diabetes Mel GLP116174 GlaxoSmithKline | Major Cardiovascular Events in | No | \$4,816 | \$1,445 | \$6,261 | \$6,261 |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Hejeebu, Srini K. | Medicine, Department of | | | 100 | | |
| Co-I | Federman, Douglas | Medicine, Department of | | | | | |
| C-125473-03 7/1/18 to 3/5/19 | • | • | No | \$10,868 | \$3,261 | \$14,129 | \$14,129 |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Kahaleh, M Bashar | Medicine, Department of | | | 60 | | |
| Co-I | Altorok, Nezam | Medicine, Department of | | | 20 | | |
| Co-I | Safi, Fadi Alil | Medicine, Department of | | | 20 | | |
| C-125658-02 | A5332: Randomized Trial to Preve | nt Vascular Events in HIV - REPRIEVE | Yes | \$16,001 | \$4,160 | \$20,161 | \$20,161 |
| 5/1/18 to 4/30/20 | National Heart, Lung & Blood Institu | ute through Massachusetts General Hospital | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Duggan, Joan | Medicine, Department of | | | 100 | | |
| Co-I | Sheikh, Mujeeb Abdul | Medicine, Department of | | | | | |

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| on-going projects with | n new funds, i.e. not reported in a previo | ous fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|------------------------|--|---|-------|-------------|---------------|-------------|---------------|
| Medicine, Departmer | nt of | | | | | | |
| C-125732-03 | Counter Regulatory Mechanisms (Cardio-Renal Syndrome | of Cardiotonic Steroids in | No | \$250,000 | \$128,750 | \$378,750 | \$340,87 |
| 4/1/19 to 3/31/20 | National Heart, Lung & Blood Institu | ute | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Kennedy, David Joseph | Medicine, Department of | | | 90 | | |
| Co-I | Haller, Steven T. | Medicine, Department of | | | | | |
| Co-I | Isailovic, Dragan | Chemistry and Biochemistry, Department of | | | 5 | | |
| Co-I | Tian, Jiang | Medicine, Department of | | | | | |
| Co-I | Zhu, Jianglong | Chemistry and Biochemistry, Department of | | | 5 | | |
| C-125820-02 | A Randomized Trial Comparing th | e ELUVIA™ Drug-Eluting Stent Versus | No | \$5,640 | \$1,692 | \$7,331 | \$6,965 |
| | Zilver® PTX® Stent for Treatment | of Superficial Femoral and/or | | | | | |
| | Proximal Popliteal Arteries | | | | | | |
| 7/1/17 to 6/30/18 | Boston Scientific Corporation | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Burket, Mark | Medicine, Department of | | | 80 | | |
| Co-I | Eltahawy, Ehab A. | Resid Prgm-Medicine | | | 5 | | |
| Co-I | Gupta, Rajesh | Medicine, Department of | | | 5 | | |
| Co-I | Moukarbel, George Victor | Medicine, Department of | | | 5 | | |
| Co-I | Sheikh, Mujeeb Abdul | Medicine, Department of | | | 5 | | |
| C-125820-03 | A Randomized Trial Comparing th | e ELUVIA™ Drug-Eluting Stent Versus | No | \$2,791 | \$837 | \$3,629 | \$3,629 |
| | Zilver® PTX® Stent for Treatment | of Superficial Femoral and/or | | | | | |
| | Proximal Popliteal Arteries | | | | | | |
| 7/1/18 to 6/30/19 | Boston Scientific Corporation | | | | | | , |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Burket, Mark | Medicine, Department of | | | 100 | | |
| Co-I | Moza, Ankush | Medicine, Department of | | | | | |
| C-126118-03 | A Trial Comparing the Efficacy and | d Safety of Insulin Degludec and | No | \$98,628 | \$29,588 | \$128,216 | \$128,216 |
| | Insulin Glargine 300 units/mL in S | ubjects with Type 2 Diabetes Mellitus | | | | | |
| | Inadequately Treated with Basal Ir | sulin with or without Oral | | | | | |
| | Antidiabetic Drugs - Protocol NN1 | 250-4252 | | | | | |
| 7/1/18 to 6/30/19 | Novo Nordisk Inc. | | | | | | _ |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Hejeebu, Srini K. | Medicine, Department of | | | 100 | | |
| C-126199-02 | Efficacy and Safety of Semaglution | le Versus Canafliflozin as Add-on to | No | \$9,367 | \$2,810 | \$12,177 | \$12,177 |
| | Metform in Subjects with Type 2 D | | | | | | |
| 7/1/18 to 2/21/19 | Novo Nordisk Inc. | , | | | | | |
| Role | <u>Name</u> | Department | | | % Credit | | |
| PI/PD | Hejeebu, Srini K. | Medicine, Department of | | | 75 | | |
| Co-I | Federman, Douglas | Medicine, Department of | | | 25 | | |

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| n-going projects with | new funds, i.e. not reported in a previo | us fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
|-------------------------------|--|---|-------|-------------|---------------|-------------|--------|
| ledicine, Departmen | t of | | | | | | |
| C-126227-02 7/1/18 to 6/30/19 | A Phase III Randomised, Double-B Safety of Once Daily Empagliflozin Patients with Chronic Heart Failure (HFpEF)" Boehringer Ingelheim Pharmaceutic | 10 mg Compared to Placebo, in e with Preserved Ejection Fraction | No | \$3,680 | \$1,104 | \$4,784 | \$4,78 |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Khouri, Samer J. | Medicine, Department of | | | 85 | | |
| Co-I | Garris, Theresa | Medicine, Department of | | | 5 | | |
| Co-I | Moukarbel, George Victor | Medicine, Department of | | | 5 | | |
| Co-I | Murphy, Laura | Medicine, Department of | | | 5 | | |
| C-126316-02 | | e-blind, Placebo-controlled Study to | No | \$276 | \$88 | \$364 | \$36 |
| | Evaluate the Safety and Efficacy o | • | | | | | |
| | | eart Failure with Preserved Ejection | | | | | |
| | Fraction (HFpEF); Protocol # TDE- | HF-301 | | | | | |
| 6/20/18 to 6/19/19 | United Therapeutics Corporation | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Khouri, Samer J. | Medicine, Department of | | | 85 | | |
| Co-I | Garris, Theresa | Medicine, Department of | | | 5 | | |
| Co-I | Moukarbel, George Victor | Medicine, Department of | | | 5 | | |
| Co-I | Murphy, Laura | Medicine, Department of | | | 5 | | |
| C-126317-02 | An Open-Label Extension Study of | • | No | \$4,262 | \$1,364 | \$5,626 | \$5,62 |
| | Pulmonary Hypertension (PH) Ass | | | | | | |
| | | F) - A Long-Term Follow-up Study to | | | | | |
| | TDE-HF-301; Protocol # TDE-HF-30 | 02 | | | | | |
| i/20/17 to 6/19/19 | United Therapeutics Corporation | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Khouri, Samer J. | Medicine, Department of | | | 85 | | |
| Co-I | Garris, Theresa | Medicine, Department of | | | 5 | | |
| Co-I | Moukarbel, George Victor | Medicine, Department of | | | 5 | | |
| Co-I | Murphy, Laura | Medicine, Department of | | | 5 | | |
| -126348-02 | IRB # 202128, A randomized, multi | | No | \$5,962 | \$1,789 | \$7,751 | \$7,75 |
| | <u> </u> | ith bevacizumab versus bevacizumab | | | | | |
| | • | progressive glioblastoma following | | | | | |
| | initial therapy study | | | | | | |
| 7/1/18 to 6/30/19 | Boston Biomedical | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Schroeder, Jason Lee | Surgery, Department of | | | | | |
| Co-I | Nemunaitis, John J. | Medicine, Department of | | | 100 | | |

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| n-going projects with | new funds, i.e. not reported in a previous f | iscal year. | Cash? | <u>Direct Cost</u> | Indirect Cost | \$29,000 \$29,000 \$52,000 \$8,338 | Credit |
|-----------------------|---|------------------------------|-------|--------------------|---------------|---|-------------|
| Medicine, Departmer | nt of | | | | | | |
| C-126355-02 | Myocardial Ischemia and Transfusion | (MINT) | No | \$22,308 | \$6,692 | \$29,000 | \$29,00 |
| 6/1/17 to 5/31/18 | National Institutes of Health through Ru | tgers University | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Sheikh, Mujeeb Abdul | Medicine, Department of | | | 100 | | |
| Co-I | Alhazmi, Luai | Medicine, Department of | | | | | |
| Co-I | Assiri, Salem Ali | Medicine, Department of | | | | | |
| Co-I | Burket, Mark | Medicine, Department of | | | | | |
| Co-I | Chowdhury, Mohammed Andalee | • | | | | | |
| Co-I | Cook, Jered | Medicine, Department of | | | | | |
| Co-I | Eltahawy, Ehab A. | Resid Prgm-Medicine | | | | | |
| Co-I | Farah, Amjad | Medicine, Department of | | | | | |
| Co-I | Gupta, Rajesh | Medicine, Department of | | | | | |
| Co-I | Khouri, Samer J. | Medicine, Department of | | | | | |
| Co-I | Moukarbel, George Victor | Medicine, Department of | | | | | |
| Co-I | Murphy, Laura | Medicine, Department of | | | | | |
| Co-I | Sabbagh, Ebrahim | Medicine, Department of | | | | | |
| Co-I | Shafiq, Qaiser | Medicine, Department of | | | | | |
| Co-I | Syed, Mubbasher Ameer | Medicine, Department of | | | | | |
| Co-I | Towheed, Arooge | Medicine, Department of | | | | | |
| C-126355-03 | Myocardial Ischemia and Transfusion | (MINT) | No | \$40,000 | \$12,000 | \$52,000 | \$52,00 |
| 6/1/18 to 5/31/19 | National Institutes of Health through Ru | tgers University | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Sheikh, Mujeeb Abdul | Medicine, Department of | | | 100 | | |
| C-126414-02 | OPsumit Historical USers cohort stud | • | No | \$6,317 | \$2,021 | \$8 338 | ı \$8,33 |
| 0 120414 02 | retrospective chart review of first-time | | 110 | Ψ0,011 | Ψ2,021 | ψο,σσσ | Ψ0,00 |
| | the United States - Protocol AC-055-51 | | | | | | |
| 7/1/18 to 9/9/19 | Pharmaceutical Research Associates, I | | | | | | |
| Role | Name | Department | | | % Credit | | 1 |
| PI/PD | Khouri. Samer J. | Medicine, Department of | | | 100 | | |
| C-126415-02 | A Phase 2/3, Randomized, Open-Labe | | No | \$0 | \$0 | \$0 | J \$ |
| J 120110 02 | Ixazomib/Dexamethasone and Oral Po | | | • | • | , | • |
| | Relapsed and/or Refractory Multiple N | | | | | | |
| 7/28/17 to 7/27/19 | Millennium Pharmaceuticals, Inc. | yelolila - 1 1010001 0 10020 | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Verghese, Cherian | Medicine, Department of | | | 90 | | |
| Co-I | Hamouda, Danae M. | Medicine, Department of | | | 00 | | |
| Co-I | Skeel, Roland | Medicine, Department of | | | 10 | | 1 |

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| on-going projects with | rojects with new funds, i.e. not reported in a previous fiscal year. | | <u>Cash?</u> | Direct Cost | Indirect Cost | Total Award | Credit |
|--------------------------------|---|---|--------------|------------------------------|----------------------------|-----------------|-----------|
| Medicine, Departmer | nt of | | | | | | |
| C-126461-02 7/1/18 to 4/1/19 | A Phase III, randomized, multicenter, para study evaluating the efficacy, safety, and dolutegravir plus lamivudine in HIV 1 info virologically suppressed GlaxoSmithKline | tolerability of switching to | No | No \$188 \$57 \$245 | \$57 \$245 | | |
| Role PI/PD | <u>Name</u> <u>D</u> | epartment edicine, Department of | | | <u>% Credit</u> 80 | | |
| Co-I | Suleyman, Geehan M | edicine, Department of | | | 20 | | |
| C-126600-02 | The Randomized and Controlled Noninfe and Clinical Efficacy of the SurVeil™ Dru Treatment of Subjects with Stenotic Lesi Artery Compared to the Medtronic IN.PAG Balloon. (TRANSCEND) | g-Coated Balloon in the one of the Femoropopliteal | No | \$24,585 | \$7,376 | \$31,961 | \$31,961 |
| 7/1/18 to 6/30/19 | Surmodics, Inc. | | | | | | |
| Role PI/PD Co-I | Burket, Mark M | e <u>partment</u> edicine, Department of edicine, Department of | | | <u>% Credit</u> 100 | | |
| C-126777-02 7/1/18 to 12/6/18 | An open-label extension trial to assess the nintedanib in patients with Systemic Sclenung Disease (SSc-ILD) Boehringer Ingelheim Pharmaceuticals, Inc. | erosis associated Interstitial | No | No \$13,834 \$4,150 \$17,984 | | \$17,984 | \$17,984 |
| Role PI/PD | Name De | <i>.</i> e <u>partment</u> edicine, Department of | | | <u>% Credit</u> 100 | | |
| C-126847-04 | The Melanocortinergic pathway in glome | · · · | No | \$227,790 | \$121,868 | \$349,658 | \$349,658 |
| 6/1/19 to 5/31/20 | National Institute of Diabetes, Digestive & I | | | | . , | . , | . , |
| Role PI/PD Co-I | Gong, Rujun M | epartment edicine, Department of edicine, Department of | | | <u>% Credit</u> 98 2 | | |
| C-126909-02 | A Phase III Randomised, Double-Blind Tr Safety of Once Daily Empagliflozin 10 mg Patients with Chronic Heart Failure with (HFrEF" Protocol No 1245.121 | ial to Evaluate Efficacy and Compared to Placebo, in | No | \$7,604 | \$2,281 | \$9 ,885 | \$9,885 |
| 7/1/18 to 6/30/19 | Boehringer Ingelheim Pharmaceuticals, Inc | ······································ | | | | | |
| Role PI/PD | | epartment edicine, Department of | | | <u>% Credit</u> 100 | | |

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| on-going projects with I | new funds, i.e. not reported in a previ | ous fiscal year. | Cash? | <u>Direct Cost</u> | Indirect Cost | Total Award | Credit |
|---|--|---|-------|--------------------|------------------------|-------------|----------|
| Medicine, Department | of | | | | | | |
| C-126971-02 | Have High PD-L1 Expression | | No | \$385 | \$115 | \$500 | \$500 |
| 7/1/18 to 4/11/19 | ARMO BioSciences, Inc. | | | | 0/ 0 !!! | | |
| Role PI/PD Co-I Co-I Co-I | Name Nemunaitis, John J. Albrethsen, Mary Ashraf, Mushtaq Chaudhuri, Prabir Hamouda, Danae M. | Department Medicine, Department of Medicine, Department of Medicine, Department of Surgery, Department of Medicine, Department of | | | <u>% Credit</u> 100 | | |
| Co-l Co-l Dir Ctr/Inst | Skeel, Roland Verghese, Cherian Nemunaitis, Nadine | Medicine, Department of Medicine, Department of Medicine, Department of | | | | | |
| C-127002-02 | Vs. Nivolumab Alone s Second Li IV/Metastatic Wild Type Non-Sma Expression of PD-L1 | M0010 in Combination with Nivolumab ne Therapy in Patients With Stage Il Cell Lung Cancer and Low Tumor | No | \$89,122 | \$26,737 | \$115,859 | \$115,85 |
| 7/1/18 to 4/11/19 | ARMO BioSciences, Inc. | | | | | | |
| Role PI/PD Co-I Co-I Co-I Co-I Co-I Co-I Dir Ctr/Inst | Name Nemunaitis, John J. Albrethsen, Mary Ashraf, Mushtaq Chaudhuri, Prabir Hamouda, Danae M. Skeel, Roland Verghese, Cherian Nemunaitis, Nadine | Department Medicine, Department of Medicine, Department of Medicine, Department of Surgery, Department of Medicine, Department of | | | <u>% Credit</u> 100 | | |
| N-101598-01 | PRECISION: Prospective Randon Integrated Safety vs. Ibuprofen o | | Yes | \$300 | \$75 | \$375 | \$37 |
| 4/6/07 to 6/30/17 | Pfizer, Inc. through INC Research, | | | | | | |
| Role PI/PD Co-I Co-I Co-I Co-I Stdnt Schol | Name Akpunonu, Basil Bittar, Samih Bruhl, Steven Hinch, Bryan Thomas Vijendra, Divya Baas, Tiffany Renee | <u>Department</u> Medicine, Department of Medicine, Department of Resid Prgm-Medicine Resid Prgm-Medicine Medicine, Department of | | | <u>% Credit</u> 100 | | |

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| on-going projects with | new funds, i.e. not reported in a prev | rious fiscal year. | Cash? | <u>Direct Cost</u> | Indirect Cost | Total Award | <u>Credit</u> |
|------------------------|---|--|--------|--------------------|--------------------------|-----------------|---------------|
| Medicine, Departmen | t of | | | | | | |
| N-125739-01 | Parent Site: Case Comprehensi | ve Cancer Center | Yes | \$18,920 | \$0 | \$18,920 | |
| 1/1/16 to 12/31/26 | National Cancer Institute through | Case Western Reserve University/Case Medical C | Center | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Chen, Changhu | Radiation Oncology, Department of | | | 100 | | |
| Co-I | Chaudhuri, Prabir | Surgery, Department of | | | | | |
| Co-I | Jain, Samay | Medicine, Department of | | | | | |
| Co-I | Klepacz, Daniel S. | Medicine, Department of | | | | | |
| Co-I | Klepacz, Heather | | | | | | |
| Co-I | Mohamed, Iman E. | Medicine, Department of | | | | | |
| Co-I | Reddy, Krishna | Dana Conference Center | | | | | |
| Co-I | Shahrour, Khaled | Medicine, Department of | | | | | |
| Co-I | Skeel, Roland | Medicine, Department of | | | | | |
| Co-I | Verghese, Cherian | Medicine, Department of | | | | | |
| N-126102-01-A1 | MicroRNA-based therapy for rhe | umatoid arthritis | No | \$3,305 | \$1,768 | \$5,073 | \$5,07 |
| 7/12/18 to 6/30/19 | National Institutes of Health throu | gh Washington State University | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Khuder, Sadik | Medicine, Department of | | | 100 | | |
| N-126493-01 | Targeting anthracycline resistan | ce as a novel strategy to treat TNBC | No | \$359,398 | \$89,850 | \$449,248 | |
| 8/7/18 to 8/6/21 | Susan G. Komen for the Cure | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Tiwari, Amit K. | Pharmacology, Department of | | | 100 | | |
| Statistician | Khuder, Sadik | Medicine, Department of | | | | | |
| N-126685-01 | <u>'</u> | se EZH3 in Acute and Chronic Renal | No | \$6,157 | \$3,294 | \$9,451 | \$9,45 |
| | Injury | · · · · · · · · · · · · · · · · · · · | | 40,101 | Ψο,=ο . | 40, 10 1 | 70, 10 |
| 9/15/18 to 7/31/19 | National Institutes of Health through | gh Rhode Island Hospital | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Dworkin, Lance | Medicine, Department of | | | 100 | | |
| N-126741-01 | · | ble-Blind, Placebo-Controlled Phase 3 | No | \$20,129 | \$6,039 | \$26,168 | \$26,16 |
| | Trial to Evaluate Efficacy and Sa | | | 420,120 | 40,000 | 420 ,.00 | 4_0,.0 |
| | Cutaneous Systemic Sclerosis | | | | | | |
| | Protocol No. JBT101-SSc-002 | | | | | | |
| 1/17/18 to 6/30/19 | Corbus Pharmaceuticals | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Kahaleh, M Bashar | Medicine, Department of | | | <u>/// Credit</u> 100 | | |
| רוורט | Nanaich, ivi Dashal | мечыне, рераниети от | | | 100 | | |

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| on-going projects with | new funds, i.e. not reported in a previous | fiscal year. | Cash? | <u>Direct Cost</u> | Indirect Cost | Total Award | Credit |
|--|--|--|-------|--------------------|------------------------|-------------|----------|
| Medicine, Department | t of | | | | | | |
| N-126765-01 | Paraoxonase-1 regulation of renal in | flammation in Chronic Kidney | No | \$10,000 | \$0 | \$10,000 | \$10,000 |
| 7/1/18 to 6/30/19 | ASN Foundation for Kidney Research | | | | | | _ |
| Role PI/PD Stdnt Schol | <u>Name</u> Kennedy, David Joseph Khalaf, Fatimah Kareem Khalaf | <u>Department</u> Medicine, Department of Medicine, Department of | | | <u>% Credit</u> 100 | | |
| N-126966-01 3/28/18 to 3/27/19 | PISCES OMS I-103: A MULTICENTER OPEN-LABEL TRIAL OF INTRATUMO ELECTROPORATION IN COMBINATIO PATIENTS WITH STAGE III/IV MELAN EITHER PEMBROLIZUMAB OR NIVO OncoSec Medical Incorporated | RAL PIL-12 PLUS ON WITH PEMBROLIZUMAB IN OMA WHO ARE PROGRESSING ON | No | \$12,019 | \$3,606 | \$15,625 | \$15,625 |
| Role PI/PD Co-I Co-I Co-I Co-I Co-I Co-I Co-I Co-I | Name Nemunaitis, John J. Albrethsen, Mary Ashraf, Mushtaq Chaudhuri, Prabir Hamouda, Danae M. Skeel, Roland Verghese, Cherian Nemunaitis, Nadine | Department Medicine, Department of Medicine, Department of Medicine, Department of Surgery, Department of Medicine, Department of | | | <u>% Credit</u> 100 | | |
| N-126968-01-W1 5/3/18 to 5/2/19 | Ad-p53-002; A Phase 2, Multi-Center, Evaluate Efficacy and Safety of Aden with Nivolumab versus Nivolumab al Head and Neck Squamous Cell Carci MultiVir Inc. | oviral p53 (Ad-p53) in combination one in Patients with Recurrent | No | \$31,593 | \$9,478 | \$41,071 | \$41,071 |
| Role PI/PD Co-I Co-I Co-I Co-I Co-I Dir Ctr/Inst | Name Nemunaitis, John J. Albrethsen, Mary Ashraf, Mushtaq Elsamaloty, Haitham M. Hamouda, Danae M. Skeel, Roland Verghese, Cherian Nemunaitis, Nadine | Department Medicine, Department of Medicine, Department of Medicine, Department of Radiology, Department of Medicine, Department of | | | <u>% Credit</u> 100 | | |

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| n-going projects wit | n new lunds, i.e. not reported in a previous listar | year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
|---------------------------------|---|---|-------|-------------|---------------|-------------|----------|
| ledicine, Departme | ent of | | | | | | |
| N-127023-01 4/9/18 to 4/8/19 | STANDARD CHEMOTHERAPY VERSUS CHECANCER STEM CELL CHEMOSENSITIVITY MANAGEMENT OF PATIENTS WITH RECUMULTIFORME (GBM). IRB#202696 Cordgenics, LLC | TESTING IN THE | No | \$4,231 | \$1,269 | \$5,500 | \$2,750 |
| Role | Name Dep | <u>artment</u> | | | % Credit | | |
| PI/PD | Schroeder, Jason Lee Sur | gery, Department of | | | 50 | | |
| Co-I | | licine, Department of | | | | | |
| Co-I | • | licine, Department of | | | | | |
| Co-I | | licine, Department of | | | 50 | | |
| Co-I | | licine, Department of | | | | | |
| Co-I | | licine, Department of | | | | | |
| N-127064-01 | Cardi-OH | | No | \$100,585 | \$10,059 | \$110,644 | \$110,64 |
| 7/3/18 to 6/30/19 | Ohio Department of Medicaid through Case Center | Western Reserve University/Case Medical | | | | | |
| Role | Name Der | artment | | | % Credit | | |
| PI/PD | Dworkin, Lance Med | licine, Department of | | | 100 | | |
| N-127091-01 | eFT508 in Combination With PD-1/PD-L1 Ir Subjects Administered Anti-PD-1/Anti-PD-I Experiencing Insufficient Response to Che | 1 Therapy That Are | No | \$87,140 | \$26,142 | \$113,282 | \$113,28 |
| 7/3/18 to 6/30/19 | eFFECTOR Therapeutics | | | | | | |
| Role | <u>Name</u> <u>De</u> r | <u>artment</u> | | | % Credit | | |
| PI/PD | Nemunaitis, John J. Med | licine, Department of | | | 100 | | |
| Co-I | | licine, Department of | | | | | |
| Co-I | • | licine, Department of | | | | | |
| Co-I | | licine, Department of | | | | | |
| Co-I | | licine, Department of | | | | | |
| Co-I | | licine, Department of | | | | | |
| Dir Ctr/Ins | | licine, Department of | | | **** | **** | **** |
| N-127177-01 | Role of hematopoietuc-specific MC1R in in | imune mediated proteinuric | No | \$209,279 | \$111,964 | \$321,243 | \$321,24 |
| 1/31/19 to 1/31/20 | glomerulopathy Mallinckrodt LLC | | | | | | |
| Role | <u>Name</u> <u>De</u> | <u>artment</u> | | | % Credit | | |
| PI/PD | Gong, Rujun Med | licine, Department of | | | 90 | | |
| Co-I | Dworkin, Lance Med | licine, Department of | | | 10 | | |

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| | | | <u>OdSIT:</u> | <u>Direct Cost</u> | muncot oost | <u>Total Awaru</u> | Orcait |
|----------------------|-------------------------------------|--|---------------|--------------------|-------------|--------------------|-----------|
| ledicine, Departmen | t of | | | | | | |
| N-127179-01 | Medicaid Equity Simulation Proje | ct MEDTAPP Providers As Allies In | No | \$1,126,799 | \$107,300 | \$1,234,099 | \$617,050 |
| | Equity And Care (PAEC) | | | | | | |
| 11/7/18 to 6/30/19 | Centers for Medicare and Medicaid | d Services through Ohio State University | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | l |
| PI/PD | Dworkin, Lance | Medicine, Department of | | | 50 | | l |
| Co-I | Altorok, Nezam | | | | | | l |
| Co-I | Casabianca, Andrew | Anesthesiology, Department of | | | | | l |
| Co-I | Hinch, Bryan Thomas | Resid Prgm-Medicine | | | | | l |
| Co-I | Jones, Whitney W. | Medicine, Department of | | | | | l |
| Co-I | Papadimos, Thomas J. | Anesthesiology, Department of | | | 5 | | l |
| Co-I | Pappada, Scott Michael | Anesthesiology, Department of | | | 20 | | l |
| Co-I | Riese, Amy | Resid Prgm-Psychiatry | | | | | l |
| Co-I | Singh, Shipra | School of Population Health | | | 25 | | l |
| Co-I | Williams, Kristi | Psychiatry, Department of | | | | | l |
| N-127180-01 | A Phase 3, Open-Label, Randomi: | zed, Parallel Group Study to Evaluate | Yes | \$11,346 | \$3,404 | \$14,750 | \$14,750 |
| | the Efficacy and Safety of Intraple | eural Administration of | | | | | |
| | Adenovirus-Delivered Interferon | Alpha-2b (rAd-IFN) in Combination with | | | | | |
| | Celecoxib and Gemcitabine in Pa | tients with Malignant Pleural | | | | | |
| | Mesothelioma | • | | | | | |
| 11/29/18 to 11/28/19 | Trizell | | | | | | |
| Role | Name_ | Department | | | % Credit | | |
| PI/PD | Nemunaitis, John J. | Medicine, Department of | | | 100 | | l |
| Co-I | Albrethsen, Mary | Medicine, Department of | | | | | l |
| Co-I | Ashraf, Mushtaq | Medicine, Department of | | | | | l |
| Co-I | Hamouda, Danae M. | Medicine, Department of | | | | | l |
| Co-I | Skeel, Roland | Medicine, Department of | | | | | l |
| Co-I | Verghese, Cherian | Medicine, Department of | | | | | ĺ |
| | | | | | | | 1 |
| Co-I | Willey, James | Medicine, Department of | | | | | l . |

Direct Cost

Indirect Cost

Cash?

Dept Award

Credit

Total Award

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| n-going projects with i | new funds, i.e. not reported in a previc | ous fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|--------------------------------|--|--|-------|-------------|---------------|-------------|---------------|
| Medicine, Department | of | | | | | | |
| N-127186-01 7/2/18 to 6/30/19 | | ernational EkoSonic Registry of the of Patients with Pulmonary | No | \$10,587 | \$3,388 | \$13,975 | \$12,99 |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Gupta, Rajesh | Medicine, Department of | | | 82 | | |
| Co-I | Burket, Mark | Medicine, Department of | | | 1 | | |
| Co-I | Eltahawy, Ehab A. | Resid Prgm-Medicine | | | 5 | | |
| Co-I | Moukarbel, George Victor | Medicine, Department of | | | 5 | | |
| Co-I | Nazzal, Munier M.S. | Surgery, Department of | | | 1 | | |
| Co-I | Osman, Mohamed F. | Surgery, Department of | | | 1 | | |
| Co-I | Sheikh, Mujeeb Abdul | Medicine, Department of | | | 5 | | |
| N-127202-01 | A Phase 1/2 Safety, Pharmacokine | tic & Pharmacodynamic Study of | No | \$154,002 | \$49,281 | \$203,282 | \$203,28 |
| | APS001F W/ Flucytosine & Maltos | e for the Treatment of Advanced | | | | | |
| | and/or Metastic Solid Tumors | | | | | | |
| 10/9/18 to 6/30/19 | Anaeropharma Science | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Nemunaitis, John J. | Medicine, Department of | | | 100 | | |
| Co-I | Albrethsen, Mary | Medicine, Department of | | | | | |
| Co-I | Ashraf, Mushtaq | Medicine, Department of | | | | | |
| Co-I | Chaudhuri, Prabir | Surgery, Department of | | | | | |
| Co-I | Elsamaloty, Haitham M. | Radiology, Department of | | | | | |
| Co-I | Hamouda, Danae M. | Medicine, Department of | | | | | |
| Co-I | Skeel, Roland | Medicine, Department of | | | | | |
| Co-I | Verghese, Cherian | Medicine, Department of | | | | | |
| Dir Ctr/Inst | Nemunaitis, Nadine | Medicine, Department of | | | | | |
| N-127204-01 | A Phase 1/2 Study to Investigate to | | Yes | \$26,575 | \$7,973 | \$34,548 | \$34,54 |
| | - | ation With Durvalumab in Subjects | | | | | |
| | With Advanced Peritoneal Maligna | | | | | | |
| 10/16/18 to 10/15/19 | Ludwig Institute for Cancer Researc | ch | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Nemunaitis, John J. | Medicine, Department of | | | 100 | | |
| Co-I | Albrethsen, Mary | Medicine, Department of | | | | | |
| Co-I | Ashraf, Mushtaq | Medicine, Department of | | | | | |
| Co-I | Hamouda, Danae M. | Medicine, Department of | | | | | |
| Co-I | Skeel, Roland | Medicine, Department of | | | | | |
| Co-I | Verghese, Cherian | Medicine, Department of | | | | | |

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| n-going projects with | new funds, i.e. not reported in a previ | ous fiscal year. | Cash? | <u>Direct Cost</u> | Indirect Cost | Total Award | Credit |
|-----------------------------------|--|--|-------|--------------------|---------------|-------------|----------|
| /ledicine, Department | t of | | | | | | |
| N-127205-01 10/9/18 to 6/30/19 | - | en Label, Single Arm, Multi-Center vant Treatment of Germline BRCA1/2 e-Negative Breast Cancer | No | \$9,280 | \$2,970 | \$12,250 | \$12,250 |
| Role | Name | <u>Department</u> | | | % Credit | | |
| PI/PD | Nemunaitis, John J. | Medicine, Department of | | | 100 | | |
| Co-I | Chaudhuri, Prabir | Surgery, Department of | | | | | |
| Co-I Co-I | Hamouda, Danae M. | Medicine, Department of | | | | | |
| Co-l | Klepacz, Heather Skeel, Roland | Surgery, Department of Medicine, Department of | | | | | |
| Co-I | • | • | | | | | |
| Dir Ctr/Inst | Verghese, Cherian Nemunaitis, Nadine | Medicine, Department of | | | | | |
| | · | Medicine, Department of | | ATA TTA | *** | 44.1. | |
| N-127208-01 | Prostacyclin Receptor (IP) and Pr | | No | \$70,558 | \$21,167 | \$91,725 | \$91,725 |
| | • | ular Smooth Muscle Cells (vSMCs) and | | | | | |
| | Microvascular Endothelial Cells (| MVECs) | | | | | |
| 11/28/18 to 11/27/19 | United Therapeutics Corporation | | | | | | , |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Kahaleh, M Bashar | Medicine, Department of | | | 40 | | |
| Co-PI | Altorok, Nezam | Medicine, Department of | | | 30 | | |
| Co-I | Wang, Yongqing | Medicine, Department of | | | 30 | | |
| N-127215-01 | A Phase 1/1b, Multicenter, Open- | abel Trial of Oncolytic MG1 Expressing | Yes | \$55,391 | \$16,617 | \$72,008 | \$72,008 |
| | Mutant Human Papilloma Virus (I | HPV) E6 and E7 (MG1-E6E7), with | | | | | |
| | Adenovirus Vaccine Expressing | Mutant HPV E6 and E7 (Ad-E6E7) and | | | | | |
| | Atezolizumab in Patients with HP | V Associated Cancers | | | | | |
| 10/11/18 to 10/10/19 | Turnstone Biologics | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Nemunaitis, John J. | Medicine, Department of | | | 100 | | |
| Co-I | Albrethsen, Mary | Medicine, Department of | | | | | |
| Co-I | Ashraf, Mushtaq | Medicine, Department of | | | | | |
| Co-I | Chaudhuri, Prabir | Surgery, Department of | | | | | |
| Co-I | Elsamaloty, Haitham M. | Radiology, Department of | | | | | |
| Co-I | Hamouda, Danae M. | Medicine, Department of | | | | | |
| Co-I | Skeel, Roland | Medicine, Department of | | | | | |
| Co-I | Verghese, Cherian | Medicine, Department of | | | | | |
| ı | Nemunaitis, Nadine | Medicine, Department of | | | | | 1 |

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| i-going projects with i | iew iulius, i.e. not reported in a pre | vious riscai year. | Cash? | <u>Direct Cost</u> | Indirect Cost | Total Award | <u>Credit</u> |
|--|--|--|-------|--------------------|-----------------------------|-------------|---------------|
| ledicine, Department | of | | | | | | |
| N-127236-01 | Study to Assess the Efficacy, Sa KBP-5074 in Patients With Mode and Uncontrolled Hypertension | e-Blind, Placebo-Controlled, Multi-Center afety, and Pharmacokinetics of erate-to-Severe Chronic Kidney Disease | No | \$8,144 | \$2,606 | \$10,750 | \$10,75 |
| 7/27/18 to 6/30/19 | Medpace, Inc | | | | 0/ 0 !!! | | |
| Role PI/PD Co-I | <u>Name</u> Dworkin, Lance Alam, Zubia R. | <u>Department</u> Medicine, Department of Medicine, Department of | | | <u>% Credit</u> 50 50 | | |
| N-127238-01 9/23/18 to 6/30/19 | multi-centre trial comparing the glargine 100U/mL, with or witho | andomised, cross-over, open-label, effect of insulin degludec and insulin ut OADs in subjects with type 2 onitoring incorporated, Trial Phase IV | No | \$57,404 | \$18,369 | \$75,773 | \$75,77 |
| Role PI/PD Co-I | <u>Name</u> Hejeebu, Srini K. Federman, Douglas | <u>Department</u> Medicine, Department of Medicine, Department of | | | <u>% Credit</u> 75 25 | | |
| N-127257-01 12/18/18 to 12/17/19 | • | rm Trial of CV301 in Combination with the Locally Advanced or Metastatic | Yes | \$12,350 | \$3,705 | \$16,055 | \$16,05 |
| Role PI/PD Co-I Co-I Co-I Dir Ctr/Inst | Name Nemunaitis, John J. Hamouda, Danae M. Skeel, Roland Verghese, Cherian Nemunaitis, Nadine | Department Medicine, Department of Medicine, Department of | | | <u>% Credit</u> 100 | | |
| N-127261-01 12/7/18 to 12/6/19 | Potential Benefit of non-invasive gammaCore in the treatment of electroCore | e Vagus Nerve Stimulation (nVNS) using Raynaud's Phenomena | No | \$102,690 | \$32,861 | \$135,551 | \$135,55 |
| Role PI/PD Co-I | <u>Name</u> Kahaleh, M Bashar Altorok, Nezam | <u>Department</u> Medicine, Department of Medicine, Department of | | | <u>% Credit</u> 80 20 | | |

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| n-going projects with | new funds, i.e. not reported in a pre | vious fiscal year. | <u>Cash?</u> | Direct Cost | Indirect Cost | Total Award | Credit |
|-----------------------|---------------------------------------|---|--------------|-------------|---------------|-------------|---------|
| ledicine, Departmen | t of | | | | | | |
| N-127262-01 | of | omized, Multicenter, Open-Label Study ts with Advanced Gastrointestinal | Yes | \$25,662 | \$7,699 | \$33,361 | \$33,36 |
| 12/10/18 to 12/9/19 | Deciphera Pharmaceuticals, LLC | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Nemunaitis, John J. | Medicine, Department of | | | 100 | | |
| Co-I | Albrethsen, Mary | Medicine, Department of | | | | | |
| Co-I | Hamouda, Danae M. | Medicine, Department of | | | | | |
| Co-I | Skeel, Roland | Medicine, Department of | | | | | |
| Co-I | Verghese, Cherian | Medicine, Department of | | | | | |
| Dir Ctr/Inst | Nemunaitis, Nadine | Medicine, Department of | | | | | |
| N-127268-01 | An Open-label, Phase 1B Study | of NEO-PV-01 + CD40 Agonist Antibody | Yes | \$10,865 | \$3,260 | \$14,125 | \$14,12 |
| | (APX005M) or Ipilimumab with N | livolumab in Patients with Advanced or | | | | | |
| | Metastatic Melanoma | | | | | | |
| 12/5/18 to 12/4/19 | Neon Therapeutics | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Nemunaitis, John J. | Medicine, Department of | | | 100 | | |
| Co-I | Chaudhuri, Prabir | Surgery, Department of | | | | | |
| Co-I | Hamouda, Danae M. | Medicine, Department of | | | | | |
| Co-I | Skeel, Roland | Medicine, Department of | | | | | |
| Co-I | Verghese, Cherian | Medicine, Department of | | | | | |
| Dir Ctr/Inst | Nemunaitis, Nadine | Medicine, Department of | | | | | |
| N-127352-01-W1 | A multicenter study w an open-l | abel Phase Ib part followed by a rand. | Yes | \$9,554 | \$2,866 | \$12,420 | \$12,42 |
| | placebo controlled, double blind | d, Phase II part to evaluate efficacy, | | | | | |
| | safety, tolerability, pharmacokir | etics of the DNA PK inhibitor M3814 in | | | | | |
| | comb w capecitabine and radiot | herapy in participants w locally | | | | | |
| | advanced rectal cancer | | | | | | |
| 1/25/19 to 1/24/20 | EMD Sorono | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Nemunaitis, John J. | Medicine, Department of | | | 100 | | |
| Co-I | Albrethsen, Mary | Medicine, Department of | | | | | |
| Co-I | Ashraf, Mushtaq | Medicine, Department of | | | | | |
| Co-I | Chaudhuri, Prabir | Surgery, Department of | | | | | |
| Co-I | Hamouda, Danae M. | Medicine, Department of | | | | | |
| Co-I | Skeel, Roland | Medicine, Department of | | | | | |
| Co-I | Verghese, Cherian | Medicine, Department of | | | | | |

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| n-going projects with | new funds, i.e. not reported in a pre | vious fiscal year. | Cash? | Direct Cost | Indirect Cost | \$29,845 \$15,625 \$12,825 | Credit |
|-----------------------|--|--|-------|-------------|---------------|----------------------------------|----------|
| Medicine, Departmen | t of | | | | | | |
| N-127357-01 | Turnstone: PELICAN (Melanoma | a Phase 1 with MAGEA3) study CTA | No | \$22,610 | \$7,235 | \$29,845 | \$29,845 |
| 12/6/18 to 8/12/19 | Turnstone Biologics | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Nemunaitis, John J. | Medicine, Department of | | | 100 | | |
| Co-I | Albrethsen, Mary | Medicine, Department of | | | | | |
| Co-I | Ashraf, Mushtaq | Medicine, Department of | | | | | |
| Co-I | Chaudhuri, Prabir | Surgery, Department of | | | | | |
| Co-I | Hamouda, Danae M. | Medicine, Department of | | | | | |
| Co-I | Skeel, Roland | Medicine, Department of | | | | | |
| Co-I | Verghese, Cherian | Medicine, Department of | | | | | |
| Dir Ctr/Inst | Nemunaitis, Nadine | Medicine, Department of | | | | | |
| N-127414-01 | | ndomized, Placebo-Controlled, Phase 2 | No | \$11,837 | \$3,788 | \$15,625 | \$15,62 |
| | | d Safety of Intravenous Iloprost in | | | | | |
| | Subjects With Raynaud's Pheno | omenon Secondary to Systemic | | | | | |
| | Sclerosis | | | | | | |
| 3/4/19 to 6/30/19 | Medpace, Inc | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Kahaleh, M Bashar | Medicine, Department of | | | 100 | | |
| N-127428-01 | eFT508 in Combination With PD | -1/PD-L1 Inhibitor Therapy (the "Study | No | \$9,716 | \$3,109 | \$12,825 | \$12,825 |
| | Drug") in accordance with Clinic | cal Research Protocol Number | | | | | |
| | eFT508-0009 entitled "A Phase 2 | 2 Non-randomized Open-label Study | | | | | |
| | Examining the Effect of eFT508 | in Patients with Advanced | | | | | |
| | Castrate-resistant Prostate Can | cer (CRPC) | | | | | |
| 1/30/19 to 6/30/19 | eFFECTOR Therapeutics | | | | | | |
| Role | <u>Name</u> | Department | | | % Credit | | |
| PI/PD | Nemunaitis, John J. | Medicine, Department of | | | 100 | | |
| Dir Ctr/Inst | Nemunaitis, Nadine | Medicine, Department of | | | | | |
| N-127544-01 | A Phase I/Ib Open-Label, Multi-C | Center, Dose-Escalation Study to | No | \$10,701 | \$3,424 | \$14,125 | \$14,12 |
| | Investigate the Safety, Pharmac | okinetics and Preliminary Efficacy of | | | | | |
| | Intravenous NBF 006 in Patients | s with Non-Small Cell Lung (NSCLC), | | | | | |
| | Pancreatic or Colorectal Cancer | • | | | | | |
| 4/2/19 to 6/30/19 | Nitto BioPharma | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Nemunaitis, John J. | Medicine, Department of | | | 100 | | |
| Dir Ctr/Inst | Nemunaitis, Nadine | Medicine, Department of | | | | | |

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| new funds, i.e. not reported in a prev | rious fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
|---|---|---|---|---|--|--|
| of | | | | | | |
| MINHC project | | No | \$18,518 | \$1,482 | \$20,000 | \$10,000 |
| Health Resources & Services Adn | ninistration through University of Illinois at Chica | go | | | Indirect Cost Total Award | |
| <u>Name</u> | <u>Department</u> | | | % Credit | | |
| Sahloff, Eric G. | Pharmacy Practice, Department of | | | 50 | | |
| Duggan, Joan | Medicine, Department of | | | 50 | | |
| Phase IB Trial of Metformin, Digo | oxin, Simvastatin in Subjects with | No | \$224,804 | \$25,196 | \$250,000 | \$250,000 |
| Advanced Pancreatic Cancer and | d Other Advanced Solid Tumors | | | | | |
| Hal & Susan Fetterman | | | | | | |
| <u>Name</u> | <u>Department</u> | | | % Credit | | |
| Nemunaitis, John J. | Medicine, Department of | | | 100 | | |
| Nemunaitis, Nadine | Medicine, Department of | | | | | |
| An Assay to Detect Multi-Organ | Dysfunction Syndrome | No | \$7,014 | \$701 | \$7,715 | \$7,715 |
| F.M. Douglass Foundation | | | | | | |
| Name | Department | | | % Credit | | |
| Assaly, Ragheb | Medicine, Department of | | | 100 | | |
| Ryan White Part C (Title III) HIV E | Early Intervention Services (EIS) | No | \$319,971 | \$31,997 | \$351,968 | \$351,968 |
| Program | | | | | | |
| HIV/AIDS Bureau | | | | | | |
| <u>Name</u> | <u>Department</u> | | | % Credit | | |
| Duggan, Joan | Medicine, Department of | | | 100 | | |
| Social Marketing Advertising CT | R | No | \$33,215 | \$0 | \$33,215 | \$33,215 |
| Centers for Disease Control and F | Prevention through Lucas County Regional Heal | th District | | | | |
| | | | | % Credit | | |
| | _ | | | | | |
| | • | No | \$545.632 | | \$642,480 | |
| | | | , , , , , , , , , , , , , , , , , , , | ,,,,, | , , | |
| | Department | | | % Credit | | |
| | | | | · · · · · · · · · · · · · · · · · · · | | |
| • | · | | | 100 | | |
| • | | | | | | |
| Margiotta, Joseph | Neurosciences, Department of | | | | | |
| | | | | | | |
| _ | MINHC project Health Resources & Services Adm Name Sahloff, Eric G. Duggan, Joan Phase IB Trial of Metformin, Digo Advanced Pancreatic Cancer and Hal & Susan Fetterman Name Nemunaitis, John J. Nemunaitis, Nadine An Assay to Detect Multi-Organ In F.M. Douglass Foundation Name Assaly, Ragheb Ryan White Part C (Title III) HIV E Program HIV/AIDS Bureau Name Duggan, Joan Social Marketing Advertising CT Centers for Disease Control and F Name Duggan, Joan Anatomical-Functional Mapping National Institutes of Health Name Howard, Marthe Blomquist, Thomas M. Kalinoski, Andrea L. | MINHC project Health Resources & Services Administration through University of Illinois at Chical Name Sahloff, Eric G. Duggan, Joan Phase IB Trial of Metformin, Digoxin, Simvastatin in Subjects with Advanced Pancreatic Cancer and Other Advanced Solid Tumors Hal & Susan Fetterman Name Nemunaitis, John J. Nemunaitis, Nadine Medicine, Department of Ryan White Part C (Title III) HIV Early Intervention Services (EIS) Program HIV/AIDS Bureau Name Department Duggan, Joan Social Marketing Advertising CTR Centers for Disease Control and Prevention through Lucas County Regional Heal Name Department Medicine, Department of Medicine, Department of Medicine, Department of Department Name Department Duggan, Joan Medicine, Department of National Institutes of Health Name Department Neurosciences, Department of Blomquist, Thomas M. Kalinoski, Andrea L. Surgery, Department of | In MINHC project Notes and the services & Services Administration through University of Illinois at Chicago Name | Intervention of the sources & Services Administration through University of Illinois at Chicago Name | Indirect Cost Indire | Indirect Cost In |

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| on-going projects with new funds, i.e. not reported in a previous fiscal year. | | | Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|---|---|--|-------------------|---------------|------------------------|-------------|---------------|
| Medicine, Departme | nt of | | | | | | |
| T-127667-02 | Effective targeting surviving dimer inhibitors | ization interface with small molecule | No | \$223,450 | \$119,546 | \$342,996 | \$205,798 |
| 6/1/19 to 5/31/20 | National Institute of General Medica | l Sciences | | | | | _ |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Liu, JingYuan | Medicine, Department of | | | 60 | | |
| Co-I | Zhang, Jian-Ting | Cancer Biology, Department of | | | 40 | | |
| | | Sum of Department | (Medicine, Depart | tment of) Awa | rd Count: 65.93 | | \$5,136,020 |
| Neurology, Departm | | | | | | | *** |
| C-124563-04 | | mantadine HCI) Extended Release | No | \$8,761 | \$2,628 | \$11,389 | \$11,389 |
| | Capsules for the Treatment of Leve | • | | | | | |
| | Parkinson's Disease Patients, and entitled "Open-Label Safety Study | | | | | | |
| 7/1/18 to 5/8/19 | Adamas Pharmaceuticals | 01 AD3-3102 | | | | | |
| Role | Name | Department | | | % Credit | | 1 |
| PI/PD | Elmer, Lawrence | Neurology, Department of | | | 100 | | |
| C-124574-04 | Long-Term, prospective, mulitnation | onal, parallel-cohort study monitoring | No | \$1,346 | \$404 | \$1,750 | 」 \$1,750 |
| | safety in patients with MS newly st | • • | | . , | | . , | |
| | treated with another approved dise | | | | | | |
| 7/1/18 to 6/30/19 | Novartis | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Ramsey-Williams, Vicki A. | Neurology, Department of | | | 80 | | |
| Co-I | Koffman, Boyd | Neurology, Department of | | | 20 | | |
| C-125177-04 | A Phase 2 Clinical Trial of the VX15 | 5/2503 Antibody in Huntington's | No | \$195,868 | \$58,760 | \$254,629 | \$254,629 |
| | Disease | | | | | | |
| 7/1/18 to 6/30/19 | Huntington Study Group | | | | | | , |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Elmer, Lawrence | Neurology, Department of | | | 100 | | |
| C-125431-03 | An Open-Label, Phase 3 Study Exa | | No | \$44,374 | \$13,312 | \$57,686 | \$57,680 |
| | Tolerability and Efficacy of APL-13 | • | | | | | |
| | | Complicated by Motor Fluctuations | | | | | |
| 7/1/18 to 6/30/19 | Cynapsus Therapeutics Inc. | | | | | | 1 |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Elmer, Lawrence | Neurology, Department of | | | 100 | | |
| Co-I | Scott, Mary E. | Neurology, Department of | | | | | 1 |

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| n-going projects with | g projects with new funds, i.e. not reported in a previous fiscal year. | | | Direct Cost | Indirect Cost | Total Award | Credit |
|------------------------------------|--|--|---------|-------------|-----------------------------------|-------------|---------|
| eurology, Departmei | nt of | | | | | | |
| C-125470-03 12/17/15 to 6/30/19 | A Clinical Study of Patients with Sy Hypotension to Assess Sustained E No. 16306A) Lundbeck Inc. | • | No | \$1,315 | \$485 | \$1,800 | \$1,80 |
| Role PI/PD Co-I | <u>Name</u> Elmer, Lawrence Scott, Mary E. | <u>Department</u> Neurology, Department of Neurology, Department of | | | <u>% Credit</u> 100 | | |
| C-125472-03 7/1/18 to 4/20/19 | A Phase 3, Long-term, Open-label s with Moderate to Severe Parkinson' Kyowa Hakko Kirin, Co., Ltd. | No | \$2,542 | \$763 | \$3,305 | \$3,30 | |
| Role PI/PD | <u>Name</u> Elmer, Lawrence | <u>Department</u> Neurology, Department of | | | <u>% Credit</u> 100 | | |
| C-125477-03 7/1/18 to 6/30/19 | | B Study of the Safety and Efficacy of ents with Chronic Motor Deficit from | No | \$22,589 | \$7,228 | \$29,817 | \$20,87 |
| Role PI/PD Co-I Co-I | Name Jumaa, Mouhammad A. Wuescher, Christian Andrew Zaidi, Syed Fazal Abbas | <u>Department</u> Neurology, Department of Orthopaedic Surgery, Department of Neurology, Department of | | | <u>% Credit</u> 35 30 35 | | |
| 2/29/16 to 6/30/19 | A Phase III Multicenter, Randomized Active-Controlled study Comparing Retentive, Controlled Release Acco (AP-CD/LD) to immediate Release Consease Patients Pharmaceutical Research Associates | the Efficacy and Safety of Gastric rdian Pill™ Carbidopa/Levadopa D/LD in Fluctuating Parkinson's | No | \$49,549 | \$14,865 | \$64,414 | \$64,41 |
| Role PI/PD | <u>Name</u> Elmer, Lawrence | Department Neurology, Department of | | | <u>% Credit</u> 100 | | |
| C-125867-03 10/14/16 to 8/20/18 | A 15-Week, Phase 2, Double Blind, I Flexible Dose Study to Investigate t PF-06649751 in Subjects with Early Pfizer, Inc. | Randomized, Placebo-Controlled, he Efficacy, Safety & Tolerability of | No | \$2,154 | \$646 | \$2,800 | \$2,800 |
| Role PI/PD Co-I | <u>Name</u> Elmer, Lawrence Scott, Mary E. | <u>Department</u> Neurology, Department of Neurology, Department of | | | <u>% Credit</u> 100 | | |

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| s with new funds, i.e. not reported in a previous fiscal year. <u>Cash? Direct Cost</u> <u>Indirect Cost</u> <u>Total</u> | | Total Award | Credit | | | |
|---|---|---|--|---|--|---|
| nt of | | | | | | |
| A Phase 3, 12 Wk, Multi-Ctr, Multina Double-Dummy, Parallel Group Stud of P2B001 Once Daily Compared to Subjects W/ Early Parkinson's Dise | dy to Det. the Efficacy, Safety, & Tol. its Individual Components in ase & to a Calibration Arm of | No | \$59,768 | \$17,930 | \$77,698 | \$77,698 |
| <u>Name</u> | <u>Department</u> | | | % Credit | | |
| Elmer, Lawrence | Neurology, Department of | | | 100 | | |
| Rashid, Mehmood | Neurology, Department of | | | | | |
| An Open-Level, Multi-Center, Follow | v-Up Study Designed to Evaluate the | No | \$6,261 | \$1,878 | \$8,140 | \$8,140 |
| <u> </u> | <u> </u> | | | | | |
| • | 1 004" | | | | | |
| | | | | | | |
| Pharmaceutical Research Associates | , | | | | | |
| <u>Name</u> | | | | | | |
| · | Neurology, Department of | | | | | |
| | | No | \$138,604 | \$11,088 | \$149,692 | \$14,96 |
| Substance Abuse and Mental Health | Services Administration | | | | | |
| <u>Name</u> | <u>Department</u> | | | % Credit | | |
| McCullumsmith, Cheryl Beth | Psychiatry, Department of | | | 30 | | |
| Ali, Imran | | | | | | |
| | | | | | | |
| | • | | | | | |
| • | | No | \$6,261 | \$1,878 | \$8,139 | \$8,13 |
| • | • • | | | | | |
| • | • | | | | | |
| | Epilepsy" (the "Triai"). | | | | | |
| | Danasturant | | | 0/ Cmadit | | |
| | | | | | | |
| · | | No | 60 | | ¢ 0 | • |
| | • | NO | φU | φU | φU | \$ |
| | | | | | | |
| Acadia Pharmaceuticals. Inc. | Sychosis | | | | | |
| i iidiiiidoodiiodio, iiio. | | | | | | |
| Name | Department | | | % Credit | | |
| | A Phase 3, 12 Wk, Multi-Ctr, Multina Double-Dummy, Parallel Group Study of P2B001 Once Daily Compared to Subjects W/ Early Parkinson's Dise Pramipexole ER, Protocol P2B001/0 Pharma Two B Ltd. Name Elmer, Lawrence Rashid, Mehmood An Open-Level, Multi-Center, Follow Long-Term Effects of AP-CD/LD in F Subjects who Completed Study IN 1 Protocol Number IN 11 004 OLE Pharmaceutical Research Associates Name Elmer, Lawrence Designed for DATA Substance Abuse and Mental Health Name McCullumsmith, Cheryl Beth Ali, Imran Singh, Tanvir Williams, Kristi Biogen protocol no. 101EP201 entit Placebo-Controlled, Phase 2 Study Tolerability of Natalizumab (BG0000 Subjects With Drug-Resistant Focal Biogen, Inc. Name Ali, Imran A Double-blind, Placebo-controlled, Pimavanserin for the Treatment of HAssociated With Dementia-related F | A Phase 3, 12 Wk, Multi-Ctr, Multinational, Rand., Double-Blind, Double-Dummy, Parallel Group Study to Det. the Efficacy, Safety, & Tol. of P2B001 Once Daily Compared to its Individual Components in Subjects W/ Early Parkinson's Disease & to a Calibration Arm of Pramipexole ER, Protocol P2B001/003 Pharma Two B Ltd. Name Department Elmer, Lawrence Neurology, Department of Rashid, Mehmood Neurology, Department of An Open-Level, Multi-Center, Follow-Up Study Designed to Evaluate the Long-Term Effects of AP-CD/LD in Fluctuating Parkinson's Disease Subjects who Completed Study IN 11 004" Protocol Number IN 11 004 OLE Pharmaceutical Research Associates, Inc. Name Department Elmer, Lawrence Neurology, Department of Designed for DATA Substance Abuse and Mental Health Services Administration Name Department McCullumsmith, Cheryl Beth Ali, Imran Neurology, Department of Singh, Tanvir Psychiatry, Department of Williams, Kristi Psychiatry, Department of Williams, Kristi Psychiatry, Department of Biogen protocol no. 101EP201 entitled "A Randomized, Double-Blind, Placebo-Controlled, Phase 2 Study Exploring the Efficacy, Safety, and Tolerability of Natalizumab (BG00002) as Adjunctive Therapy in Adult Subjects With Drug-Resistant Focal Epilepsy" (the "Trial"). Biogen, Inc. Name Department Ali, Imran Neurology, Department of Pimavanserin for the Treatment of Hallucinations and Delusions Associated With Dementia-related Psychosis | A Phase 3, 12 Wk, Multi-Ctr, Multinational, Rand., Double-Blind, No Double-Dummy, Parallel Group Study to Det. the Efficacy, Safety, & Tol. of P2B001 Once Daily Compared to its Individual Components in Subjects W Early Parkinson's Disease & to a Calibration Arm of Pramipexole ER, Protocol P2B001/003 Pharma Two B Ltd. Name Department Elmer, Lawrence Neurology, Department of Rashid, Mehmood Neurology, Department of Ne | A Phase 3, 12 Wk, Multi-Ctr, Multinational, Rand., Double-Blind, Double-Dummy, Parallel Group Study to Det. the Efficacy, Safety, & Tol. of P2B001 Once Daily Compared to its Individual Components in Subjects W Early Parkinson's Disease & to a Calibration Arm of Pramipexole ER, Protocol P2B001/003 Pharma Two B Ltd. Name Department Elmer, Lawrence Neurology, Department of An Open-Level, Multi-Center, Follow-Up Study Designed to Evaluate the Long-Term Effects of AP-CDILD in Fluctuating Parkinson's Disease Subjects who Completed Study IN 11 004" Protocol Number IN 11 004 OLE Pharmaceutical Research Associates, Inc. Name Department Elmer, Lawrence Neurology, Department of Designed for DATA Substance Abuse and Mental Health Services Administration Name Department McCullumsmith, Cheryl Beth Psychiatry, Department of Neurology, Department of Singh, Tanvir Psychiatry, Department of Williams, Kristi Psychiatry, Department of Biogen protocol no. 101EP201 entitled "A Randomized, Double-Blind, Placebo-Controlled, Phase 2 Study Exploring the Efficacy, Safety, and Tolerability of Natalizumab (BG00002) as Adjunctive Therapy in Adult Subjects With Drug-Resistant Focal Epilepsy" (the "Trial"). Biogen, Inc. Name Department Ali, Imran Neurology, Department of Neurology, Department of Neurology, Department of Psychiatry, Department of No \$6,261 Placebo-Controlled, Phase 2 Study Exploring the Efficacy, Safety, and Tolerability of Natalizumab (BG00002) as Adjunctive Therapy in Adult Subjects With Drug-Resistant Focal Epilepsy" (the "Trial"). Biogen, Inc. Name Department Ali, Imran Neurology, Department of Papartment of Hallucinations and Delusions Associated With Dementia-related Psychosis | A Phase 3, 12 Wk, Multi-Ctr, Multinational, Rand., Double-Blind, Double-Dummy, Parallel Group Study to Det. the Efficacy, Safety, & Tol. of P2B001 Once Daily Compared to its Individual Components in Subjects W Early Parkinson's Disease & to a Calibration Arm of Pramipsvole ER, Protocol P2B001/003 Pharma Two B Ltd. Name Department Elmer, Lawrence Neurology, Department of Rashid, Mehmood Neurology, Department of An Open-Level, Multi-Center, Follow-Up Study Designed to Evaluate the Long-Term Effects of AP-CD/LD in Fluctuating Parkinson's Disease Subjects who Completed Study IN 11 004" Protocol Number IN 11 004 OLE Pharmaceutical Research Associates, Inc. Name Department Elmer, Lawrence Neurology, Department of 100 Designed for DATA Neurology, Department of 100 Designed for DATA Neurology, Department of 100 No \$138,604 \$11,088 Substance Abuse and Mental Health Services Administration Name Department McCullumsmith, Cheryl Beth Psychiatry, Department of 100 Singh, Tanvir Psychiatry, Department of 100 Singh, Tanvir Psychiatry, Department of 100 Biogen protocol no. 101EP201 entitled "A Randomized, Double-Blind, No \$6,261 \$1,878 Placebo-Controlled, Phase 2 Study Exploring the Efficacy, Safety, and Tolerability of Natalizums (B600002) as Adjunctive Therapy in Adult Subjects With Drug-Resistant Focal Epilepsy" (the "Trial"). Biogen, Inc. Name Department Neurology, Department of 100 A Double-blind, Placebo-controlled, Relapse Prevention Study of No \$0 \$0 Pimavanserin for the Treatment of Hallucinations and Delusions Associated With Dementia-related Psychosis | A Phase 3, 12 Wk, Multi-Ctr, Multinational, Rand., Double-Blind, Double-Dummy, Parallel Group Study to Dot. the Efficacy, Safety, & Tol. of P2B001 Once Daily Compared to its Individual Components in Subjects W. Early Parkinson's Disease & to a Calibration Arm of Pramipoxole ER, Protocol P2B001/003 Pharma Two B Ltd. Name Department of Neurology, Department of Rashid, Mehmood Neurology, Department of Rashid, Mehmood Neurology, Department of Rashid Mehmood Neurology, Department of Rashid Mehmood Neurology, Department of Rashid Mehmood Neurology, Department of No \$6,261 \$1,878 \$8,140 Long-Term Effects of AP-CD/LD in Fluctuating Parkinson's Disease Subjects who Completed Study in Y1 100" Protocol Number in Y1 004 OLE Pharmaceutical Research Associates, Inc. Name Department Neurology, Department of Neurology, Department of No \$138,604 \$11,088 \$149,692 Substance Abuse and Mental Health Services Administration Name Department Neurology, Department of Ali, Imran Neurology, Department of No \$6,261 \$1,878 \$8,139 Biogen protocol no. 101EP201 entitled "A Randomized, Double-Blind, Placebo-Controlled, Phase 2 Study Exploring the Efficacy, Safety, and Tolerability of Natalizumab (B300002) as Adjunctive Therapy in Adult Subjects With Drug-Resistant Focal Epilepy" (the "Trial"). Name Department Support Neurology, Department of Neurolog |

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| on-going projects with | projects with new funds, i.e. not reported in a previous fiscal year. | | | Direct Cost | Indirect Cost | Total Award | Credit |
|-----------------------------------|--|--|------------------|---------------|------------------------|-------------|-----------|
| Neurology, Departme | ent of | | | | | | |
| N-127418-01 4/1/19 to 6/30/19 | | l, Placebo-Controlled, Inpatient, f Staccato Alprazolam (STAP-001) in redictable Seizure Pattern | No | \$0 | \$0 | \$0 | \$0 |
| Role PI/PD | <u>Name</u> Sheikh, Ajaz Ahmad | <u>Department</u> Neurology, Department of | | | <u>% Credit</u> 100 | | |
| N-127467-01-W1 3/4/19 to 6/30/19 | • | lacebo-Controlled, Dose Finding Study acy of Padsevonil as Adjunctive res in Adult Subjects with | No | \$10,096 | \$3,029 | \$13,125 | \$13,125 |
| Role PI/PD | <u>Name</u> Ali, Imran | <u>Department</u> Neurology, Department of | | | <u>% Credit</u> 100 | | |
| | | Sum of Department (N | Neurology, Depar | tment of) Awa | rd Count: 14.80 | <u> </u> | \$540,716 |

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Neurosciences, Department of

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| on-going projects with | new funds, i.e. not reported in a previou | us fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|------------------------|--|---|---------------------|-------------|---------------|-------------|---------------|
| Neurosciences, Depar | rtment of | | | | | | |
| C-125299-03 | Study of Early Brain Alterations that PTSD | t Predict Development of Chronic | No | \$364,491 | \$142,231 | \$506,722 | \$50,672 |
| 7/1/18 to 6/30/19 | National Institute on Mental Health | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Wang, Xin | Psychiatry, Department of | | | 89 | | |
| Co-I | Brickman, Kristopher R. | Surgery, Department of | | | | | |
| Co-I | Elhai, Jon D. | Psychology, Department of | | | | | |
| Co-I | Rapport, Daniel J. | Psychiatry, Department of | | | | | |
| Co-I | Tull, Matthew T. | Psychiatry, Department of | | | | | |
| Co-I | Xie, Hong | Neurosciences, Department of | | | 10 | | |
| Co-I | Xu, Kevin Shuai | Electrical Engineering and Computer Sci | ence, Department of | | 1 | | |
| Stdnt Schol | Christ, Nicole Marie | Psychiatry, Department of | • | | | | |
| Stdnt Schol | Cotton, Andrew Stephen | Psychiatry, Department of | | | | | |
| Stdnt Schol | Dempsey, Abigail Elizabeth | Psychiatry, Department of | | | | | |
| Stdnt Schol | Duff, Joseph Robert | Psychiatry, Department of | | | | | |
| Stdnt Schol | Forbes, Courtney N. | Psychiatry, Department of | | | | | |
| Stdnt Schol | Grau, Aaron Scott | Psychiatry, Department of | | | | | |
| Stdnt Schol | Harless, Nicole Ann | Psychiatry, Department of | | | | | |
| Stdnt Schol | Ickes, Jessica R. | Psychiatry, Department of | | | | | |
| Stdnt Schol | Lu, Christine | Psychiatry, Department of | | | | | |
| Stdnt Schol | Lyu, Xin | Psychiatry, Department of | | | | | |
| Stdnt Schol | Mathews, Jeremy | Psychiatry, Department of | | | | | |
| Stdnt Schol | McDaniel, Mitchell Andre | Psychiatry, Department of | | | | | |
| Stdnt Schol | O'Leary, Brian M. | Psychiatry, Department of | | | | | |
| Stdnt Schol | Radabaugh, Jacob John | Psychiatry, Department of | | | | | |
| Stdnt Schol | Sood, Ambika | Psychiatry, Department of | | | | | |
| Stdnt Schol | Walkosz, Macie | Psychiatry, Department of | | | | | |
| C-125299-03-I01 | Study of Early Brain Alterations tha | at Predict Development of Chronic | No | \$121,497 | \$47,411 | \$168,908 | \$16,891 |
| | PTSD | · | | | | | |
| 7/1/18 to 6/30/19 | National Institute on Mental Health | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Wang, Xin | Psychiatry, Department of | | | 89 | | |
| Co-I | Brickman, Kristopher R. | Surgery, Department of | | | | | |
| Co-I | Elhai, Jon D. | Psychology, Department of | | | | | |
| Co-I | Rapport, Daniel J. | Psychiatry, Department of | | | | | |
| Co-I | Tull, Matthew T. | Psychiatry, Department of | | | | | |
| Co-I | Xie, Hong | Neurosciences, Department of | | | 10 | | |
| Co-I | Xu, Kevin Shuai | Electrical Engineering and Computer Sci | ence, Department of | | 1 | | |

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| -going projects with | new lulius, i.e. not reported in a previo | us listal year. | Cash? | <u>Direct Cost</u> | Indirect Cost | Total Award | <u>Credit</u> |
|----------------------|---|---|-----------|--------------------|----------------------|-------------|---------------|
| eurosciences, Depa | rtment of | | | | | | |
| C-126970-04-S1 | Cell-specific analysis of sub-kinon | nes in schizophrenia | No | \$13,896 | \$7,434 | \$21,330 | \$21,3 |
| 1/1/19 to 4/30/19 | National Institutes of Health | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | McCullumsmith, Robert E. | Neurosciences, Department of | | | 100 | | |
| C-126970-05 | Cell-specific analysis of sub-kinon | nes in schizophrenia | No | \$250,000 | \$98,052 | \$348,052 | \$348,0 |
| 5/1/19 to 4/30/20 | National Institutes of Health | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | McCullumsmith, Robert E. | Neurosciences, Department of | | | 100 | | |
| N-127625-01 | Ohio I-Corps Program | | No | \$13,500 | \$1,500 | \$15,000 | \$7,5 |
| 4/1/19 to 10/31/19 | Ohio Department of Education throu | gh Ohio State University | | , | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Park, Joshua Jin-Hyouk | Neurosciences, Department of | | | 50 | | |
| Co-PI | Kim, Dong Shik | Chemical and Environmental Engineering, Departn | nent of | | 50 | | |
| S-125682-01-S2 | Anatomical-Functional Mapping of | | No | \$545,632 | \$96,848 | \$642,480 | \$642,4 |
| 2/1/18 to 1/31/19 | National Institutes of Health | | | , | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Howard, Marthe | Neurosciences, Department of | | | 100 | | |
| Co-I | Blomquist, Thomas M. | Pathology, Department of | | | | | |
| Co-I | Kalinoski, Andrea L. | Surgery, Department of | | | | | |
| Co-I | Margiotta, Joseph | Neurosciences, Department of | | | | | |
| Co-I | Willey, James | Medicine, Department of | | | | | |
| S-125682-01-S3 | Anatomical-Functional Mapping of | Enteric Neural Circuits | No | \$339,325 | \$174,751 | \$514,076 | \$514,0 |
| 2/1/19 to 1/31/20 | National Institutes of Health | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Howard, Marthe | Neurosciences, Department of | | | 100 | | |
| Co-I | Kalinoski, Andrea L. | Surgery, Department of | | | | | |
| Co-I | Margiotta, Joseph | Neurosciences, Department of | | | | | |
| Г-126970-04 | Cell-specific analysis of sub-kinon | nes in schizophrenia | No | \$250,000 | \$127,490 | \$377,490 | \$377,4 |
| 1/1/19 to 4/30/19 | National Institutes of Health | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | McCullumsmith, Robert E. | Neurosciences, Department of | | | 100 | | |
| | | Sum of Department (Neurosciences | s, Depart | ment of) Awar | d Count: 5.70 | | \$1,978,4 |

Obstetrics & Gynecology, Department of

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| regoing projects with new funds, i.e. not reported in a previous listed year. | | | Cash? | <u>Direct Cost</u> | Indirect Cost | Total Award | <u>Credit</u> |
|---|--|---|-------|--------------------|-----------------------------------|-------------|---------------|
| bstetrics & Gyneco | logy, Department of | | | | | | |
| C-125527-04 2/29/16 to 2/28/19 | A Phase 3 Study to Evaluate the Efficacy and Safety of Elagolix in Combination with Estradiol/Norethindrone Acetate for the Manageme of Heavy Menstrual Bleeding Associated with Uterine Fibroids in Premenopausal Women | | No | \$9,730 | \$2,919 | \$12,649 | \$6,32 |
| Role PI/PD PI/PD Co-I | <u>Name</u> Neuhoff, Ronica Smaili, Sleiman K. Brodsky, Burton S. | <u>Department</u> Obstetrics & Gynecology, Department of Graduate Studies, College of Obstetrics & Gynecology, Department of | | | <u>% Credit</u> 35 50 15 | | |
| C-125671-03 7/1/18 to 6/30/19 | A Phase 3 Study to Evaluate the Safe Combination with Estradiol/Norethin Moderate to Severe Endometriosis-A Protocol No. M14-702 AbbVie | drone Acetate in Subjects with | No | \$4,110 | \$1,233 | \$5,343 | \$4,27 |
| Role PI/PD Co-I Co-I | <u>Name</u> Smaili, Sleiman K. Brodsky, Burton S. Neuhoff, Ronica | Department Graduate Studies, College of Obstetrics & Gynecology, Department of Obstetrics & Gynecology, Department of | | | % Credit 20 20 60 | | |
| C-126226-02 4/4/17 to 6/30/19 | Extension Study to Evaluate the Effi Premenopausal Women with Heavy Uterine Fibroids - Protocol M12-816 AbbVie | | No | \$8,365 | \$2,677 | \$11,042 | \$11,04 |
| Role PI/PD Co-I Co-I | <u>Name</u> Smaili, Sleiman K. Brodsky, Burton S. Neuhoff, Ronica | Department Obstetrics & Gynecology, Department of Obstetrics & Gynecology, Department of Obstetrics & Gynecology, Department of | | | % Credit 20 20 60 | | |
| C-126681-02 7/1/18 to 6/30/19 | A Phase 3b Study to Evaluate the Lo Elagolix in Combination with Estrad Management of Heavy Menstrual Ble Fibroids in Premenopausal Women Protocol No. M16-283 AbbVie | iol/Norethindrone Acetate for the | No | \$26,654 | \$7,996 | \$34,651 | \$34,65 |
| Role PI/PD Co-I | <u>Name</u> Smaili, Sleiman K. Brodsky, Burton S. | <u>Department</u> Obstetrics & Gynecology, Department of Obstetrics & Gynecology, Department of | | | <u>% Credit</u> 100 | | |

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| This report does not show all projects that were active in FY19. | This report shows only new and |
|--|--------------------------------|
| on-going projects with new funds, i.e. not reported in a previous | s fiscal vear. |

| bstetrics & Gynecol | | | | | | | |
|------------------------------------|--------------------------------------|---|--------------|---------------|-----------------------|-----------|---------|
| N-124707-01 | Extension Study to Evaluate the Lor | | Yes | \$2,019 | \$606 | \$2,625 | \$2,6 |
| | • | to Severe Endometriosis-Associated | | | | | |
| 10/6/14 to 10/5/16 | Pain AbbVie | | | | | | |
| Role | | Department | | | % Credit | | |
| PI/PD | <u>Name</u> Neuhoff, Ronica | <u>Department</u> Obstetrics & Gynecology, Department of | | | <u>% Credit</u> 60 | | |
| Co-I | Betts-Cobau, Teresa | Obstetrics & Gynecology, Department of Obstetrics & Gynecology, Department of | | | 10 | | |
| Co-I | Smaili, Sleiman K. | Obstetrics & Gynecology, Department of | | | 30 | | |
| <u> </u> | omain, oromain ru | Sum of Department (Obstetrics & Gyn | ocology Don | artmont Awar | d Count: 4.30 | | \$58,9° |
| | | Sum of Department (Obstetrics & Gyn | ecology, Dep | artinent Awar | a Count. 4.30 | | Ψ30,9 |
| rthopaedic Surgery, C-124700-05 | Molecular characterization of novel | inculin concitizore | No | \$114,749 | \$61,391 | \$176,140 | \$176,1 |
| 5/1/19 to 4/30/20 | | ve & Kidney Diseases through Scripps Research | NO | φ114,743 | φ01,391 | \$170,140 | φ170,1 |
| 5/1/19 (0 4/30/20 | Institute | ve & Nuney Diseases unough Scripps Research | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Lecka-Czernik, Beata | Orthopaedic Surgery, Department of | | | 100 | | |
| C-125477-03 | A Double-Blind, Controlled Phase 2 | B Study of the Safety and Efficacy of | No | \$22,589 | \$7,228 | \$29,817 | \$8,9 |
| | Modified Stem Cells (SB623) in Patie | ents with Chronic Motor Deficit from | | | | | |
| | Ischemic Stroke | | | | | | |
| 7/1/18 to 6/30/19 | Sunovion Pharmaceuticals | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Jumaa, Mouhammad A. | Neurology, Department of | | | 35 | | |
| Co-I | Wuescher, Christian Andrew | Orthopaedic Surgery, Department of | | | 30 | | |
| Co-I | Zaidi, Syed Fazal Abbas | Neurology, Department of | | | 35 | | |
| N-127178-01 | Use of a Cellular Bone Matrix in Spi | nal Fusion: A Retrospective | No | \$113,846 | \$34,154 | \$148,000 | |
| -40404 -4-40 | Analysis | | | | | | |
| 5/16/18 to 5/15/19 | LifeNet Health | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Elgafy, Hossein | Orthopedics | | | 100 | | |
| Co-I | Semaan, Hassan | Resid Prgm-Radiology | | | | | |
| | Mierzwa, Adam Thomas | Orthopaedic Surgery, Department of | | | | | |
| Stdnt Schol | Dayland Andrea N | Orthopaedic Surgery, Department of | | | | | |
| Stdnt Schol Stdnt Schol | Rowland, Andrea N. | Orthopacaio Cargory, Department of | | | | | |

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This report does **not** show all projects that were active in FY19. This report shows only new and

| • | how all projects that were active in FY | · · · · · · · · · · · · · · · · · · · | | | | | Dept Award |
|-----------------------|--|---------------------------------------|--------------------------|--------------------|----------------|-------------|------------|
| n-going projects with | new funds, i.e. not reported in a previ | ous fiscal year. | Cash? | <u>Direct Cost</u> | Indirect Cost | Total Award | Credit |
| Orthopedics | | | | | | | |
| N-127016-01 | Common mechanisms regulating remodeling and energy metabolis | • | No | \$104,532 | \$10,453 | \$114,985 | \$114,985 |
| 1/1/19 to 12/31/19 | American Diabetes Association-Na | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Lecka-Czernik, Beata | Orthopedics | | | 100 | | |
| N-127178-01 | Use of a Cellular Bone Matrix in S | pinal Fusion: A Retrospective | No | \$113,846 | \$34,154 | \$148,000 | \$148,000 |
| | Analysis | | | | | | |
| 5/16/18 to 5/15/19 | LifeNet Health | | | | | | , |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Elgafy, Hossein | Orthopedics | | | 100 | | |
| Co-I | Semaan, Hassan | Resid Prgm-Radiology | | | | | |
| Stdnt Schol | • | Orthopaedic Surgery, Department of | | | | | |
| Stdnt Schol | · | Orthopaedic Surgery, Department of | | | | | |
| N-127407-01 | Orthopedic Anatomy sessions | | No | \$6,000 | \$0 | \$6,000 | \$6,000 |
| 1/4/19 to 4/11/19 | Johnson & Johnson Medical Devic | e Business Services Inc | | | | | _ |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Ebraheim, Nabil | Orthopedics | | | 100 | | |
| | | Sum of I | Department (Orth | opedics) Awa | rd Count: 3.00 | | \$268,985 |
| Pathology, Departme | nt of | | | | | | |
| C-127210-02 | | tative analysis of lung nodules with | No | \$3,797 | \$2,031 | \$5,828 | \$5,828 |
| | LDCT for early detection of lung of | | | | | | |
| 5/1/19 to 4/30/20 | National Institutes of Health throug | h University of Michigan | | | | | , |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Sun, Hongliu | Pathology, Department of | | | 100 | | |
| N-126948-01 | Inhibiting BRD9 in Melanoma | | No | \$200,000 | \$0 | \$200,000 | \$20,000 |
| 10/1/18 to 9/30/20 | Melanoma Research Foundation | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | 1 |
| PI/PD | DeLaSerna, Ivana | Cancer Biology, Department of | | | 85 | | |
| Co-I | Baum, Caitlin Emily | Pathology, Department of | | | 5 | | |
| Co-I | Blomquist, Thomas M. | Pathology, Department of | | | 5 | | |
| Co-I | Yeung, Kam C. | Cancer Biology, Department of | | | 5 | | |

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| n-going projects with | new funds, i.e. not reported in a previous | us fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
|--------------------------------|--|--|---------------|--------------------|-----------------|------------------|---------|
| athology, Departme | ent of | | | | | | |
| N-127195-01 7/23/18 to 7/31/23 | Role of Reduced Nitric Oxide in Fo Lesions University of Toledo Foundation | rmation of Early-Stage Breast | No | \$50,989 | \$0 | \$50,989 | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Furuta, Saori | Cancer Biology, Department of | | | 100 | | |
| Co-PI | Al Agha, Abdelraof Ibrahim | Physician Assistant Studies | | | 100 | | |
| Co-PI | Isailovic, Dragan | Chemistry and Biochemistry, Department of | | | | | |
| Co-PI | Khuder, Sadik | School of Population Health | | | | | |
| Co-PI | Sun, Hongliu | Pathology, Department of | | | | | |
| N-127210-01 | Histopathology correlated quantita | | No | \$3,797 | \$2,031 | \$5,828 | \$5,82 |
| | LDCT for early detection of lung ca | incer | | | | | |
| 5/1/18 to 4/30/19 | National Institutes of Health through | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Sun, Hongliu | Pathology, Department of | | | 100 | | |
| S-125682-01-S2 | Anatomical-Functional Mapping of | Enteric Neural Circuits | No | \$545,632 | \$96,848 | \$642,480 | |
| 2/1/18 to 1/31/19 | National Institutes of Health | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Howard, Marthe | Neurosciences, Department of | | | 100 | | |
| Co-I | Blomquist, Thomas M. | Pathology, Department of | | | | | |
| Co-I | Kalinoski, Andrea L. | Surgery, Department of | | | | | |
| Co-I | Margiotta, Joseph | Neurosciences, Department of | | | | | |
| Co-I | Willey, James | Medicine, Department of | | | | | |
| | | Sum of Department (Pati | hology, Depar | tment of) Awar | rd Count: 2.10 | | \$31,65 |
| ediatrics, Departme | ent of | | | | | | |
| N-124314-01 | A Phase 2 Multicenter. Single Dose | e. Randomized. Double Blind. Placebo | Yes | \$38 | \$12 | \$50 | \$5 |
| | Controlled. Parallel Group Study E | Evaluating the Safety and Efficacy of | | | | | |
| | Two Doses of Stannsporfin in Com | bination | | | | | |
| | with Phototherapy in Neonates | | | | | | |
| 9/17/13 to 2/8/17 | Quintiles, Inc. | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Blumer, Jeffrey L. | Pediatrics, Department of | | | 100 | | |
| | | | | 0/4 4=0) | A(0.50) | ¢(4 E2E) | \$(1,52 |
| N-124536-01 | A 48-52 Month Blinded-Outcomes | Follow up Study of Subjects Having | Yes | \$(1,173) | \$(352) | \$(1,525) | Ψ(1,02 |
| N-124536-01 | A 48-52 Month Blinded-Outcomes | Follow up Study of Subjects Having o in Clinical Trial 64,185-204 (Infacare | Yes | \$(1,173) | \$(352) | \$(1,525) | Ψ(1,02 |
| N-124536-01 | A 48-52 Month Blinded-Outcomes | | Yes | \$(1,173) | \$(352) | \$(1,525) | Ψ(1,02 |
| | A 48-52 Month Blinded-Outcomes Received Stannsoporfin or Placebo | o in Clinical Trial 64,185-204 (Infacare | Yes | \$(1,173) | \$ (352) | \$(1,525) | ψ(1,02 |
| 9/17/13 to 2/8/17 Role | A 48-52 Month Blinded-Outcomes Received Stannsoporfin or Placebo | o in Clinical Trial 64,185-204 (Infacare | Yes | \$(1,1 <i>1</i> 3) | % Credit | \$(1,525) | ψ(1,02 |

Dept Award

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| 0 01 7 | new lunds, i.e. not reported in a previo | suo nosai year. | Cash? | <u>Direct Cost</u> | Indirect Cost | Total Award | <u>Credit</u> |
|-----------------------|---|--|-------|--------------------|---------------|-------------|----------------|
| ediatrics, Departme | nt of | | | | | | |
| N-125254-01 | 5994- SOLI – Solithromycin Pedia | tric Development Program | Yes | \$(15,385) | \$(4,615) | \$(20,000) | \$(20,00 |
| 8/15/15 to 8/14/16 | Cempra Inc through Duke Clinical F | Research Institute | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Blumer, Jeffrey L. | Pediatrics, Department of | | | 100 | | |
| N-125413-01 | Wk Order 3 An Open-Label Rand. | Multi-Center Study to Eval. Efficacy & | Yes | \$180 | \$54 | \$234 | \$2 |
| | Safety of a Single Dose of Oral So | • | | | | | |
| | Intramuscular Ceftriaxone + Singl | • | | | | | |
| | • | licated Urogenital Gonorrhea w/ or | | | | | |
| | w/out Concomitant Chlamydia | | | | | | |
| 3/3/15 to 6/2/17 | Clinical Research Management, Inc | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Blumer, Jeffrey L. | Pediatrics, Department of | | | 100 | | |
| Dir Ctr/Inst | Rosolowski, Bonnie Jean | Pediatrics, Department of | | | | | |
| I-125823-01 | • | abel, Multi-Center Study to Determine | Yes | \$(7,519) | \$(2,256) | \$(9,775) | \$(9,7 |
| | • | omycin in Adolescents (12 to 17 yrs. of | | | | | |
| | | nos. to <12 yrs. of age) w/ Suspected | | | | | |
| 0/00/46 to 44/00/46 | or Confirmed Community-Acquire | · · · · · · · · · · · · · · · · · · · | | | | | |
| 2/23/16 to 11/30/16 | Cempra Inc through Duke Clinical F | | | | 0/ 0 !!! | | |
| Role | Name | <u>Department</u> | | | % Credit | | |
| PI/PD Dir Ctr/Inst | Blumer, Jeffrey L. Rosolowski, Bonnie Jean | Pediatrics, Department of Pediatrics, Department of | | | 100 | | |
| N-127455-01 | Reach Out and Read- Additional F | • | No | £7.900 | 60 | ¢7 900 | ¢7.0 |
| | | ·unas | No | \$7,800 | \$0 | \$7,800 | \$7,8 |
| 7/1/18 to 6/30/19 | Reach Out and Read | | | | | | |
| Role | Name | <u>Department</u> | | | % Credit | | |
| PI/PD | Stricklen-Ruiz, Valarie | Pediatrics, Department of | | | 5 | | |
| Co-PI | Legendre, Lori R. | Pediatrics, Department of | | A447 A4A | 95 | A447 A44 | 44.77 4 |
| R-010085-40 | Regional Comprehensive Genetic | | No | \$147,613 | \$0 | \$147,613 | \$147,6 |
| 7/1/18 to 6/30/19 | Ohio Department of Health - Federa | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Quinn, Eileen A. | Pediatrics, Department of | | | 100 | | |
| R-125194-03 | Reach Out and Read | | No | \$19,435 | \$0 | \$19,435 | \$19,4 |
| 3/6/18 to 8/6/19 | Reach Out and Read | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Stricklen-Ruiz, Valarie | Pediatrics, Department of | | | 10 | | |
| Co-I | Legendre, Lori R. | Pediatrics, Department of | | | 90 | | |

Phys Pharm Met/Cardio Science, Department of

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| in going projecte with t | new funds, i.e. flot reported in a previou | is fiscal year. | Cash? | <u>Direct Cost</u> | Indirect Cost | Total Award | <u>Credit</u> |
|----------------------------------|---|---|-------|--------------------|------------------------|-------------|---------------|
| hys Pharm Met/Card | io Science, Department of | | | | | | |
| C-124233-05 2/1/19 to 1/31/20 | Defective melanocortin signaling u dysfunction National Institute of Child Health & H | | No | \$225,126 | \$98,417 | \$323,543 | \$323,54 |
| Role PI/PD | <u>Name</u> Hill, Jennifer E.W. | <u>Department</u> Phys Pharm Met/Cardio Science, Department of | | | <u>% Credit</u> 100 | | |
| C-124358-02-S1 | Antioxidant-PPARalpha interaction | • • | No | \$17,575 | \$1,407 | \$18,982 | \$18,98 |
| 11/1/15 to 10/31/16 | National Heart, Lung & Blood Institut | e | | | | | |
| Role PI/PD | <u>Name</u> Hinds, Terry D. | <u>Department</u> Phys Pharm Met/Cardio Science, Department of | | | <u>% Credit</u> 100 | | |
| C-124358-05 | Antioxidant-PPARalpha interaction | reduces adiposity | No | \$151,123 | \$12,090 | \$163,213 | \$163,21 |
| 11/1/18 to 10/31/19 | National Institutes of Health | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Hinds, Terry D. | Phys Pharm Met/Cardio Science, Department of | | | 100 | | |
| C-125185-03 7/1/18 to 6/30/19 | Resp18 a novel genetic determinant renal function American Heart Association - Nation | | No | \$70,000 | \$7,000 | \$77,000 | \$77,00 |
| Role PI/PD | <u>Name</u> Kumarasamy, Sivarajan | <u>Department</u> Phys Pharm Met/Cardio Science, Department of | | | <u>% Credit</u> 100 | | |
| C-125610-03 1/1/19 to 12/31/19 | Coupled transitions of FK506-bindi signaling National Institutes of Health through | ng domains in molecular design and Health Research. Inc. | No | \$30,000 | \$16,050 | \$46,050 | \$46,05 |
| Role PI/PD | <u>Name</u> Sanchez, Edwin | <u>Department</u> Phys Pharm Met/Cardio Science, Department of | | | % Credit 100 | | |
| C-126570-02 5/1/19 to 4/30/20 | Genetic, Epigenetic and Dietary Sa Hypertension National Heart, Lung & Blood Institut | It effects on Microbiota and | No | \$431,411 | \$230,805 | \$662,216 | \$662,21 |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Joe, Bina | Phys Pharm Met/Cardio Science, Department of | | | 100 | | |
| Co-I | Chakravarti, Ritu | Phys Pharm Met/Cardio Science, Department of | | | | | |
| Co-I | Kumar, Matam Vijay | Phys Pharm Met/Cardio Science, Department of | | | | | |
| C-126676-03 | Interplay between Dietary Fiber and Carcinoma | l Gut Microbiota in Hepatocellular | No | \$203,869 | \$85,475 | \$289,344 | \$289,34 |
| 7/1/18 to 6/30/19 | National Cancer Institute | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Kumar, Matam Vijay | Phys Pharm Met/Cardio Science, Department of | | | 100 | | |

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| n-going projects with i | new funds, i.e. not reported in a previo | ous fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|--|--|--|---------|-------------|------------------------|-------------|-----------------------|
| hys Pharm Met/Card | io Science, Department of | | | | | | |
| C-126704-03 | Interplay between Lipocalin 2 and Inflammatory Bowel Disease | Bacterial Siderophores in | No | \$58,250 | \$0 | \$58,250 | \$58,250 |
| 7/1/18 to 6/30/19 | Crohn's and Colitis Foundation of A | merica | | | | | _ |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Kumar, Matam Vijay | Phys Pharm Met/Cardio Science, Department of | | | 100 | | |
| C-126745-05 | Resource for Rat Genetic Models of Aerobic Capacity | | No | \$177,812 | \$95,129 | \$272,941 | \$272,94 ⁻ |
| 7/1/18 to 6/30/19 | National Institutes of Health | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Koch, Lauren Gerard | Phys Pharm Met/Cardio Science, Department of | | | 98 | | |
| Co-I | Joe, Bina | Phys Pharm Met/Cardio Science, Department of | | | 2 | | |
| -126785-01-I01 Anti-Inflammatory and Anti-Oxidant Effects of Potato Anthocyanins | | No | \$2,230 | \$955 | \$3,185 | \$3,18 | |
| | Role of Gut Bacteria | | | | | | |
| 11/1/18 to 10/31/20 | U.S. Department of Agriculture thro | ugh Purdue University | | | | | , |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Kumar, Matam Vijay | Phys Pharm Met/Cardio Science, Department of | | | 100 | |] |
| C-126924-02 | Catalytic Iron: A Novel Regulator | of Netosis in Inflammatory Bowel | No | \$58,250 | \$0 | \$58,250 | \$58,25 |
| 7/4/40 / 0/00/40 | Disease | | | | | | |
| 7/1/18 to 6/30/19 | Crohn's and Colitis Foundation of A | | | | | | 1 |
| Role | Name | Department Department | | | % Credit | | |
| PI/PD | Kumar, Matam Vijay | Phys Pharm Met/Cardio Science, Department of | | | 100 | | |
| N-125914-01-A1 | How Non-Transcriptional IRF3 Pre | vents ALD | No | \$143,750 | \$76,906 | \$220,656 | \$11,033 |
| 9/1/18 to 8/31/19 | National Institutes of Health | | | | | | 1 |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Chattopadhyay, Saurabh | Med Microbiology & Immunology, Department of | | | 95 | | |
| Co-I | Hinds, Terry D. | Phys Pharm Met/Cardio Science, Department of | | | 5 | | |
| N-126570-01 | Genetic, Epigenetic and Dietary S | alt effects on Microbiota and | No | \$421,911 | \$225,722 | \$647,633 | \$647,633 |
| 7/10/18 to 4/30/19 | Hypertension | uto | | | | | |
| | National Heart, Lung & Blood Institu | | | | 0/ Cmadit | | 1 |
| Role PI/PD | <u>Name</u> Joe, Bina | <u>Department</u> Phys Pharm Met/Cardio Science, Department of | | | <u>% Credit</u> 100 | | |
| Co-I | Chakravarti, Ritu | Surgery, Department of | | | 100 | | |
| Co-I | Kumar, Matam Vijay | Phys Pharm Met/Cardio Science, Department of | | | | | |
| N-126745-04 | Resource for Rat Genetic Models | · · · · · · · · · · · · · · · · · · · | No | \$183,180 | \$90,190 | \$273,370 | \$273,370 |
| 4/4/18 to 6/30/18 | National Institutes of Health | | | ***** | ***,*** | , , | v =, |
| Role | Name | Department | | | % Credit | |] |
| 111010 | ITAITIO | | | | 70 010an | | 1 |
| PI/PD | Koch. Lauren Gerard | Phys Pharm Met/Cardio Science, Department of | | | 100 | | |

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| on-going projects with r | new funds, i.e. not reported in a previou | s fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
|------------------------------------|---|--|-------|-------------|------------------------|-------------|-----------|
| Phys Pharm Met/Cardi | io Science, Department of | | | | | | |
| N-126965-03 3/1/19 to 11/30/19 | Intrarenal Arteries Sense N-formyl F in Sepsis National Institute of General Medical | | No | \$162,215 | \$86,785 | \$249,000 | \$249,000 |
| Role PI/PD | <u>Name</u> Wenceslau, Camilla Ferreira | <u>Department</u> Phys Pharm Met/Cardio Science, Department of | of | | % Credit 100 | | |
| N-127146-01 1/1/19 to 12/31/19 | Metabolite-sensing receptors media in inflammatory bowel disease Crohn's and Colitis Foundation of Am | ated regulation of immune response | No | \$90,000 | \$0 | \$90,000 | \$90,000 |
| Role PI/PD | <u>Name</u> Kumar, Matam Vijay | <u>Department</u> Phys Pharm Met/Cardio Science, Department o | of | | <u>% Credit</u> 100 | | |
| N-127153-01 1/1/19 to 12/31/19 | Pre-doc Fellowship for Hannah Sate acetylcholine receptor 3 in hyperter American Heart Association - National | nsion in Polycystic Kidney Disease | No | \$26,844 | \$0 | \$26,844 | |
| Role PI/PD Co-I Stdnt Schol | <u>Name</u> Aboualaiwi, Wissam Ali Joe, Bina Saternos, Hannah Coletta | <u>Department</u> Pharmacology, Department of Phys Pharm Met/Cardio Science, Department of Pharmacology, Department of | of | | <u>% Credit</u> 100 | | |
| N-127593-01 3/1/19 to 6/30/19 | PZP -22 vaccine Humane Society of U.S. | | No | \$30,226 | \$9,824 | \$40,050 | \$40,050 |
| Role PI/PD | <u>Name</u> Turner, John | <u>Department</u> Phys Pharm Met/Cardio Science, Department of | of | | <u>% Credit</u> 100 | | |
| S-125610-02-S2 1/1/18 to 12/31/18 | Coupled transitions of FK506-binding Signaling National Institutes of Health through | ng domains in molecular design and Health Research, Inc. | No | \$3,000 | \$1,605 | \$4,605 | \$4,605 |
| Role PI/PD | <u>Name</u> Sanchez, Edwin | <u>Department</u> Phys Pharm Met/Cardio Science, Department o | of | | <u>% Credit</u> 100 | | |
| T-126704-02 1/9/18 to 6/30/18 | Interplay between Lipocalin 2 and E Inflammatory Bowel Disease Crohn's and Colitis Foundation of Am | · | No | \$28,830 | \$0 | \$28,830 | \$28,830 |
| Role PI/PD | <u>Name</u> Kumar, Matam Vijay | <u>Department</u> Phys Pharm Met/Cardio Science, Department o | | | <u>% Credit</u> 100 | | |
| T-126924-01 1/9/18 to 6/30/18 | Catalytic Iron: A Novel Regulator of Disease Crohn's and Colitis Foundation of Am | · | No | \$28,902 | \$0 | \$28,902 | \$28,902 |
| Role PI/PD | <u>Name</u> Kumar, Matam Vijay | <u>Department</u> Phys Pharm Met/Cardio Science, Department o | of | | <u>% Credit</u> 100 | | |

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| ri-going projects with | new fullus, i.e. flot reported in a previous | Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> | |
|--------------------------------|---|---|-------------|-----------------------|------------------------|---------------|---------------------|
| Phys Pharm Met/Card | dio Science, Department of | | | | | | |
| T-126965-02 | in Sepsis | ntrarenal Arteries Sense N-formyl Peptides Leading to Vascular Injury n Sepsis National Institute of General Medical Sciences | | | | \$17,872 | \$17,872 |
| 3/1/19 to 11/30/19 | National Institute of General Medical S | Sciences | | | | | 1 |
| Role PI/PD | <u>Name</u> Wenceslau, Camilla Ferreira | <u>Department</u> Phys Pharm Met/Cardio Science, Department of | | | <u>% Credit</u> 100 | | |
| T-127042-01 7/1/18 to 6/30/19 | Transfer PI: Cam McCarthy Decreas proteotoxicity and senescence in hypertension-associated premature American Heart Association - Nationa | vascular aging | No | \$52,216 | \$0 | \$52,216 | \$52,216 |
| Role PI/PD | <u>Name</u> Joe, Bina | <u>Department</u> Phys Pharm Met/Cardio Science, Department of | | | <u>% Credit</u> 100 | | |
| T-127235-01 | The Influence of Sex and Maturation | on Biomechanics of Youth Running | No | \$0 | \$1,703 | \$1,703 | \$1,703 |
| 9/1/18 to 8/31/20 | Wisconsin Athletic Trainers' Association | on | | | | | |
| Role PI/PD Co-I | <u>Name</u> Bazett-Jones, David Matthew Garcia, Micah Christopher | <u>Department</u> Phys Pharm Met/Cardio Science, Department of | | | <u>% Credit</u> 100 | | |
| | | Sum of Department (Phys Pharm Met/Car | rdio Scien | i ce, Depa Awa | rd Count: 22.05 | | \$3,418,18 8 |

Physician Assistant Studies

| \$0 | \$50,989 | | | | | | | |
|--------|----------|--|--|--|--|--|--|--|
| | | | | | | | | |
| | | | | | | | | |
| Credit | | | | | | | | |
| 100 | | | | | | | | |
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| | | | | | | | | |
| _ | | | | | | | | |

Sum of Department (Physician Assistant Studies) Award Count:

Dept Award

Psychiatry, Department of

| C-010532-24 | Adult Psychiatry Residency and Training Program | | No | \$38,571 | \$1,429 | \$40,000 | \$40,000 |
|-------------------|---|-----------------------------|----|----------|----------|----------|----------|
| 7/1/18 to 6/30/19 | Ohio Department of Mental He | alth and Addiction Services | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Kelly, Victoria C. | Psychiatry, Department of | | | 100 | | |

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| on-going projects with | going projects with new funds, i.e. not reported in a previous fiscal year. | | | Direct Cost | Indirect Cost | Total Award | Credit |
|------------------------|--|---|----|-------------|---------------|-------------|-----------|
| Psychiatry, Departm | ent of | | | | | | |
| C-101317-14 | Child and Adolescent Psychiatry Residency and Training Program | | No | \$29,048 | \$952 | \$30,000 | \$30,000 |
| 7/1/18 to 6/30/19 | Ohio Department of Mental Health ar | nd Addiction Services | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Knox, Michele | Psychiatry, Department of | | | 50 | | |
| Co-I | Goyal, Rakesh | Psychiatry, Department of | | | 25 | | |
| Co-I | Kelly, Victoria C. | Psychiatry, Department of | | | 25 | | |
| C-123813-05 | Early Intervention to Reduce Alcoho | ol Misuse and Abuse in the Ohio | No | \$85,454 | \$44,008 | \$129,462 | \$129,462 |
| | Army National Guard | | | | | | |
| 9/1/18 to 8/31/20 | U. S. Army Medical Research and Ma | ateriel Command through University Hospitals of | | | | | |
| | Cleveland | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | McCullumsmith, Cheryl Beth | Psychiatry, Department of | | | 100 | | |
| Co-I | Wryobeck, John | Psychiatry, Department of | | | | | |
| Stdnt Scho | l Jouejati, Sadalla | Psychiatry, Department of | | | | | |

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| | | | <u>Casii:</u> | Direct Cost | <u>indirect Cost</u> | <u>IOIAI AWAIU</u> | Credit |
|----------------------|---------------------------------------|---|---------------------|-------------|----------------------|--------------------|----------|
| sychiatry, Departmer | | | | | | | |
| C-125299-03 | Study of Early Brain Alterations that | t Predict Development of Chronic | No | \$364,491 | \$142,231 | \$506,722 | \$450,98 |
| | PTSD | | | | | | |
| 7/1/18 to 6/30/19 | National Institute on Mental Health | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Wang, Xin | Psychiatry, Department of | | | 89 | | |
| Co-I | Brickman, Kristopher R. | Surgery, Department of | | | | | |
| Co-I | Elhai, Jon D. | Psychology, Department of | | | | | |
| Co-I | Rapport, Daniel J. | Psychiatry, Department of | | | | | |
| Co-I | Tull, Matthew T. | Psychiatry, Department of | | | | | |
| Co-I | Xie, Hong | Neurosciences, Department of | | | 10 | | |
| Co-I | Xu, Kevin Shuai | Electrical Engineering and Computer Science | ence, Department of | | 1 | | |
| Stdnt Schol | Christ, Nicole Marie | Psychiatry, Department of | • | | | | |
| Stdnt Schol | Cotton, Andrew Stephen | Psychiatry, Department of | | | | | |
| Stdnt Schol | Dempsey, Abigail Elizabeth | Psychiatry, Department of | | | | | |
| Stdnt Schol | Duff, Joseph Robert | Psychiatry, Department of | | | | | |
| Stdnt Schol | Forbes, Courtney N. | Psychiatry, Department of | | | | | |
| Stdnt Schol | Grau, Aaron Scott | Psychiatry, Department of | | | | | |
| Stdnt Schol | Harless, Nicole Ann | Psychiatry, Department of | | | | | |
| Stdnt Schol | Ickes, Jessica R. | Psychiatry, Department of | | | | | |
| Stdnt Schol | Lu, Christine | Psychiatry, Department of | | | | | |
| Stdnt Schol | Lyu, Xin | Psychiatry, Department of | | | | | |
| Stdnt Schol | Mathews, Jeremy | Psychiatry, Department of | | | | | |
| Stdnt Schol | McDaniel, Mitchell Andre | Psychiatry, Department of | | | | | |
| Stdnt Schol | O'Leary, Brian M. | Psychiatry, Department of | | | | | |
| Stdnt Schol | Radabaugh, Jacob John | Psychiatry, Department of | | | | | |
| Stdnt Schol | Sood, Ambika | Psychiatry, Department of | | | | | |
| Stdnt Schol | Walkosz. Macie | Psychiatry, Department of | | | | | |
| C-125299-03-I01 | Study of Early Brain Alterations tha | | No | \$121,497 | \$47,411 | \$168,908 | \$150,3 |
| J-120233-00-101 | PTSD | it i realet bevelopment of omorne | 140 | Ψ121,431 | Ψτι,τιι | ψ100,300 | Ψ100,0 |
| 7/1/18 to 6/30/19 | National Institute on Mental Health | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Wang, Xin | Psychiatry, Department of | | | 89 | | |
| Co-I | Brickman, Kristopher R. | Surgery, Department of | | | 00 | | |
| Co-I | Elhai, Jon D. | Psychology, Department of | | | | | |
| Co-I | Rapport, Daniel J. | Psychiatry, Department of | | | | | |
| Co-I | Tull, Matthew T. | Psychiatry, Department of | | | | | |
| Co-I | Xie, Hong | Neurosciences, Department of | | | 10 | | |
| Co-I | Xu, Kevin Shuai | Electrical Engineering and Computer Sci | D | | 10 | | |

Direct Cost

Indirect Cost

Cash?

Dept Award

Credit

Total Award

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| n-going projects with | with new funds, i.e. not reported in a previous fiscal year. | | Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|-----------------------|---|---|-------|-------------|---------------|-------------|---------------|
| Psychiatry, Departme | ent of | | | | | | |
| C-126073-02 | CO2 Inhalation enhances the lability | y of fear memory | No | \$250,000 | \$89,100 | \$339,100 | \$16,95 |
| 1/1/19 to 12/31/19 | National Institutes of Health | | | | | | |
| Role | <u>Name</u> | Department | | | % Credit | | |
| PI/PD | Du, Jianyang | Biological Sciences, Department of | | | 90 | | |
| Co-I | Sari, Youssef | Pharmacology, Department of | | | 5 | | |
| Co-I | Wang, Xin | Psychiatry, Department of | | | 5 | | |
| C-127000-02 | Ohio Opioid Analytics Project | | No | \$75,518 | \$7,552 | \$83,070 | \$28,24 |
| 7/3/18 to 6/30/19 | Ohio Colleges of Medicine Governme | ent Resource Center through Ohio State University | , | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | McCullumsmith, Cheryl Beth | Psychiatry, Department of | | | 34 | | |
| Co-I | Boose, Michelle Delores | Family Medicine, Department of | | | 33 | | |
| Co-I | Pappada, Scott Michael | Anesthesiology, Department of | | | 33 | | |
| N-127086-01 | Educating a Community Within a Co | ommunity: Mental Health First Aid | No | \$115,734 | \$9,259 | \$124,993 | \$12,49 |
| | and Green Zone Training at the Univ | • | | | | | |
| 9/30/18 to 9/29/19 | Substance Abuse and Mental Health | Services Administration | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Lewandowski, Linda A. | Nursing, College of | | | 20 | | |
| Co-I | Gray, Temeaka A. | Nursing, College of | | | 10 | | |
| Co-I | Johnson, Tressa S. | University Police | | | 10 | | |
| Co-I | Laux, John Micah | School of Intervention & Wellness | | | 10 | | |
| Co-I | McCullumsmith, Cheryl Beth | Psychiatry, Department of | | | 10 | | |
| Co-I | Petra, Megan Meta | School of Social Justice | | | 10 | | |
| Co-I | Riddick, Vicki L. | Human Resources | | | 10 | | |
| Co-I | Thompson, Amy J. | School of Population Health | | | 20 | | |
| N-127090-01 | Screening and Brief interventions in | n a Medical Clinic | No | \$4,630 | \$370 | \$5,000 | \$5,000 |
| 9/1/18 to 8/31/19 | American Psychiatric Association Fou | ındation | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | McCullumsmith, Cheryl Beth | Psychiatry, Department of | | | 100 | | |
| Co-I | Dynes, Morgan Elizabeth | Psychiatry, Department of | | | | | |
| Co-I | Knox, Michele | Psychiatry, Department of | | | | | |

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Public Hlth/Homeland Security, Department of

This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| | ew funds, i.e. not reported in a previous fiscal year. | | | | | |
|---|--|---|--|--|---|--|
| nt of | | | | | | |
| Medicaid Equity Simulation Project Equity And Care (PAEC) | MEDTAPP Providers As Allies In | No | \$1,126,799 | \$107,300 | \$1,234,099 | |
| Centers for Medicare and Medicaid S | ervices through Ohio State University | | | | | |
| <u>Name</u> | <u>Department</u> | | | % Credit | | |
| Dworkin, Lance | Medicine, Department of | | | 50 | | |
| Altorok, Nezam | | | | | | |
| Casabianca, Andrew | Anesthesiology, Department of | | | | | |
| Hinch, Bryan Thomas | Resid Prgm-Medicine | | | | | |
| Jones, Whitney W. | Medicine, Department of | | | | | |
| | | | | | | |
| Pappada, Scott Michael | | | | 20 | | |
| Riese, Amy | | | | | | |
| | | | | 25 | | |
| Williams, Kristi | Psychiatry, Department of | | | | | |
| Designed for DATA | | No | \$138,604 | \$11,088 | \$149,692 | \$134,7 |
| Substance Abuse and Mental Health | Services Administration | | | | | |
| <u>Name</u> | <u>Department</u> | | | % Credit | | |
| McCullumsmith, Cheryl Beth | Psychiatry, Department of | | | 30 | | |
| Ali, Imran | Neurology, Department of | | | 10 | | |
| Singh, Tanvir | Psychiatry, Department of | | | 30 | | |
| Williams, Kristi | Psychiatry, Department of | | | 30 | | |
| Emergency Department Case Manag | ger | No | \$60,000 | \$0 | \$60,000 | \$60,00 |
| Ohio Department of Mental Health an | d Addiction Services | | | | | |
| Name | Department | | | % Credit | | |
| McCullumsmith, Cheryl Beth | Psychiatry, Department of | | | 100 | | |
| Opioid Overdose Reduction Program | n | No | \$31,819 | \$3,181 | \$35,000 | \$35,00 |
| City of Toledo | | | | | | |
| <u>Name</u> | <u>Department</u> | | | % Credit | | |
| McCullumsmith, Cheryl Beth | Psychiatry, Department of | | | 100 | | |
| Ohio State Opioid Response (SOR) | Project | No | \$356,818 | \$35,682 | \$392,500 | \$392,50 |
| Substance Abuse and Mental Health | Services Administration through Mental Health | and | | | | |
| Recovery Services Board | | | | | | |
| <u>Name</u> | <u>Department</u> | | | % Credit | | |
| McCullumsmith, Cheryl Beth | Psychiatry, Department of | | | 100 | | |
| | Medicaid Equity Simulation Project Equity And Care (PAEC) Centers for Medicare and Medicaid S Name Dworkin, Lance Altorok, Nezam Casabianca, Andrew Hinch, Bryan Thomas Jones, Whitney W. Papadimos, Thomas J. Pappada, Scott Michael Riese, Amy Singh, Shipra Williams, Kristi Designed for DATA Substance Abuse and Mental Health Name McCullumsmith, Cheryl Beth Ali, Imran Singh, Tanvir Williams, Kristi Emergency Department Case Manag Ohio Department of Mental Health and Name McCullumsmith, Cheryl Beth Opioid Overdose Reduction Prograt City of Toledo Name McCullumsmith, Cheryl Beth Ohio State Opioid Response (SOR) Substance Abuse and Mental Health Recovery Services Board Name | Medicaid Equity Simulation Project MEDTAPP Providers As Allies In Equity And Care (PAEC) Centers for Medicare and Medicaid Services through Ohio State University Name Department Nedicine, Department of Altorok, Nezam Casabianca, Andrew Hinch, Bryan Thomas Jones, Whitney W. Papadimos, Thomas J. Pappada, Scott Michael Riese, Amy Resid Prgm-Psychiatry Singh, Shipra Williams, Kristi Pesigned for DATA Substance Abuse and Mental Health Services Administration Name McCullumsmith, Cheryl Beth Ali, Imran Singh, Tanvir Williams, Kristi Emergency Department Case Manager Ohio Department of Mental Health and Addiction Services Name McCullumsmith, Cheryl Beth Psychiatry, Department of | Medicaid Equity Simulation Project MEDTAPP Providers As Allies In Equity And Care (PAEC) Centers for Medicare and Medicaid Services through Ohio State University Name | Medicaid Equity Simulation Project MEDTAPP Providers As Allies In Equity And Care (PAEC) | Medicaid Equity Simulation Project MEDTAPP Providers As Allies In Equity And Care (PAEC) Centers for Medicare and Medicaid Services through Ohio State University Name | Medicaid Equity Simulation Project MEDTAPP Providers As Allies In Requiry And Care (PAEC) State University |

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Radiology, Department of

| This report does not show all projects that were active in FY19 | . This report shows only new and |
|---|----------------------------------|
| on-going projects with new funds, i.e. not reported in a previou | s fiscal vear. |

| on-going projects with | g projects with new funds, i.e. not reported in a previous fiscal year. | | | | Indirect Cost | Total Award | Credit |
|------------------------|--|---|-------------|---------------|-----------------------|-------------|----------|
| Public Hlth/Homelan | d Security, Department of | | | | | | |
| N-127528-01 | Study and Wellness Tips for Exams | | No | \$1,500 | \$0 | \$1,500 | \$1,50 |
| 6/1/19 to 5/31/20 | Ohio College Health Association | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Glassman, Tavis J. | Public Hlth/Homeland Security, Department of | | | 100 | | |
| R-124040-03 | Health Promotion Coach Agreement | 3, I | No | \$95,697 | \$9,569 | \$105,266 | \$105,26 |
| 6/1/19 to 5/31/20 | Board of County (Lucas) Commissione | ers | | , , | , , , , , , | ,, | ,, . |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Boardley, Debra J. | Public Hlth/Homeland Security, Department of | | | 100 | | |
| | , | Sum of Department (Public HIth/Homel | and Securi | ty, Depar Awa | rd Count: 2.00 | | \$106,76 |
| Radiation Oncology, | - | | | | | | |
| N-125739-01 | Parent Site: Case Comprehensive Case | ancer Center | Yes | \$18,920 | \$0 | \$18,920 | \$18,92 |
| 1/1/16 to 12/31/26 | National Cancer Institute through Case | e Western Reserve University/Case Medical Cente | er | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Chen, Changhu | Radiation Oncology, Department of | | | 100 | | |
| Co-I | Chaudhuri, Prabir | Surgery, Department of | | | | | |
| Co-I | Jain, Samay | Medicine, Department of | | | | | |
| Co-I | Klepacz, Daniel S. | Medicine, Department of | | | | | |
| Co-I | Klepacz, Heather | | | | | | |
| Co-I | Mohamed, Iman E. | Medicine, Department of | | | | | |
| Co-I | Reddy, Krishna | Dana Conference Center | | | | | |
| Co-I | Shahrour, Khaled | Medicine, Department of | | | | | |
| Co-I | Skeel, Roland | Medicine, Department of | | | | | |
| Co-I | Verghese, Cherian | Medicine, Department of | | | | | |
| N-125817-01-W7 | The University of Toledo Rocket Fuel | Fund | No | \$0 | \$0 | \$0 | \$ |
| 12/1/17 to 5/31/19 | Economic Development Administration | through University of Toledo, Main Campus | | | | | |
| Role | Nam <u>e</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Parsai, E Ishmael | Radiation Oncology, Department of | | | 34 | | |
| Co-PI | Elahinia, Mohammad | Mechanical, Industrial, and Manufacturing Engir | neering, De | partment of | 33 | | |
| Co-I | Elliott, David A. | Radiation Oncology, Department of | J, | • | 33 | | |
| | | Sum of Department (Radiation Oncole | ogy, Depar | tment of) Awa | rd Count: 1.67 | | \$18,92 |
| | | , | | , | | | |

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| m going projects with | new fullus, i.e. flot reported in a previ | ous listal year. | Cash? | <u>Direct Cost</u> | Indirect Cost | Total Award | <u>Credit</u> |
|-------------------------------------|---|--|-------|--------------------|---------------|-------------|---------------|
| Radiology, Departmer | nt of | | | | | | |
| N-125468-01 11/30/15 to 11/29/16 | the Safety & Efficacy of the Inves Limited to, Submission of an App | -Scan System to Collect Data to Det. tigational Device for Purp. Incl. but not dication to the FDA to Obtain et Approval to Commercially Market the | Yes | \$6,538 | \$1,962 | \$8,500 | \$8,50 |
| Role | Name | <u>Department</u> | | | % Credit | | |
| PI/PD Co-I | Elsamaloty, Haitham M. | Radiology, Department of | | | 100 | | |
| N-126968-01-W1 | Lewis, Terrence J. Radiology, Department of Ad-p53-002; A Phase 2, Multi-Center, Open Label, Randomized Study to Evaluate Efficacy and Safety of Adenoviral p53 (Ad-p53) in combination with Nivolumab versus Nivolumab alone in Patients with Recurrent Head and Neck Squamous Cell Carcinoma (HNSCC) | | No | \$31,593 | \$9,478 | \$41,071 | |
| 5/3/18 to 5/2/19 | MultiVir Inc. | , | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Nemunaitis, John J. | Medicine, Department of | | | 100 | | |
| Co-I | Albrethsen, Mary | Medicine, Department of | | | | | |
| Co-I | Ashraf, Mushtaq | Medicine, Department of | | | | | |
| Co-I | Elsamaloty, Haitham M. | Radiology, Department of | | | | | |
| Co-I | Hamouda, Danae M. | Medicine, Department of | | | | | |
| Co-I | Skeel, Roland | Medicine, Department of | | | | | |
| Co-l | Verghese, Cherian | Medicine, Department of | | | | | |
| Dir Ctr/Inst | Nemunaitis, Nadine | Medicine, Department of | | 0454000 | 0.40.004 | 4000 000 | |
| N-127202-01 | • | etic & Pharmacodynamic Study of | No | \$154,002 | \$49,281 | \$203,282 | |
| | APS001F W/ Flucytosine & Maltos and/or Metastic Solid Tumors | se for the Treatment of Advanced | | | | | |
| 10/9/18 to 6/30/19 | Anaeropharma Science | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Nemunaitis, John J. | Medicine, Department of | | | 100 | | |
| Co-I | Albrethsen, Mary | Medicine, Department of | | | | | |
| Co-I | Ashraf, Mushtaq | Medicine, Department of | | | | | |
| Co-I | Chaudhuri, Prabir | Surgery, Department of | | | | | |
| Co-I | Elsamaloty, Haitham M. | Radiology, Department of | | | | | |
| Co-I | Hamouda, Danae M. | Medicine, Department of | | | | | |
| Co-I | Skeel, Roland | Medicine, Department of | | | | | |
| Co-I | Verghese, Cherian | Medicine, Department of | | | | | |
| Dir Ctr/Inst | Nemunaitis, Nadine | Medicine, Department of | | | | | |

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| This report does not show all projects that were active in FY19 | . This report shows only new and |
|---|----------------------------------|
| on-going projects with new funds, i.e. not reported in a previou | s fiscal vear. |

| • | ng projects with new funds, i.e. not reported in a previous fiscal year. | | | | | [| Dept Award |
|-----------------------|--|---|-----------------|----------------|-----------------------|-------------|------------|
| n-going projects with | new lunds, i.e. not reported in a previous | iiscai year. | <u>Cash?</u> | Direct Cost | Indirect Cost | Total Award | Credit |
| adiology, Departmer | nt of | | | | | | |
| N-127215-01 | A Phase 1/1b, Multicenter, Open-labe Mutant Human Papilloma Virus (HPV Adenovirus Vaccine Expressing Muta Atezolizumab in Patients with HPV A |) E6 and E7 (MG1-E6E7), with ant HPV E6 and E7 (Ad-E6E7) and | Yes | \$55,391 | \$16,617 | \$72,008 | |
| 10/11/18 to 10/10/19 | Turnstone Biologics | | | | | | |
| Role | <u>Name</u> | Department | | | % Credit | | |
| PI/PD | Nemunaitis, John J. | Medicine, Department of | | | 100 | | |
| Co-I | Albrethsen, Mary | Medicine, Department of | | | | | |
| Co-I | Ashraf, Mushtaq | Medicine, Department of | | | | | |
| Co-I | Chaudhuri, Prabir | Surgery, Department of | | | | | |
| Co-I | Elsamaloty, Haitham M. | Radiology, Department of | | | | | |
| Co-I | Hamouda, Danae M. | Medicine, Department of | | | | | |
| Co-I | Skeel, Roland | Medicine, Department of | | | | | |
| Co-I | Verghese, Cherian | Medicine, Department of | | | | | |
| Dir Ctr/Inst | Nemunaitis, Nadine | Medicine, Department of | | | | | |
| | | Sum of Department (Ra | adiology, Depar | tment of) Awa | rd Count: 1.00 | | \$8,5 |
| esid Prgm-Administ | | | | | | | |
| N-127254-01 | Travel Grant for Medical Device Busi | ness Services | No | \$4,000 | \$0 | \$4,000 | \$4,0 |
| 9/13/18 to 11/1/18 | Johnson & Johnson Medical Device Bu | usiness Services Inc | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Henning, Christen E. | Resid Prgm-Administrative | | | 100 | | |
| | | Sum of Department (Res | sid Prgm-Admin | istrative) Awa | rd Count: 1.00 | | \$4,0 |
| tesid Prgm-Family Pr | ractice | | | | | | |
| C-126701-02 | 2018-2019 Choose Ohio First: PCMH | | No | \$270,000 | \$0 | \$270,000 | \$270,0 |
| 7/1/18 to 6/30/19 | Ohio Department of Higher Education | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | · | | % Credit | | |
| PI/PD | Schaefer, Paul L. | Resid Prgm-Family Practice | | | 100 | | |

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| esid Prgm-Family Pr | actice | | | | | | |
|---|--|--|-----------------|---------------|-----------------------------------|--------------|----------|
| N-126701-01 | Choose Ohio First: PCMH | | Yes | \$210,000 | \$0 | \$210,000 | \$157,50 |
| 7/1/17 to 6/30/18 | Ohio Department of Higher Education | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Schaefer, Paul L. | Resid Prgm-Family Practice | | | 75 | | |
| Co-PI | Hickey, Daniel | Family Medicine, Department of | | | 25 | | |
| Stdnt Schol | Ingram, Evan Miles | | | | | | |
| Stdnt Schol | Miniato, Mohammed A. | | | | | | |
| Stdnt Schol | Najjar, Amira Amanda | | | | | | |
| Stdnt Schol | Saleh, Hanan Ahmed | | | | | | |
| Stdnt Schol | Shah, Jalpa Mayur | | | | | | |
| Stdnt Schol | Sims, Ariel B. | | | | | | |
| | | Sum of Department (Res | sid Prgm-Family | Practice) Awa | rd Count: 1.75 | | \$427,50 |
| | | . , | | • | | | |
| esid Prgm-Medicine | | | | | | | |
| | | | | | | | |
| C-122784-07 | A Prospective, Multicenter, Single-Blin | | No | \$394 | \$106 | \$500 | |
| C-122784-07 | Comparing the Moxy™ Drug-Coated E | Balloon vs. Standard Balloon | No | \$394 | \$106 | \$500 | |
| | Comparing the Moxy™ Drug-Coated E Angioplasty for Treatment of Femorop | Balloon vs. Standard Balloon | No | \$394 | \$106 | \$500 | |
| 9/14/11 to 8/30/18 | Comparing the Moxy™ Drug-Coated E | Balloon vs. Standard Balloon | No | \$394 | | \$500 | |
| 0/14/11 to 8/30/18 Role | Comparing the Moxy™ Drug-Coated E Angioplasty for Treatment of Femorop | Balloon vs. Standard Balloon popliteal Arteries Department | No | \$394 | \$106 <u>% Credit</u> | \$500 | |
| 0/14/11 to 8/30/18 | Comparing the Moxy™ Drug-Coated E Angioplasty for Treatment of Femorop Lutonix Inc Name Burket, Mark | Balloon vs. Standard Balloon popliteal Arteries Department Medicine, Department of | No | \$394 | | \$500 | |
| Role PI/PD Co-I | Comparing the Moxy™ Drug-Coated E Angioplasty for Treatment of Femorop Lutonix Inc Name Burket, Mark Cooper, Christopher | Balloon vs. Standard Balloon popliteal Arteries Department Medicine, Department of Medicine, Department of | No | \$394 | % Credit | \$500 | |
| Role PI/PD Co-I Co-I | Comparing the Moxy™ Drug-Coated E Angioplasty for Treatment of Femorop Lutonix Inc Name Burket, Mark Cooper, Christopher Eltahawy, Ehab A. | Department Medicine, Department of Medicine, Department of Resid Prgm-Medicine | No | \$394 | <u>% Credit</u> 70 15 | \$500 | |
| 9/14/11 to 8/30/18 Role PI/PD Co-I | Comparing the Moxy™ Drug-Coated E Angioplasty for Treatment of Femorop Lutonix Inc Name Burket, Mark Cooper, Christopher | Balloon vs. Standard Balloon popliteal Arteries Department Medicine, Department of Medicine, Department of | No | \$394 | % Credit 70 | \$500 | |
| 9/14/11 to 8/30/18 Role PI/PD Co-I Co-I | Comparing the Moxy™ Drug-Coated E Angioplasty for Treatment of Femorop Lutonix Inc Name Burket, Mark Cooper, Christopher Eltahawy, Ehab A. | Department Medicine, Department of Resid Prgm-Medicine Medicine, Department of Medicine, Department of Medicine, Department of | No No | \$394 \$0 | <u>% Credit</u> 70 15 | \$500 \$0 | |
| 9/14/11 to 8/30/18 Role PI/PD Co-I Co-I Co-I | Comparing the Moxy™ Drug-Coated E Angioplasty for Treatment of Femorop Lutonix Inc Name Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Nahhas, Ahed T. | Department Medicine, Department of Resid Prgm-Medicine Medicine, Department of Medicine, Department of Medicine, Department of | | | <u>% Credit</u> 70 15 | | |
| 9/14/11 to 8/30/18 Role PI/PD Co-I Co-I Co-I | Comparing the Moxy™ Drug-Coated E Angioplasty for Treatment of Femorop Lutonix Inc Name Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Nahhas, Ahed T. The Role of Endothelin-I in Patients w | Department Medicine, Department of Resid Prgm-Medicine Medicine, Department of Medicine, Department of Medicine, Department of | | | <u>% Credit</u> 70 15 | | |
| Role PI/PD Co-I Co-I Co-I C-123246-05 | Comparing the Moxy™ Drug-Coated E Angioplasty for Treatment of Femorop Lutonix Inc Name Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Nahhas, Ahed T. The Role of Endothelin-I in Patients w Venous Hypertension | Department Medicine, Department of Resid Prgm-Medicine Medicine, Department of Medicine, Department of Medicine, Department of | | | % Credit 70 15 15 | | |
| Role PI/PD Co-I Co-I C-123246-05 | Comparing the Moxy™ Drug-Coated E Angioplasty for Treatment of Femorop Lutonix Inc Name Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Nahhas, Ahed T. The Role of Endothelin-I in Patients w Venous Hypertension Gilead Sciences, Inc. | Department Medicine, Department of Medicine, Department of Resid Prgm-Medicine Medicine, Department of Resid Prgm-Medicine Medicine, Department of Medicine, Department of Medicine, Department of Medicine, Department of | | | <u>% Credit</u> 70 15 | | |
| Role PI/PD Co-I Co-I Co-I 2-123246-05 7/1/18 to 12/19/18 Role | Comparing the Moxy™ Drug-Coated E Angioplasty for Treatment of Femorop Lutonix Inc Name Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Nahhas, Ahed T. The Role of Endothelin-I in Patients w Venous Hypertension Gilead Sciences, Inc. Name Khouri, Samer J. | Department Medicine, Department of Medicine, Department of Resid Prgm-Medicine Medicine, Department of Resid Prgm-Medicine Medicine, Department of ith Heart Failure and Pulmonary Department Medicine, Department of | | | % Credit 70 15 15 \$0 | | |
| Role PI/PD Co-I Co-I Co-I C123246-05 Role PI/PD | Comparing the Moxy™ Drug-Coated E Angioplasty for Treatment of Femorop Lutonix Inc Name Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Nahhas, Ahed T. The Role of Endothelin-I in Patients w Venous Hypertension Gilead Sciences, Inc. Name Khouri, Samer J. | Department Medicine, Department of Medicine, Department of Resid Prgm-Medicine Medicine, Department of Resid Prgm-Medicine Medicine, Department of ith Heart Failure and Pulmonary Department Medicine, Department of | | | % Credit 70 15 15 \$0 | | |
| Role PI/PD Co-I Co-I Co-I C-123246-05 7/1/18 to 12/19/18 Role PI/PD Co-I | Comparing the Moxy™ Drug-Coated E Angioplasty for Treatment of Femorop Lutonix Inc Name Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Nahhas, Ahed T. The Role of Endothelin-I in Patients w Venous Hypertension Gilead Sciences, Inc. Name Khouri, Samer J. Chowdhury, Mohammed Andalee | Department Medicine, Department of Medicine, Department of Resid Prgm-Medicine Medicine, Department of Resid Prgm-Medicine Medicine, Department of ith Heart Failure and Pulmonary Department Medicine, Department of Medicine, Department of Medicine, Department of Medicine, Department of | | | % Credit 70 15 15 \$0 | | |

Cash?

Direct Cost

Indirect Cost

Dept Award

Credit

Total Award

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| on-going projects with | going projects with new funds, i.e. not reported in a previous fiscal year. | | <u>Cash?</u> | Direct Cost | Indirect Cost | Total Award | Credit |
|---------------------------------------|--|---|--------------|-------------|---------------------------|-------------|------------|
| Resid Prgm-Medicine | e | | | | | | |
| C-124630-05 5/1/14 to 6/30/19 | A Multicenter, Double-blind, Randomiz Study to Assess the Efficacy and Safe Added-On to Treprostinil, Inhaled (Tyv Arterial Hypertension Lung Biotechnology Inc. | ty of Oral BPS-314d-MR | No | \$9,897 | \$2,969 | \$12,866 | |
| Role | Name | Department | | | % Credit | | 1 |
| PI/PD Co-I Co-I Co-I Co-I | Moukarbel, George Victor Garris, Theresa Kahaleh, M Bashar Khouri, Samer J. Tinkel, Jodi Lee | Medicine, Department of Resid Prgm-Medicine | | | 70 <u>70 Great</u> 100 | | |
| C-125820-02 | A Randomized Trial Comparing the EL | | No | \$5,640 | \$1,692 | \$7,331 | 」 \$367 |
| 7/1/17 to 6/30/18 | Zilver® PTX® Stent for Treatment of S Proximal Popliteal Arteries Boston Scientific Corporation | | | . , | | . , | |
| Role | Name . | Department | | | % Credit | |] |
| PI/PD | Burket, Mark | Medicine, Department of | | | 80 | | |
| Co-I | Eltahawy, Ehab A. | Resid Prgm-Medicine | | | 5 | | |
| Co-I | Gupta, Rajesh | Medicine, Department of | | | 5 | | |
| Co-I | Moukarbel, George Victor | Medicine, Department of | | | 5 | | |
| Co-I | Sheikh, Mujeeb Abdul | Medicine, Department of | | | 5 | | |
| C-126355-02 | Myocardial Ischemia and Transfusion | (MINT) | No | \$22,308 | \$6,692 | \$29,000 | |
| 6/1/17 to 5/31/18 | National Institutes of Health through Ru | tgers University | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Sheikh, Mujeeb Abdul | Medicine, Department of | | | 100 | | |
| Co-I | Alhazmi, Luai | Medicine, Department of | | | | | |
| Co-I | Assiri, Salem Ali | Medicine, Department of | | | | | |
| Co-I | Burket, Mark | Medicine, Department of | | | | | |
| Co-I | Chowdhury, Mohammed Andalee | | | | | | |
| Co-I | Cook, Jered | Medicine, Department of | | | | | |
| Co-I | Eltahawy, Ehab A. | Resid Prgm-Medicine | | | | | |
| Co-I | Farah, Amjad | Medicine, Department of | | | | | |
| Co-I | Gupta, Rajesh | Medicine, Department of | | | | | |
| Co-I | Khouri, Samer J. | Medicine, Department of | | | | | |
| Co-I | Moukarbel, George Victor | Medicine, Department of | | | | | |
| Co-I | Murphy, Laura | Medicine, Department of | | | | | |
| Co-I | Sabbagh, Ebrahim | Medicine, Department of | | | | | |
| Co-I Co-I | Shafiq, Qaiser | Medicine, Department of | | | | | |
| Co-I | Syed, Mubbasher Ameer | Medicine, Department of Medicine, Department of | | | | | |
| <u> </u> C0-1 | Towheed, Arooge | мечыне, рераниети от | | | | | J |

Dept Award

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| | | | <u> </u> | Direct Cost | mancor oost | <u>Total / twara</u> | Oroun |
|-------------------|---------------------------------------|--|----------|-------------|-------------|----------------------|-------|
| sid Prgm-Medicine | | | | | | | |
| -101598-01 | PRECISION: Prospective Random | ized Evaluation of Celecoxib | Yes | \$300 | \$75 | \$375 | |
| | Integrated Safety vs. Ibuprofen or | Naproxen | | | | | |
| /6/07 to 6/30/17 | Pfizer, Inc. through INC Research, In | nc. | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Akpunonu, Basil | Medicine, Department of | | | 100 | | |
| Co-I | Bittar, Samih | Medicine, Department of | | | | | |
| Co-I | Bruhl, Steven | Resid Prgm-Medicine | | | | | |
| Co-I | Hinch, Bryan Thomas | Resid Prgm-Medicine | | | | | |
| Co-I | Vijendra, Divya | • | | | | | |
| Stdnt Schol | Baas, Tiffany Renee | Medicine, Department of | | | | | |
| -127179-01 | Medicaid Equity Simulation Projec | t MEDTAPP Providers As Allies In | No | \$1,126,799 | \$107,300 | \$1,234,099 | |
| | Equity And Care (PAEC) | | | | | | |
| 1/7/18 to 6/30/19 | Centers for Medicare and Medicaid | Services through Ohio State University | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Dworkin, Lance | Medicine, Department of | | | 50 | | |
| Co-I | Altorok, Nezam | • | | | | | |
| Co-I | Casabianca, Andrew | Anesthesiology, Department of | | | | | |
| Co-I | Hinch, Bryan Thomas | Resid Prgm-Medicine | | | | | |
| Co-I | Jones, Whitney W. | Medicine, Department of | | | | | |
| Co-I | Papadimos, Thomas J. | Anesthesiology, Department of | | | 5 | | |
| Co-I | Pappada, Scott Michael | Anesthesiology, Department of | | | 20 | | |
| Co-I | Riese, Amy | Resid Prgm-Psychiatry | | | | | |
| Co-I | Singh, Shipra | School of Population Health | | | 25 | | |
| Co-I | Williams, Kristi | Psychiatry, Department of | | | | | |
| 127186-01 | Retrospective and Prospective Inte | ernational EkoSonic Registry of the | No | \$10,587 | \$3,388 | \$13,975 | ; |
| | Treatment and Clinical Outcomes | of Patients with Pulmonary | | | | | |
| | Embolism-KNOCOUT PE | · | | | | | |
| 2/18 to 6/30/19 | EKOS Corporation | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Gupta, Rajesh | Medicine, Department of | | | 82 | | |
| Co-I | Burket, Mark | Medicine, Department of | | | 1 | | |
| Co-I | Eltahawy, Ehab A. | Resid Prgm-Medicine | | | 5 | | |
| Co-I | Moukarbel, George Victor | Medicine, Department of | | | 5 | | |
| Co-I | Nazzal, Munier M.S. | Surgery, Department of | | | 1 | | |
| Co-I | Osman, Mohamed F. | Surgery, Department of | | | 1 | | |
| Co-I | Sheikh, Mujeeb Abdul | Medicine, Department of | | | 5 | | |

Cash?

Direct Cost

Indirect Cost

Dept Award

Credit

Total Award

Resid Prgm-Psychiatry

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| This report does not show all projects that were active in FY19 | . This report shows only new and |
|---|----------------------------------|
| on-going projects with new funds, i.e. not reported in a previou | s fiscal vear. |

| id Prgm-Psychiat | ry | | | | | | |
|------------------|------------------------------------|--|----|-------------|-----------|-------------|---|
| 127179-01 | Medicaid Equity Simulation Project | ct MEDTAPP Providers As Allies In | No | \$1,126,799 | \$107,300 | \$1,234,099 | |
| | Equity And Care (PAEC) | | | | | | |
| /7/18 to 6/30/19 | Centers for Medicare and Medicaio | Services through Ohio State University | | | | | _ |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Dworkin, Lance | Medicine, Department of | | | 50 | | |
| Co-I | Altorok, Nezam | | | | | | |
| Co-I | Casabianca, Andrew | Anesthesiology, Department of | | | | | |
| Co-I | Hinch, Bryan Thomas | Resid Prgm-Medicine | | | | | |
| Co-I | Jones, Whitney W. | Medicine, Department of | | | | | |
| Co-I | Papadimos, Thomas J. | Anesthesiology, Department of | | | 5 | | |
| Co-I | Pappada, Scott Michael | Anesthesiology, Department of | | | 20 | | |
| Co-I | Riese, Amy | Resid Prgm-Psychiatry | | | | | |
| Co-I | Singh, Shipra | School of Population Health | | | 25 | | |
| Co-I | Williams, Kristi | Psychiatry, Department of | | | | | |

Resid Prgm-Radiology

| 127178-01 | Use of a Cellular Bone Matrix in S Analysis | pinal Fusion: A Retrospective | No | \$113,846 | \$34,154 | \$148,000 |
|------------------|--|------------------------------------|----|-----------|----------|-----------|
| 16/18 to 5/15/19 | LifeNet Health | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | |
| PI/PD | Elgafy, Hossein | Orthopedics | | | 100 | |
| Co-I | Semaan, Hassan | Resid Prgm-Radiology | | | | |
| Stdnt Schol | Mierzwa, Adam Thomas | Orthopaedic Surgery, Department of | | | | |
| Stdnt Schol | Rowland, Andrea N. | Orthopaedic Surgery, Department of | | | | |

Sum of Department (**Resid Prgm-Radiology**) Award Count:

Dept Award

Resid Prgm-Urology

| C-126247-02 7/1/18 to 3/21/19 | A 12-Week, Randomized, Multi- Placebo-Controlled, 3-Arm, Par Efficacy and Safety of 2 Doses Pathway in Subjects with Inters Aquinox Pharmaceuticals Inc. | allel-Group Phase 3 Trial to E of AQX-1125 Targeting the SH | valuate the | 165 \$50 | \$215 | \$215 |
|--------------------------------|--|--|--|-------------------|-------|-------|
| Role | Name | <u>Department</u> | | % Credit | | |
| PI/PD | Sindhwani, Puneet | Resid Prgm-Urology | | 100 | | |
| | | | Sum of Department (Resid Prgm-Urology) | Award Count: 1.00 | | \$215 |

Surgery, Department of

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| in-going projects with | new lunds, i.e. not reported in a previo | us listal year. | Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|---------------------------------|---|--|-------|-------------|---|-------------|---------------|
| Surgery, Department | of | | | | | | |
| C-124711-04 7/1/18 to 6/30/19 | Randomized, Multicenter, Controll Endovascular versus Best Surgica Limb Ischemia National Heart, Lung & Blood Institu | • | No | \$12,327 | \$3,698 | \$16,025 | \$16,02 |
| Role PI/PD Co-I Co-I | Name Nazzal, Munier M.S. Cooper, Christopher Maldonado, Henrry | <u>Department</u> Surgery, Department of Medicine, Department of Surgery, Department of | | | <u>% Credit</u> 100 | | |
| C-125287-04 8/20/15 to 6/30/19 | 7-04 A Prospective, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Safety and Efficacy of Preoperative Antithrombin Supplementation In Patients Undergoing High-Risk Cardiac Surgery with Cardiopulmonary Bypass | | No | \$28,117 | \$8,435 | \$36,552 | \$31,069 |
| Role PI/PD Co-I Co-I Co-I Co-I | Name Schwann, Thomas A. Bonnell, Mark Davis, Jennifer Elizabeth Mueller, Connie Sattler, Christina Gail | Department Surgery, Department of Surgery, Department of Surgery, Department of Surgery, Department of Medicine, Department of | | | <u>% Credit</u> 60 15 5 5 15 | | |

Dept Award

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| | | | <u>Casii:</u> | Direct Cost | indirect Cost | <u>Total Awaru</u> |
|-------------------|---------------------------------------|---|--------------------|-------------|---------------|--------------------|
| rgery, Department | | | | | | |
| C-125299-03 | Study of Early Brain Alterations that | t Predict Development of Chronic | No | \$364,491 | \$142,231 | \$506,722 |
| | PTSD | | | | | |
| 7/1/18 to 6/30/19 | National Institute on Mental Health | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | |
| PI/PD | Wang, Xin | Psychiatry, Department of | | | 89 | |
| Co-I | Brickman, Kristopher R. | Surgery, Department of | | | | |
| Co-I | Elhai, Jon D. | Psychology, Department of | | | | |
| Co-I | Rapport, Daniel J. | Psychiatry, Department of | | | | |
| Co-I | Tull, Matthew T. | Psychiatry, Department of | | | | |
| Co-I | Xie, Hong | Neurosciences, Department of | | | 10 | |
| Co-I | Xu, Kevin Shuai | Electrical Engineering and Computer Scien | nce, Department of | | 1 | |
| Stdnt Schol | Christ, Nicole Marie | Psychiatry, Department of | | | | |
| Stdnt Schol | Cotton, Andrew Stephen | Psychiatry, Department of | | | | |
| Stdnt Schol | Dempsey, Abigail Elizabeth | Psychiatry, Department of | | | | |
| Stdnt Schol | Duff, Joseph Robert | Psychiatry, Department of | | | | |
| Stdnt Schol | Forbes, Courtney N. | Psychiatry, Department of | | | | |
| Stdnt Schol | Grau, Aaron Scott | Psychiatry, Department of | | | | |
| Stdnt Schol | Harless, Nicole Ann | Psychiatry, Department of | | | | |
| Stdnt Schol | Ickes, Jessica R. | Psychiatry, Department of | | | | |
| Stdnt Schol | Lu, Christine | Psychiatry, Department of | | | | |
| Stdnt Schol | Lyu, Xin | Psychiatry, Department of | | | | |
| Stdnt Schol | Mathews, Jeremy | Psychiatry, Department of | | | | |
| Stdnt Schol | McDaniel, Mitchell Andre | Psychiatry, Department of | | | | |
| Stdnt Schol | O'Leary, Brian M. | Psychiatry, Department of | | | | |
| Stdnt Schol | Radabaugh, Jacob John | Psychiatry, Department of | | | | |
| Stdnt Schol | Sood, Ambika | Psychiatry, Department of | | | | |
| Stdnt Schol | Walkosz, Macie | Psychiatry, Department of | | | | |
| -125299-03-101 | Study of Early Brain Alterations tha | t Predict Development of Chronic | No | \$121,497 | \$47,411 | \$168,908 |
| | PTSD | · | | | | |
| /1/18 to 6/30/19 | National Institute on Mental Health | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | |
| PI/PD | Wang, Xin | Psychiatry, Department of | | | 89 | |
| Co-I | Brickman, Kristopher R. | Surgery, Department of | | | | |
| Co-I | Elhai, Jon D. | Psychology, Department of | | | | |
| Co-I | Rapport, Daniel J. | Psychiatry, Department of | | | | |
| Co-I | Tull, Matthew T. | Psychiatry, Department of | | | | |
| Co-I | Xie, Hong | Neurosciences, Department of | | | 10 | |
| Co-I | Xu, Kevin Shuai | Electrical Engineering and Computer Scien | nce, Department of | | 1 | |

Dept Award

Credit

Total Award

Direct Cost

Indirect Cost

Cash?

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| n-going projects with | with new funds, i.e. not reported in a previous fiscal year. | Cash? | <u>Direct Cost</u> | Indirect Cost | Total Award | Credit | |
|--|--|--|--------------------|---------------|------------------------|---------|--------|
| Surgery, Department | of | | | | | | |
| C-125530-04 7/1/18 to 6/30/19 | Rivaroxaban to Reduce Risk of | al Investigating Efficacy & Safety of Major Thrombotic Vascular Events in eral Artery Disease Undergoing Lower | No | \$5,085 | \$1,526 | \$6,611 | \$6,61 |
| Role PI/PD Co-I | <u>Name</u> Nazzal, Munier M.S. Mathew, Jeff | <u>Department</u> Surgery, Department of Surgery, Department of | | | <u>% Credit</u> 100 | | |
| C-126348-02 | IRB # 202128, A randomized, mudosing emulsion in combination | ulticenter, phase 2 study of DSP-7888 n with bevacizumab versus bevacizumab or progressive glioblastoma following | No | \$5,962 | \$1,789 | \$7,751 | |
| 7/1/18 to 6/30/19 | Boston Biomedical | | | | | | , |
| Role PI/PD Co-I | <u>Name</u> Schroeder, Jason Lee Nemunaitis, John J. | <u>Department</u> Surgery, Department of Medicine, Department of | | | <u>% Credit</u> 100 | | |
| C-126971-02 | A Randomized Phase 2 Trial of A Pembrolizumab vs. Pembrolizum | • • | No | \$385 | \$115 | \$500 | |
| Role PI/PD Co-I Co-I Co-I Co-I Co-I Co-I Co-I Co-I | Name Nemunaitis, John J. Albrethsen, Mary Ashraf, Mushtaq Chaudhuri, Prabir Hamouda, Danae M. Skeel, Roland Verghese, Cherian Nemunaitis, Nadine | Department Medicine, Department of Medicine, Department of Medicine, Department of Surgery, Department of Medicine, Department of | | | <u>% Credit</u> 100 | | |

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| -going projects with | new lands, i.e. not reported in a pre | viode libeal year. | <u>Cash?</u> | <u>Direct Cost</u> | Indirect Cost | Total Award | <u>Credit</u> |
|----------------------|---------------------------------------|--|---------------|--------------------|---------------|-------------|---------------|
| urgery, Department | of | | | | | | |
| C-127002-02 | Vs. Nivolumab Alone s Second | AM0010 in Combination with Nivolumab Line Therapy in Patients With Stage nall Cell Lung Cancer and Low Tumor | No | \$89,122 | \$26,737 | \$115,859 | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Nemunaitis, John J. | Medicine, Department of | | | 100 | | |
| Co-I | Albrethsen, Mary | Medicine, Department of | | | | | |
| Co-I | Ashraf, Mushtaq | Medicine, Department of | | | | | |
| Co-I | Chaudhuri, Prabir | Surgery, Department of | | | | | |
| Co-I | Hamouda, Danae M. | Medicine, Department of | | | | | |
| Co-I | Skeel, Roland | Medicine, Department of | | | | | |
| Co-I | Verghese, Cherian | Medicine, Department of | | | | | |
| Dir Ctr/Inst | Nemunaitis, Nadine | Medicine, Department of | | | | | |
| -125739-01 | Parent Site: Case Comprehens | ive Cancer Center | Yes | \$18,920 | \$0 | \$18,920 | |
| /1/16 to 12/31/26 | National Cancer Institute through | Case Western Reserve University/Case Medical | Center | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Chen, Changhu | Radiation Oncology, Department of | | | 100 | | |
| Co-I | Chaudhuri, Prabir | Surgery, Department of | | | | | |
| Co-I | Jain, Samay | Medicine, Department of | | | | | |
| Co-I | Klepacz, Daniel S. | Medicine, Department of | | | | | |
| Co-I | Klepacz, Heather | | | | | | |
| Co-I | Mohamed, Iman E. | Medicine, Department of | | | | | |
| Co-I | Reddy, Krishna | Dana Conference Center | | | | | |
| Co-I | Shahrour, Khaled | Medicine, Department of | | | | | |
| Co-I | Skeel, Roland | Medicine, Department of | | | | | |
| Co-I | Verghese, Cherian | Medicine, Department of | | | | | |
| I-125817-02-W12 | • | t Fuel FundFree Radical Sending | No | \$0 | \$0 | \$0 | |
| | Device | | | | | | |
| /1/18 to 4/30/19 | Economic Development Administ | tration through University of Toledo, Main Campus | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Kim, Dong Shik | Chemical and Environmental Engineering, | Department of | | 50 | | |
| Co-I | Chakravarti, Ritu | Surgery, Department of | | | 50 | | |
| l-126561-01 | Carotid Revascularization and I | Medical Management for Asymptomatic | No | \$0 | \$0 | \$0 | |
| | Carotid Stenosis Trial (CREST- | | | | | | |
| 1/1/17 to 10/31/18 | National Institute of Neurological | Disorders and Stroke through Mayo Clinic | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Nazzal, Munier M.S. | Surgery, Department of | | | 100 | | |

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| | | | <u>Casii:</u> | Direct Cost | munect Cost | <u>IUlai Awaiu</u> | Orcuit |
|-----------------------------------|---|--|---------------|-------------|-------------|--------------------|--------|
| Surgery, Department | of | | | | | | |
| N-126570-01 7/10/18 to 4/30/19 | Genetic, Epigenetic and Dietary Hypertension National Heart, Lung & Blood Inst. | | No | \$421,911 | \$225,722 | \$647,633 | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Joe, Bina | Phys Pharm Met/Cardio Science, Department of | | | 100 | | |
| Co-I | Chakravarti, Ritu | Surgery, Department of | | | | | |
| Co-I | Kumar, Matam Vijay | Phys Pharm Met/Cardio Science, Department of | | | | | |
| N-126966-01 | PISCES OMS I-103: A MULTICEN | TER PHASE 2, ADAPTIVE, | No | \$12,019 | \$3,606 | \$15,625 | |
| | OPEN-LABEL TRIAL OF INTRAT | UMORAL PIL-12 PLUS | | | | | |
| | ELECTROPORATION IN COMBIN | IATION WITH PEMBROLIZUMAB IN | | | | | |
| | PATIENTS WITH STAGE III/IV ME | LANOMA WHO ARE PROGRESSING ON | | | | | |
| | EITHER PEMBROLIZUMAB OR N | IIVOLUMAB TREATMENT | | | | | |
| 3/28/18 to 3/27/19 | OncoSec Medical Incorporated | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Nemunaitis, John J. | Medicine, Department of | | | 100 | | |
| Co-I | Albrethsen, Mary | Medicine, Department of | | | | | |
| Co-I | Ashraf, Mushtaq | Medicine, Department of | | | | | |
| Co-I | Chaudhuri, Prabir | Surgery, Department of | | | | | |
| Co-I | Hamouda, Danae M. | Medicine, Department of | | | | | |
| Co-I | Skeel, Roland | Medicine, Department of | | | | | |
| Co-I | Verghese, Cherian | Medicine, Department of | | | | | |
| Dir Ctr/Inst | Nemunaitis, Nadine | Medicine, Department of | | | | | |
| N-127023-01 | | ERSUS CHEMOTHERAPY CHOSEN BY | No | \$4,231 | \$1,269 | \$5,500 | \$2,7 |
| | CANCER STEM CELL CHEMOSE | | | | | | |
| | | ITH RECURRENT GLIOBLASTOMA | | | | | |
| | MULTIFORME (GBM). IRB#2020 | 696 | | | | | |
| 4/9/18 to 4/8/19 | Cordgenics, LLC | | | | | 1 | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Schroeder, Jason Lee | Surgery, Department of | | | 50 | | |
| Co-I | Albrethsen, Mary | Medicine, Department of | | | | | |
| Co-I | Ashraf, Mushtaq | Medicine, Department of | | | | | |
| Co-I | Nemunaitis, John J. | Medicine, Department of | | | 50 | | |
| Co-I | Skeel, Roland | Medicine, Department of | | | | | |
| Co-I | Verghese, Cherian | Medicine, Department of | | | | | |

Direct Cost

Indirect Cost

Cash?

Dept Award

Credit

Total Award

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| n-going projects with | joing projects with new funds, i.e. not reported in a previous fiscal year. | <u>Cash?</u> | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> | |
|--------------------------------|---|--|-------------|---------------|-------------|---------------|------|
| Surgery, Department | of | | | | | | |
| N-127186-01 7/2/18 to 6/30/19 | Retrospective and Prospective Int Treatment and Clinical Outcomes Embolism-KNOCOUT PE EKOS Corporation | ernational EkoSonic Registry of the of Patients with Pulmonary | No | \$10,587 | \$3,388 | \$13,975 | \$27 |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Gupta, Rajesh | Medicine, Department of | | | 82 | | |
| Co-I | Burket, Mark | Medicine, Department of | | | 1 | | |
| Co-I | Eltahawy, Ehab A. | Resid Prgm-Medicine | | | 5 | | |
| Co-I | Moukarbel, George Victor | Medicine, Department of | | | 5 | | |
| Co-I | Nazzal, Munier M.S. | Surgery, Department of | | | 1 | | |
| Co-I | Osman, Mohamed F. | Surgery, Department of | | | 1 | | |
| Co-I | Sheikh, Mujeeb Abdul | Medicine, Department of | | | 5 | | |
| N-127202-01 | A Phase 1/2 Safety, Pharmacokine | tic & Pharmacodynamic Study of | No | \$154,002 | \$49,281 | \$203,282 | |
| | APS001F W/ Flucytosine & Maltos | e for the Treatment of Advanced | | | | | |
| | and/or Metastic Solid Tumors | | | | | | |
| 10/9/18 to 6/30/19 | Anaeropharma Science | | | | | | |
| Role | <u>Name</u> | Department | | | % Credit | | |
| PI/PD | Nemunaitis, John J. | Medicine, Department of | | | 100 | | |
| Co-I | Albrethsen, Mary | Medicine, Department of | | | | | |
| Co-I | Ashraf, Mushtaq | Medicine, Department of | | | | | |
| Co-I | Chaudhuri, Prabir | Surgery, Department of | | | | | |
| Co-I | Elsamaloty, Haitham M. | Radiology, Department of | | | | | |
| Co-I | Hamouda, Danae M. | Medicine, Department of | | | | | |
| Co-I | Skeel, Roland | Medicine, Department of | | | | | |
| Co-I | Verghese, Cherian | Medicine, Department of | | | | | |
| Dir Ctr/Inst | Nemunaitis, Nadine | Medicine, Department of | | | | | |
| N-127205-01 | A Phase 2, Non-Randomized, Ope | n Label, Single Arm, Multi-Center | No | \$9,280 | \$2,970 | \$12,250 | |
| | Study of Talazoparib for Neoadjuv | ant Treatment of Germline BRCA1/2 | | | | | |
| | Mutation Patients with Early Triple | -Negative Breast Cancer | | | | | |
| 10/9/18 to 6/30/19 | Pfizer, Inc. | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Nemunaitis, John J. | Medicine, Department of | | | 100 | | |
| Co-I | Chaudhuri, Prabir | Surgery, Department of | | | | | |
| Co-I | Hamouda, Danae M. | Medicine, Department of | | | | | |
| Co-I | Klepacz, Heather | Surgery, Department of | | | | | |
| Co-I | Skeel, Roland | Medicine, Department of | | | | | |
| Co-I | Verghese, Cherian | Medicine, Department of | | | | | |
| Dir Ctr/Inst | Nemunaitis, Nadine | Medicine, Department of | | | | | |

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| n-going projects with new funds, i.e. not reported in a previous fiscal year. <u>Cash?</u> <u>Direct Cost</u> <u>Indirect Cost</u> <u>Tot</u> | | Total Award | <u>Credit</u> | | | | |
|--|------------------------------------|---------------------------------------|---------------|----------|----------|----------|---|
| urgery, Department o | of | | | | | | |
| I-127215-01 0/11/18 to 10/10/19 | Mutant Human Papilloma Virus (H | Mutant HPV E6 and E7 (Ad-E6E7) and | Yes | \$55,391 | \$16,617 | \$72,008 | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Nemunaitis, John J. | Medicine, Department of | | | 100 | | |
| Co-I | Albrethsen, Mary | Medicine, Department of | | | | | |
| Co-I | Ashraf, Mushtaq | Medicine, Department of | | | | | |
| Co-I | Chaudhuri, Prabir | Surgery, Department of | | | | | |
| Co-I | Elsamaloty, Haitham M. | Radiology, Department of | | | | | |
| Co-I | Hamouda, Danae M. | Medicine, Department of | | | | | |
| Co-I | Skeel, Roland | Medicine, Department of | | | | | |
| Co-I | Verghese, Cherian | Medicine, Department of | | | | | |
| Dir Ctr/Inst | Nemunaitis, Nadine | Medicine, Department of | | | | | |
| I-127268-01 | An Open-label, Phase 1B Study o | f NEO-PV-01 + CD40 Agonist Antibody | Yes | \$10,865 | \$3,260 | \$14,125 | |
| | | volumab in Patients with Advanced or | | | | | |
| | Metastatic Melanoma | | | | | | |
| 2/5/18 to 12/4/19 | Neon Therapeutics | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Nemunaitis, John J. | Medicine, Department of | | | 100 | | |
| Co-I | Chaudhuri, Prabir | Surgery, Department of | | | | | |
| Co-I | Hamouda, Danae M. | Medicine, Department of | | | | | |
| Co-I | Skeel, Roland | Medicine, Department of | | | | | |
| Co-I | Verghese, Cherian | Medicine, Department of | | | | | |
| Dir Ctr/Inst | Nemunaitis, Nadine | Medicine, Department of | | | | | |
| -127352-01-W1 | A multicenter study w an open-la | bel Phase Ib part followed by a rand. | Yes | \$9,554 | \$2,866 | \$12,420 | |
| | placebo controlled, double blind, | Phase II part to evaluate efficacy, | | | | | |
| | safety, tolerability, pharmacokine | tics of the DNA PK inhibitor M3814 in | | | | | |
| | comb w capecitabine and radioth | erapy in participants w locally | | | | | |
| | advanced rectal cancer | | | | | | |
| /25/19 to 1/24/20 | EMD Sorono | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Nemunaitis, John J. | Medicine, Department of | | | 100 | | |
| Co-I | Albrethsen, Mary | Medicine, Department of | | | | | |
| Co-I | Ashraf, Mushtaq | Medicine, Department of | | | | | |
| Co-I | Chaudhuri, Prabir | Surgery, Department of | | | | | |
| Co-I | Hamouda, Danae M. | Medicine, Department of | | | | | |
| Co-I | | | | | | | ı |
| Co-I | Skeel, Roland | Medicine, Department of | | | | | l |

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| ir going projects man | new lands, i.e. not reported in a prev | iodo iiodai yodi. | <u>Cash?</u> | <u>Direct Cost</u> | Indirect Cost | Total Award | <u>Credit</u> |
|-----------------------|--|--|---------------------------|--------------------|-----------------------|-------------|---------------|
| urgery, Department o | of | | | | | | |
| N-127357-01 | Turnstone: PELICAN (Melanoma | Phase 1 with MAGEA3) study CTA | No | \$22,610 | \$7,235 | \$29,845 | |
| 12/6/18 to 8/12/19 | Turnstone Biologics | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Nemunaitis, John J. | Medicine, Department of | | | 100 | | |
| Co-I | Albrethsen, Mary | Medicine, Department of | | | | | |
| Co-I | Ashraf, Mushtaq | Medicine, Department of | | | | | |
| Co-I | Chaudhuri, Prabir | Surgery, Department of | | | | | |
| Co-I | Hamouda, Danae M. | Medicine, Department of | | | | | |
| Co-I | Skeel, Roland | Medicine, Department of | | | | | |
| Co-I | Verghese, Cherian | Medicine, Department of | | | | | |
| Dir Ctr/Inst | Nemunaitis, Nadine | Medicine, Department of | | | | | |
| S-125682-01-S2 | Anatomical-Functional Mapping | of Enteric Neural Circuits | No | \$545,632 | \$96,848 | \$642,480 | |
| 2/1/18 to 1/31/19 | National Institutes of Health | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Howard, Marthe | Neurosciences, Department of | | | 100 | | |
| Co-I | Blomquist, Thomas M. | Pathology, Department of | | | | | |
| Co-I | Kalinoski, Andrea L. | Surgery, Department of | | | | | |
| Co-I | Margiotta, Joseph | Neurosciences, Department of | | | | | |
| Co-I | Willey, James | Medicine, Department of | | | | | |
| S-125682-01-S3 | Anatomical-Functional Mapping | of Enteric Neural Circuits | No | \$339,325 | \$174,751 | \$514,076 | |
| 2/1/19 to 1/31/20 | National Institutes of Health | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Howard, Marthe | Neurosciences, Department of | | | 100 | | |
| Co-I | Kalinoski, Andrea L. | Surgery, Department of | | | | | |
| Co-I | Margiotta, Joseph | Neurosciences, Department of | | | | | |
| | | Sum of Departmer | t (Surgery, Depar | tment of) Awa | rd Count: 4.87 | | \$56,7 |
| ology, Department o | of | | | | | | |
| C-122448-07 | Optimization and Simulation of F | Kidney Paired Donation Programs | No | \$24,364 | \$12,548 | \$36,912 | \$36,9 |
| 5/1/19 to 4/30/20 | National Institute of Diabetes, Dige | estive & Kidney Diseases through University of | Michigan | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Rees, Michael A. | Urology, Department of | | | 100 | | |

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| This report does not show all projects that were active in FY19. This report shows only new and | |
|--|--|
| on-going projects with new funds, i.e. not reported in a previous fiscal year. | |

| • | how all projects that were active in FY new funds, i.e. not reported in a previous | • | <u>Cash?</u> | Direct Cost | Indirect Cost | Total Award | Dept Award Credit |
|--------------------------------------|---|--|---|-------------|--|-------------|---------------------------|
| Jrology, Department | of | | | | | | |
| C-123876-06 7/1/18 to 6/30/19 | Trial to Evaluate the Efficacy and Elimination or Reduction []Ever | Open-Label, Randomized, Controlled Safety of Calcineurin-Inhibitor Dimus®IMyfortic® versus Reduced Adult Renal Transplant Recipients [] | No | \$112,731 | \$36,074 | \$148,804 | \$89,28 |
| Role PI/PD Co-PI Co-I | <u>Name</u> Rees, Michael A. Kaw, Dinkar Ekwenna, Obi | <u>Department</u> Urology, Department of Medicine, Department of Urology, Department of | | | <u>% Credit</u> 60 30 | | |
| Co-I Co-I | Malhotra, Deepak K. Ratnam, Shobha | Medicine, Department of Medicine, Department of | | | 10 | | |
| C-126449-02 9/1/18 to 8/31/20 | Alteration of the miR-let-7c: Lin28 resistance in Prostate Cancer National Cancer Institute | ratio as a predictor of therapy | No | \$50,000 | \$26,750 | \$76,750 | \$76,75 |
| Role PI/PD | <u>Name</u> Nadiminty, Nagalakshmi | <u>Department</u> Urology, Department of | | | <u>% Credit</u> 100 | | |
| N-125772-01-A1 6/22/18 to 5/31/19 | A New Empirical Model of Deceas National Institutes of Health through | ed Donor Kidney Allocation n National Bureau of Economic Research | No | \$15,885 | \$8,498 | \$24,383 | \$24,38 |
| Role PI/PD | <u>Name</u> Rees, Michael A. | <u>Department</u> Urology, Department of | | | <u>% Credit</u> 100 | | |
| | | Sum of Departmen Sum of College (Medicine and | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | rd Count: 3.60 rd Count: 174.15 | | \$227,328 \$17,605,348 |

Natural Sciences & Mathematics, College of

This report does not show all projects that were active in FY19. This report shows only new and

| • | | new funds, i.e. not reported in a p | revious fiscal year. | <u>Cash?</u> | Direct Cost | Indirect Cost | Total Award | Dept Award Credit |
|---------------|-----------|-------------------------------------|--|--------------|-------------|------------------------|-------------|----------------------|
| Biological Sc | iences, [| Department of | | | | | | |
| C-125765-03 | | - | lved in induction of abiotic and biotic re Crops Through Nutrition or Temperature | No | \$176,180 | \$17,618 | \$193,798 | \$193,798 |
| Role PI/P | | <u>Name</u> Leisner, Scott M. | <u>Department</u> Biological Sciences, Department of | | | <u>% Credit</u> 100 | | |

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| n-going projects with r | fertility National Institute of Child Health & Human Development Role PI/PD Avidor-Reiss, Tomer Biological Sciences, Department of 2-02-S1 Immune Evasion in Aquatic Rhabdoviral Pathogens 6/30/19 U.S. Department of Agriculture Role Name Department Fi/PD Krishnamurthy, Malathi Biological Sciences, Department of Co-I Leaman, Douglas W. Biological Sciences, Department of 3-02 CO2 Inhalation enhances the lability of fear memory Mational Institutes of Health Role PI/PD Du, Jianyang Biological Sciences, Department of Co-I Sari, Youssef Pharmacology, Department of Co-I Wang, Xin Psychiatry, Department of 3-02 RESEARCH - PGR: Elucidating Maize Gene Regulatory Networks to Accelerate Translational Genomics National Science Foundation through Michigan State University Role Name Department PI/PD Role Name Department Department Department State University Role Name Department Department Biological Sciences, Department of Department Department State University Role Name Department Department Department Sciences, Department of | Cash? | Direct Cost | Indirect Cost | Total Award | Credit | |
|----------------------------------|--|--|-------------|---------------|------------------------|-----------------------|------------|
| iological Sciences, D | Department of | | | | | | |
| C-125854-02 9/1/18 to 8/31/20 | fertility | | No | \$125,520 | \$62,132 | \$187,652 | \$187,652 |
| | | | | | 0/ Cnadit | 1 | |
| I — | | | | | <u>% Credit</u> 100 | | |
| | · · · · · · · · · · · · · · · · · · · | | NI. | ***** | | **** | *** |
| C-125932-02-S1 | | iovirai Patnogens | No | \$290,698 | \$0 | \$290,698 | \$290,698 |
| 9/6/18 to 6/30/19 | U.S. Department of Agriculture | | | | | | |
| I —— | | | | | % Credit | | |
| | • | | | | 50 | | |
| Co-I | - | | | | 50 | | |
| C-126073-02 | CO2 Inhalation enhances the labili | ty of fear memory | No | \$250,000 | \$89,100 | \$339,100 | \$305,19 |
| 1/1/19 to 12/31/19 | National Institutes of Health | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | <u></u> - | Biological Sciences. Department of | | | 90 | | |
| Co-I | , , , | • | | | 5 | | |
| Co-I | • | | | | 5 | | |
| C-126943-02 | RESEARCH - PGR: Elucidating Ma | ize Gene Regulatory Networks to | No | \$107,496 | \$50,181 | \$157,677 | \$157,67 |
| | _ | • | | ***** | ***, | ¥ 101,011 | * 101,01 |
| 2/1/19 to 1/31/20 | National Science Foundation through | rh Michigan State University | | | | | |
| Role | | | | | % Credit | | |
| | | | | | 100 | | |
| N-126083-01-A1 | <u> </u> | | No | \$291,495 | \$143,244 | \$434,739 | \$217,370 |
| | National Institute of Dental and Crar | | NO | Ψ291,493 | Ψ143,244 | φ 4 54,733 | Ψ217,571 |
| 1/1/19 to 12/31/19 | | | | | 0/ 0 111 | | |
| Role | Name | <u>Department</u> | | | % Credit | | |
| PI/PD | Conti, Heather Raquel | Biological Sciences, Department of | | | 50 | | |
| Co-I | Worth, Randall G. | Med Microbiology & Immunology, Department of | | | 50 | | |
| N-126373-01 | Molecular basis of apical protrusion | on organization and function in | No | \$299,571 | \$149,286 | \$448,857 | \$448,85 |
| | specialized epithelia | | | | | | |
| 7/1/18 to 6/30/21 | National Institutes of Health | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Crawley, William Scott | Biological Sciences, Department of | | | 100 | | |
| Stdnt Schol | El Sheikh Idris, Rawnag A. | Biological Sciences, Department of | | | | | |
| Stdnt Schol | Storad, Zachary Anthony | Biological Sciences, Department of | | | | | |
| N-126916-01 | Identification of novel regulators of | f invadopodia formation | No | \$50,000 | \$24,750 | \$74,750 | \$74,75 |
| 1/17/19 to 12/31/19 | National Institutes of Health | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Garcia-Mata, Rafael | Biological Sciences, Department of | | | 100 | | |

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| on-going projects with | new funds, i.e. not reported in a previ | ous fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|------------------------|---|---|-------------|----------------|----------------|-------------|---------------|
| Biological Sciences, I | Department of | | | | | | |
| N-126926-01 | MicroRNA regulation of guidance | receptors in axonal pathfinding | No | \$300,000 | \$148,500 | \$448,500 | \$448,500 |
| 1/18/19 to 12/31/22 | National Institutes of Health | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Liu, Guofa | Biological Sciences, Department of | | | 100 | | |
| N-126945-01 | Centrosome-localized tyrosine ki | nase JAK2 regulates cell proliferation | No | \$300,000 | \$149,667 | \$449,667 | \$449,667 |
| 9/18/18 to 8/31/21 | National Institutes of Health | | | | | | _ |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Diakonova, Maria | Biological Sciences, Department of | | | 100 | | |
| S-122918-04-S2 | TRIP13 AAA-ATPase Overexpress Breast Cancer | sion in Chromosomal Instability and | No | \$6,470 | \$3,073 | \$9,543 | \$9,543 |
| 5/1/17 to 4/30/18 | National Cancer Institute | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Liu, Song-Tao | Biological Sciences, Department of | | | 100 | | |
| S-126926-01-S1 | MicroRNA regulation of guidance | receptors in axonal pathfinding | No | \$20,000 | \$0 | \$20,000 | \$20,000 |
| 3/28/19 to 6/30/20 | National Institutes of Health | | | | | | |
| Role | Name_ | Department | | | % Credit | | |
| PI/PD | Liu, Guofa | Biological Sciences, Department of | | | 100 | | |
| | | Sum of Department (Biological Scien | nces, Depar | tment of) Awar | d Count: 11.40 | | \$2,803,701 |
| - | emistry, Department of | | | | **** | | |
| C-125688-03 | Neutron Diffraction Studies of PL | • | No | \$43,650 | \$11,350 | \$55,000 | \$55,000 |
| 9/1/18 to 8/31/19 | U.S. Department of Energy through | | | | | | ٦ |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Mueser, Timothy | Chemistry and Biochemistry, Department of | | | 100 | | J |
| C-125732-03 | Counter Regulatory Mechanisms Cardio-Renal Syndrome | of Cardiotonic Steroids in | No | \$250,000 | \$128,750 | \$378,750 | \$37,875 |
| 4/1/19 to 3/31/20 | National Heart, Lung & Blood Instit | ute | | | | | _ |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Kennedy, David Joseph | Medicine, Department of | | | 90 | | |
| Co-I | Haller, Steven T. | Medicine, Department of | | | | | |
| Co-I | Isailovic, Dragan | Chemistry and Biochemistry, Department of | | | 5 | | |
| Co-I | Tian, Jiang | Medicine, Department of | | | E | | |
| Co-I | Zhu, Jianglong | Chemistry and Biochemistry, Department of | | | 5 | | J |

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| n-going projects with | new tunds, i.e. not reported in a previous | s liscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
|--|--|--|-------|-------------|-----------------------------------|-------------|----------|
| hemistry and Bioch | emistry, Department of | | | | | | |
| C-125971-02 7/1/18 to 6/30/19 | Rapid and Economic Synthesis of N Carbon Dioxide-Directed C-H Bond Herman Frasch Fd | | No | \$50,000 | \$0 | \$50,000 | \$50,00 |
| Role PI/PD | <u>Name</u> Young, Michael Christopher | <u>Department</u> Chemistry and Biochemistry, Department of | | | <u>% Credit</u> 100 | | |
| C-126018-03 6/1/19 to 5/31/20 | Development of novel approaches f glycosidic linkages National Institute of General Medical Barbara | or steroelective construction of Sciences through University of California - Santa | No | \$208,436 | \$99,007 | \$307,443 | \$307,44 |
| Role PI/PD | <u>Name</u> Zhu, Jianglong | <u>Department</u> Chemistry and Biochemistry, Department of | | | <u>% Credit</u> 100 | | |
| C-126065-02 7/1/18 to 7/31/19 | Novel methods and Technologies for Relevant Carbohydrates National Institutes of Health through N | | No | \$169,702 | \$80,608 | \$250,310 | \$250,31 |
| Role PI/PD | <u>Name</u> Andreana, Peter R. | <u>Department</u> Chemistry and Biochemistry, Department of | | | <u>% Credit</u> 100 | | |
| C-126137-02 6/1/19 to 5/31/20 | Synthesis of natural product scaffor Mycobacterium tuberculosis National Institutes of Health | d selectively active against dormant | No | \$149,500 | \$37,125 | \$186,625 | \$186,62 |
| Role PI/PD | <u>Name</u> Sucheck, Steven Joseph | <u>Department</u> Chemistry and Biochemistry, Department of | | | <u>% Credit</u> 100 | | |
| N-126374-01-A1 9/15/18 to 8/31/21 | Diverse membrane affinities of Gy n GBy effectors and cell behaviors National Institute of General Medical | • | No | \$300,000 | \$141,323 | \$441,323 | \$441,32 |
| Role PI/PD Co-I | <u>Name</u> Karunarathne, Welivitiya K. Ronning, Donald | <u>Department</u> Chemistry and Biochemistry, Department of Chemistry and Biochemistry, Department of | | | <u>% Credit</u> 95 5 | | |
| N-126856-01 9/20/18 to 8/31/21 | Identification of the Elusive NAADP National Institutes of Health | Receptor | No | \$326,066 | \$135,832 | \$461,898 | \$60,04 |
| Role PI/PD Co-I Co-I | <u>Name</u> Slama, James T. Isailovic, Dragan Wall, Katherine Ann | Department Medicinal and Biological Chemistry, Department of Chemistry and Biochemistry, Department of Medicinal and Biological Chemistry, Department of | | | <u>% Credit</u> 50 13 37 | | |

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| ri-going projects with | new lunds, i.e. not reported in a previou | s listal year. | Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|-------------------------------------|--|---|-------|-------------|-----------------------------|-------------|---------------|
| Chemistry and Bioch | emistry, Department of | | | | | | |
| N-127147-01 7/1/18 to 9/30/18 | Development and validation of an S determination of fluasterone in rabl University of Texas at El Paso | | No | \$6,154 | \$1,846 | \$8,000 | \$4,00 |
| Role PI/PD Co-I | <u>Name</u> Boddu, Sai Hanuman Sagar Gionfriddo, Emanuela | <u>Department</u> Pharmacy Practice, Department of Chemistry and Biochemistry, Department of | | | <u>% Credit</u> 50 50 | | |
| N-127195-01 7/23/18 to 7/31/23 | Role of Reduced Nitric Oxide in For Lesions University of Toledo Foundation | mation of Early-Stage Breast | No | \$50,989 | \$0 | \$50,989 | |
| Role PI/PD Co-PI Co-PI Co-PI Co-PI | Name Furuta, Saori Al Agha, Abdelraof Ibrahim Isailovic, Dragan Khuder, Sadik Sun, Hongliu | Department Cancer Biology, Department of Physician Assistant Studies Chemistry and Biochemistry, Department of School of Population Health Pathology, Department of | | | <u>% Credit</u> 100 | | |
| N-127245-01 | NSF I-Corps: Silver materials for a | | No | \$45,000 | \$5,000 | \$50,000 | \$50,00 |
| 9/15/18 to 8/31/19 Role PI/PD | National Science Foundation Name Bigioni, Terry P. | <u>Department</u> Chemistry and Biochemistry, Department of | | | % Credit 100 | | |
| N-127248-01 6/1/19 to 6/1/20 | Restek Academic Support Program Restek Corporation | | No | \$6,000 | \$0 | \$6,000 | \$6,00 |
| Role PI/PD | <u>Name</u> Gionfriddo, Emanuela | <u>Department</u> Chemistry and Biochemistry, Department of | | | <u>% Credit</u> 100 | | |
| N-127588-01 5/1/19 to 4/30/20 | Testing Chemical Resistance for Up Biofit Engineered Products | pholstery Materials | No | \$2,036 | \$662 | \$2,698 | \$2,69 |
| Role PI/PD | <u>Name</u> Li, Wei | <u>Department</u> Chemistry and Biochemistry, Department of | | | <u>% Credit</u> 100 | | |
| N-127653-01 5/13/19 to 8/21/20 | Formulation and Characterization o RJ Marshall Company | f Polymer Composites | No | \$27,540 | \$8,951 | \$36,491 | \$36,49 |
| Role PI/PD | Name Lind-Kovacs, Cora | <u>Department</u> Chemistry and Biochemistry, Department of | | | <u>% Credit</u> 100 | | |
| N-127690-01 4/1/19 to 2/28/20 | Temperature dependent lattice cons material Al2Sc1.8Mo3O12 International Centre for Diffraction Da | stants of negative thermal expansion | No | \$2,500 | \$0 | \$2,500 | \$2,50 |
| Role PI/PD | <u>Name</u> Lind-Kovacs, Cora | <u>Department</u> Chemistry and Biochemistry, Department of | | | <u>% Credit</u> 100 | | |

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| n-going projects with r | new funds, i.e. not reported in a previous | s fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|--------------------------------|--|---|------------|---------------------|----------------|-------------|---------------|
| Chemistry and Bioche | emistry, Department of | | | | | | |
| R-122077-10 | Project Seed at UT 2019 | | No | \$8,000 | \$0 | \$8,000 | \$8,000 |
| 6/1/19 to 9/15/19 | American Chemical Society | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | 1 |
| PI/PD | Karunarathne, Welivitiya K. | Chemistry and Biochemistry, Department of | | | 60 | | |
| Co-I | Gionfriddo, Emanuela | Chemistry and Biochemistry, Department of | | | 40 | | |
| Stdnt Schol | Abutaha, Seham K. | | | | | | |
| Stdnt Schol | Archambault, Aiden Matthew | Chemistry and Biochemistry, Department of | | | | | |
| Stdnt Schol | Do, Joseph Tran | Chemistry and Biochemistry, Department of | | | | | |
| Stdnt Schol | Kim, Isaac Dukyun | Chemistry and Biochemistry, Department of | | | | | |
| Stdnt Schol | Wells, Stuart Lee | | | | | | |
| R-123393-05 | Trehalose and Mycolic Acid Use in M | Mycobacteria | No | \$300,000 | \$123,750 | \$423,750 | \$423,750 |
| 7/1/18 to 6/30/19 | National Institutes of Health | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | 1 |
| PI/PD | Ronning, Donald | Chemistry and Biochemistry, Department of | | | 50 | | |
| PI/PD | Sucheck, Steven Joseph | Chemistry and Biochemistry, Department of | | | 50 | | |
| S-125358-01-S3 | GOALI/Collaborative: Engineering B | Biofilm Dynamics for Cyanotoxins in | No | \$12,000 | \$0 | \$12,000 | |
| | Biological Water Treatment - REU | | | | | | |
| 6/25/19 to 8/31/19 | National Science Foundation | | | | | | _ |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Seo, Youngwoo | Civil Engineering, Department of | | | 100 | | |
| Stdnt Schol | Briese, Emily Anne | Civil Engineering, Department of | | | | | |
| Stdnt Schol | Hoffman, Kennedy | Civil Engineering, Department of | | | | | |
| Stdnt Schol | Holt, Mathieu Killian | Chemistry and Biochemistry, Department of | | | | | |
| Stdnt Schol | Johnson, Xavier Cherie | Civil Engineering, Department of | | | | | |
| | | Sum of Department (Chemistry and Bio | chemistry, | Departm Awar | d Count: 13.73 | | \$1,922,062 |
| Environmental Scienc | es, Department of | | | | | | |
| C-109000-16 | Biomonitoring of Nutritional and En | vironmental Stress in Plants | No | \$52,855 | \$5,285 | \$58,140 | \$58,140 |
| 8/1/18 to 7/31/19 | U.S. Department of Agriculture | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Heckathorn, Scott Alan | Environmental Sciences, Department of | | | 100 | | |
| C-125456-02-S1 | Hyperspectral Imager Atmospheric | Correction | No | \$16,949 | \$8,051 | \$25,000 | \$25,000 |
| 7/1/17 to 9/30/18 | NASA John H. Glenn Research Cente | er at Lewis Field | | | | | |
| Role | Name | Department | | | % Credit | |] |
| <u> </u> | | | | | | | |

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| geg p. ejeete | new rands, i.e. not reported in a previo | us listal year. | Cash? | <u>Direct Cost</u> | Indirect Cost | Total Award | <u>Credit</u> |
|--|--|--|-------|--------------------|----------------------------------|-------------|---------------|
| Environmental Scien | ces, Department of | | | | | | |
| C-125801-03 8/1/18 to 7/31/19 | Examination of Factors Influencing Detroit River and Western Lake Er U.S. Geological Survey | g Lake Whitefish Recruitment in the ie | No | \$82,828 | \$14,495 | \$97,323 | \$97,32 |
| Role PI/PD Co-I | <u>Name</u> DeBruyne, Robin Mayer, Christine Marie | <u>Department</u> Environmental Sciences, Department of Environmental Sciences, Department of | | | <u>% Credit</u> 100 | | |
| C-126439-02 9/15/18 to 9/14/19 | Vegetation Surveying in Support of the Sandusky River Basin U.S. Geological Survey | f Grass Carp Spawning Potential in | No | \$91,901 | \$16,083 | \$107,984 | \$107,98 |
| Role PI/PD Co-I | <u>Name</u> Qian, Song S. Mayer, Christine Marie | <u>Department</u> Environmental Sciences, Department of Environmental Sciences, Department of | | | <u>% Credit</u> 50 50 | | |
| C-126995-02 4/16/19 to 4/15/20 | Ichthyoplankton Community Ecolo U.S. Geological Survey | ogy and Distribution in Lake St. Claire | No | \$191,481 | \$33,509 | \$224,990 | \$224,99 |
| Role PI/PD Co-PI | <u>Name</u> DeBruyne, Robin Mayer, Christine Marie | <u>Department</u> Environmental Sciences, Department of Environmental Sciences, Department of | | | <u>% Credit</u> 50 50 | | |
| N-126827-01 7/1/18 to 6/30/20 | Erie | t data to determine detection duced nonindigenous species in Lake gh Ohio Department of Natural Resources | No | \$75,134 | \$7,513 | \$82,647 | \$82,64 |
| Role PI/PD Co-I Co-I | <u>Name</u> Qian, Song S. Bossenbroek, Jonathan Mayer, Christine Marie | Department Environmental Sciences, Department of Environmental Sciences, Department of Environmental Sciences, Department of | | | % Credit 34 33 33 | | |
| N-127152-01 | Biomonitoring of Iron Deficiency a | nd Toxicity in Ornamental Plants | No | \$61,664 | \$6,166 | \$67,830 | \$67,83 |
| 8/1/18 to 7/31/20 Role PI/PD | U.S. Department of Agriculture Name Heckathorn, Scott Alan | Department Environmental Sciences, Department of | | | <u>% Credit</u> 100 | | |
| N-127175-01 2/15/19 to 1/31/22 | Addressing Environmental Challer Solutions at the Lake Erie Land-La National Science Foundation | nges and Proposing Sustainable | No | \$330,225 | \$16,311 | \$346,536 | \$103,96 |
| Role PI/PD PI/PD Co-PI Co-PI | Name Refsnider-Streby, Jeanine Refsnider-Streby, Jeanine Czajkowski, Kevin Paul Czajkowski, Kevin Paul | Department Environmental Sciences, Department of Lake Erie Soil and Water Research and Educa Geography and Planning, Department of Lake Erie Soil and Water Research and Educa | - | | % Credit 30 20 30 20 | | |

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| n-going projects with n | iew funds, i.e. not reported in a prev | ous tiscal year. | Cash? | <u>Direct Cost</u> | Indirect Cost | Total Award | Credit |
|--------------------------------|--|---|-------|--------------------|------------------------|----------------|----------------|
| nvironmental Science | es, Department of | | | | | | |
| N-127220-01 | Gray Vireo Demography | | No | \$14,286 | \$3,714 | \$18,000 | \$18,00 |
| 12/10/18 to 12/31/19 | U.S. Fish and Wildlife Service thro | ugh New Mexico Dept. of Game and Fish | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Streby, Henry M. | Environmental Sciences, Department of | | | 100 | | |
| N-127391-01 | Identification of Optimal Sites for | Maumee AOC Restoration Actions in | No | \$163,563 | \$21,999 | \$185,562 | \$185,56 |
| | the Lower Maumee River | | | | | | |
| 3/18/19 to 3/17/20 | U.S. Geological Survey | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Hintz, William | Environmental Sciences, Department of | | | 40 | | |
| Co-I | Crail, Todd | Environmental Sciences, Department of | | | 32 | | |
| Co-I | Mayer, Christine Marie | Environmental Sciences, Department of | | | 28 | | |
| N-127412-01 | Lake Erie Whitefish: ecology of e | arly life history stages and possible | No | \$45,857 | \$13,757 | \$59,614 | \$59,61 |
| | fisheries implications | | | | | | |
| 5/30/19 to 5/30/21 | Nature Conservancy | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Mayer, Christine Marie | Environmental Sciences, Department of | | | 50 | | |
| Co-I | DeBruyne, Robin | Environmental Sciences, Department of | | | 50 | | |
| N-127526-01 | Total Organic Carbon and Total N | litrogen Testing | No | \$302 | \$98 | \$400 | \$40 |
| 3/1/19 to 2/28/20 | Kennesaw State University | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Weintraub, Michael N. | Environmental Sciences, Department of | | | 100 | | |
| N-127606-01 | Lake Huron Trophic Niche (CSMI | 2017) | No | \$27,282 | \$4,774 | \$32,056 | \$32,05 |
| 3/25/19 to 3/24/20 | U.S. Geological Survey | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Mayer, Christine Marie | Environmental Sciences, Department of | | | 100 | | |
| N-127624-01 | Dissolved organic carbon and ni | trogen analyses of soil extracts | No | \$676 | \$220 | \$896 | \$89 |
| 4/1/19 to 3/31/20 | Ursinus College | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Weintraub, Michael N. | Environmental Sciences, Department of | | | 100 | | |
| R-123361-08 | Lake Erie Bathing Beach Monitor | | No | \$23,588 | \$4,245 | \$27,833 | \$27,83 |
| 5/17/19 to 6/30/21 | | ency through Ohio Department of Health | | 420,000 | ¥ .,= 70 | 42.,030 | 42. ,00 |
| Role | Name | Department | | | % Credit | | |
| PI/PD | <u>Name</u> Dwyer, Daryl | Environmental Sciences, Department of | | | <u>% Credit</u> 100 | | |
| ILI/LD | Skowronek, Luke R. | Environmental Sciences, Department of Environmental Sciences, Department of | | | 100 | | |

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| in-going projects with i | projects with new lunds, i.e. not reported in a previous liscal year. | | | Direct Cost | Indirect Cost | Total Award | Credit |
|--------------------------|--|--|---------------|---------------------|-----------------|-------------|-------------|
| Environmental Scienc | es, Department of | | | | | | |
| R-123614-07 | Research Support Agreement-Ac | quisition of Goods and Services | No | \$10,000 | \$1,000 | \$11,000 | \$11,000 |
| 8/15/18 to 8/14/19 | U.S. Department of Agriculture | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Fisher, Timothy G. | Environmental Sciences, Department of | | | 100 | | |
| Stdnt Schol | Shaw, Clayton Jasper | Environmental Sciences, Department of | | | | | |
| R-126827-01-W1 | - | fishery assessment data to determine | No | \$54,735 | \$5,474 | \$60,209 | \$60,209 |
| | detection probability of rare and | newly introduced nonindigenous | | | | | |
| | species in Lake Erie | | | | | | |
| 7/1/18 to 6/30/20 | U.S. Fish and Wildlife Service thro | ugh Ohio Department of Natural Resources | | | | | 1 |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Mayer, Christine Marie | Environmental Sciences, Department of | | | 34 | | |
| Co-I | Bossenbroek, Jonathan | Environmental Sciences, Department of | | | 33 | | |
| Co-I | Qian, Song S. | Environmental Sciences, Department of | | | 33 | | |
| S-126220-02 | Linking Fish to Lower Trophic Le | vel Variability in Lake Huron | No | \$6,195 | \$1,084 | \$7,279 | \$7,279 |
| 0/0/40/1 0/00/40 | (G18AS0001) | | | | | | |
| 3/2/19 to 3/30/19 | U.S. Geological Survey | | | | | | 1 |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Mayer, Christine Marie | Environmental Sciences, Department of | | | 100 | | |
| | | Sum of Department (Environmental | Sciences, Dep | partment Awa | rd Count: 17.30 | | \$1,170,724 |
| ake Erie Soil and Wa | ter Research and Education Center | | | | | | |
| C-126068-02 | — · | l experiments to forecast algal bloom | No | \$27,458 | \$13,043 | \$40,501 | \$40,501 |
| | toxicity in Lake ErieECOHAB 20 | | | | | | |
| 7/1/18 to 8/31/20 | National Oceanic and Atmospheric | Administration through Ohio State University | | | | | 1 |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Bridgeman, Thomas B. | Lake Erie Soil and Water Research and Edu | cation Center | | 100 | | |
| N-126208-01 | Lake Erie Center for Fresh Water | s and Human HealthBGSU NIH | No | \$19,459 | \$7,580 | \$27,039 | \$27,039 |
| | subaward | | | | | | |
| 9/30/18 to 6/30/19 | National Institutes of Health throug | | | | | | 1 |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Bridgeman, Thomas B. | Lake Erie Soil and Water Research and Edu | cation Center | | 100 | |] |

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| n-going projects with r | new funds, i.e. not reported in a previo | us fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
|--------------------------------|---|---|-------------------|---------------|----------------------|-------------|---------------|
| ake Erie Soil and Wa | ter Research and Education Center | | | | | | |
| N-127175-01 | Addressing Environmental Challet Solutions at the Lake Erie Land-La | | No | \$330,225 | \$16,311 | \$346,536 | \$138,61 |
| 2/15/19 to 1/31/22 | National Science Foundation | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Refsnider-Streby, Jeanine | Environmental Sciences, Department of | | | 30 | | |
| PI/PD | Refsnider-Streby, Jeanine | Lake Erie Soil and Water Research and E | Education Center | | 20 | | |
| Co-PI | Czajkowski, Kevin Paul | Geography and Planning, Department of | | | 30 | | |
| Co-PI | Czajkowski, Kevin Paul | Lake Erie Soil and Water Research and E | Education Center | | 20 | | |
| N-127386-01 | Lake Erie Center for Fresh Waters | and Human HealthBGSU NSF | No | \$62,510 | \$24,396 | \$86,906 | \$86,90 |
| | subaward | | | | | | |
| 10/1/18 to 9/30/19 | National Science Foundation throug | h Bowling Green State University | | | | | |
| Role | <u>Name</u> | Department | | | % Credit | | |
| PI/PD | Bridgeman, Thomas B. | Lake Erie Soil and Water Research and E | Education Center | | 100 | | |
| N-127682-01 | Lake Erie Live at Maumee Bay Sta | te Park | No | \$3,344 | \$1,656 | \$5,000 | \$5,00 |
| 4/15/19 to 9/30/19 | U.S. Geological Survey through Gre | at Lakes Commission | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Bridgeman, Thomas B. | Lake Erie Soil and Water Research and E | Education Center | | 100 | | |
| Co-I | Lohner, Rachel N. | Lake Erie Soil and Water Research and E | _ | | 100 | | |
| Stdnt Schol | Mahoney, Ian Benjamin | Lake Erie Soil and Water Research and E | | | | | |
| | | Sum of Department (Lake Erie Soil | and Water Resea | rch and Awar | d Count: 4.40 | | \$298,00 |
| lathematics, Departm | nent of | | | | | | |
| C-126323-02 | Choose Ohio First | | No | \$87,187 | \$0 | \$87,187 | \$87,18 |
| 7/1/18 to 6/30/19 | Ohio Department of Higher Education | on | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Martin, Geoffrey K. | Mathematics, Department of | | | 100 | | |
| C-126325-02 | Choose Ohio First | | No | \$22,815 | \$0 | \$22,815 | \$22,8° |
| 7/1/18 to 6/30/19 | Ohio Department of Higher Education | on | | , ,, | , , | , ,, | , ,- |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Chen, Zhiwei | Mathematics, Department of | | | 100 | | |
| C-126572-02 | RUI: Algebraic, Differential-Geom | etric, and Computational Aspects of | No | \$11,911 | \$5,896 | \$17,807 | \$17,80 |
| | Darboux Transformations in Class | ical and Super Settings | | | | | |
| 7/1/18 to 6/30/19 | | h State University of New York at New Paltz | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Shemyakova, Ekaterina | Mathematics, Department of | | | 100 | | |
| | · | Sum of Department (Ma r | thematics. Depart | ment of) Awai | d Count: 3.00 | | \$127,80 |
| | | Sam S. Espaininin (ma | | | | | Ţ · _ · , o · |

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Physics and Astronomy, Department of

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| 1-going projects with I | new lands, i.e. not reported in a previ | ous listal year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
|---|--|--|---------------|-----------------|------------------------|----------------|--------------------|
| hysics and Astronon | ny, Department of | | | | | | |
| C-123680-06 9/1/18 to 8/31/20 | Quantum Theories of Fundament and their applications National Science Foundation | al Atomic and Molecular Interactions | No | \$47,458 | \$22,542 | \$70,000 | \$70,00 |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Gao, Bo | Physics and Astronomy, Department of | | | 100 | | |
| C-125434-02-A2 | High Temperature Magnetic Mate | rials | No | \$(4,167) | \$(833) | \$(5,000) | \$(3,35 |
| 7/17/18 to 9/15/18 | Ohio Federal Research Network th Center | rough Case Western Reserve University/Case Me | edical | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Heben, Michael J. | Physics and Astronomy, Department of | | | 34 | | |
| Co-I | Georgiev, Daniel G. | Electrical Engineering and Computer Science | e, Department | of | 33 | | |
| Co-I | Phillips, Adam B. | Physics and Astronomy, Department of | | | 33 | * | • |
| C-125456-03 | Hyperspectral Imager Atmospher | | No | \$16,949 | \$8,051 | \$25,000 | \$25,00 |
| 6/13/18 to 12/31/19 | NASA John H. Glenn Research Ce | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Becker, Richard | Physics and Astronomy, Department of | | | 100 | | |
| C-126028-03 12/3/18 to 2/29/20 | In Situ Investigations and Strateg Intrinsic Degradation Mechanism Devices Office of Naval Research | iles for Addressing Extrinsic and s in Perovskite Solar Cell Materials and | No | \$101,695 | \$48,305 | \$150,000 | \$150,00 |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Heben, Michael J. | Physics and Astronomy, Department of | | | 34 | | |
| Co-I | Podraza, Nikolas Jacob | Physics and Astronomy, Department of | | | 33 | | |
| Co-I | Yan, Yanfa | Physics and Astronomy, Department of | | | 33 | | |
| C-126169-02 | UV Laboratory Measurements of Lifetimes, and Dissociation Productional Agrangatics and Space A | | No | \$8,125 | \$3,859 | \$11,984 | \$11,98 |
| Role | | Department | VIS | | % Credit | | |
| PI/PD | <u>Name</u> Federman, Steven R. | Physics and Astronomy, Department of | | | <u>% Credit</u> 100 | | |
| C-126327-02 | Choose Ohio First | . Tryotoc and reconomy, Department of | No | \$90,582 | \$0 | \$90,582 | \$90,58 |
| 7/1/18 to 6/30/19 | Ohio Department of Higher Educat | ion | 110 | ψυσ,συ <u>ν</u> | Ψΰ | 450,002 | 400,0 0 |
| Role | | Department | | | % Credit | | |
| PI/PD | <u>Name</u> Khare, Sanjay V. | Physics and Astronomy, Department of | | | <u>% Credit</u> 100 | | |
| C-126335-01-S1 | | emical Enrichment of the Universe | No | \$24,569 | \$11,670 | \$36,239 | \$36,23 |
| 4/5/18 to 4/4/21 | National Aeronautics and Space A | | 110 | ΨΣ-1,000 | ψ11,070 | Ψ00,233 | Ψ00,20 |
| Role | Name | Department | | | % Credit | | |
| 11.000 | Smith, John-David T. | Physics and Astronomy, Department of | | | 100 | | |

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| n-going projects with | n new funds, i.e. not reported in a previo | us riscai year. | <u>Cash?</u> | <u>Direct Cost</u> | Indirect Cost | Total Award | Credit |
|----------------------------------|--|---|-----------------|--------------------|------------------------|-------------|-----------|
| hysics and Astrono | omy, Department of | | | | | | |
| C-126335-01-S2 | Infrared Abundances and the Cher Universe17-ADAP17-0205 | | No | \$70,939 | \$33,695 | \$104,634 | \$104,634 |
| 4/5/18 to 4/4/21 | National Aeronautics and Space Adr | ministration | | | | | |
| Role PI/PD | <u>Name</u> Smith, John-David T. | <u>Department</u> Physics and Astronomy, Department of | | | <u>% Credit</u> 100 | | |
| C-126340-01-S1 | Sun | sus of Protostars within 500 pc of the | No | \$59,656 | \$28,337 | \$87,993 | \$87,993 |
| 10/29/18 to 8/9/20 | National Aeronautics and Space Adr | ninistration | | | | | |
| Role PI/PD | <u>Name</u> Megeath, Samuel Thomas | <u>Department</u> Physics and Astronomy, Department of | | | <u>% Credit</u> 100 | | |
| C-126690-02 3/1/19 to 2/28/20 | Monolithically Integrated Thin-Film High Efficiency and Stable Photoel U.S. Department of Energy through | | No | \$40,678 | \$19,322 | \$60,000 | \$60,000 |
| Role | Name | Department Department | | | % Credit | | |
| PI/PD | Yan, Yanfa | Physics and Astronomy, Department of | | | 100 | | |
| N-126169-01 7/1/18 to 12/31/18 | UV Laboratory Measurements of O Lifetimes, and Dissociation Produc National Aeronautics and Space Adu | | No is | \$7,889 | \$3,747 | \$11,636 | \$11,636 |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Federman, Steven R. | Physics and Astronomy, Department of | | | 100 | | |
| N-126340-01 | A Spitzer, Herschel and WISE Cens | sus of Protostars within 500 pc of the | No | \$61,207 | \$29,073 | \$90,280 | \$90,280 |
| 8/10/18 to 8/9/20 | National Aeronautics and Space Adr | ministration | | | | | |
| Role PI/PD | <u>Name</u> Megeath, Samuel Thomas | <u>Department</u> Physics and Astronomy, Department of | | | <u>% Credit</u> 100 | | |
| N-126710-01 8/1/18 to 7/31/21 | Lead free organic-inorganic halide piezoelectric responses National Science Foundation | perovskite ferroelectrics with large | No | \$301,003 | \$148,996 | \$449,999 | \$449,999 |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Yan, Yanfa | Physics and Astronomy, Department of | | | 100 | | |
| N-126958-01 | Center for Hybrid Organic-Inorgan (CHOISE) | | No | \$66,832 | \$33,082 | \$99,914 | \$99,914 |
| 1/9/19 to 1/8/20 | U.S. Department of Energy through | Alliance for Sustainable Energy LLC | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Yan, Yanfa | Physics and Astronomy, Department of | | | 100 | | |

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| n-going projects with r | new funds, i.e. not reported in a previo | us fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
|--------------------------------|--|---|--------|-------------|---------------|-------------|-------------|
| hysics and Astronon | ny, Department of | | | | | | |
| N-127056-01 | 18-ADAP18-0200; Orion The Final | Epoch | No | \$47,262 | \$23,394 | \$70,656 | \$70,656 |
| 2/26/19 to 2/25/20 | National Aeronautics and Space Add | ministration | | | | | |
| Role | Name_ | <u>Department</u> | | | % Credit | | 1 |
| PI/PD | Megeath, Samuel Thomas | Physics and Astronomy, Department of | | | 100 | | |
| N-127056-01-I01 | Orion: The Final Epoch | | No | \$61,466 | \$9,189 | \$70,655 | \$70,655 |
| 2/26/19 to 2/25/22 | National Aeronautics and Space Add | ministration | | | | | |
| Role | Name | Department | | | % Credit | | 1 |
| PI/PD | Megeath, Samuel Thomas | Physics and Astronomy, Department of | | | 100 | | |
| N-127095-01 | Film Deposition and Optical Prope | | No | \$8,010 | \$3,965 | \$11,975 | \$11,975 |
| 7/20/18 to 11/30/18 | Obsidian Sensors, Inc. | • | | , ,,, | , ,,,,,,,,, | , , | , , |
| Role | Name | Department | | | % Credit | | 7 |
| PI/PD | Podraza, Nikolas Jacob | Physics and Astronomy, Department of | | | 100 | | |
| N-127096-01 | DETECTION OF NON-THERMAL X | | No | \$16,722 | \$8,278 | \$25,000 | \$25,000 |
| | VELORUM | | | , ,, | , , , | , ,,,,,, | , ,,,,,, |
| 10/12/18 to 10/11/19 | National Aeronautics and Space Add | ministration through University of Maryland at Bala | timore | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Richardson, Noel Douglas | Physics and Astronomy, Department of | | | 100 | | |
| N-127112-01 | Ultra-High Efficiency and Stable A | I-Perovskite Tandem Solar Cells | No | \$370,794 | \$183,543 | \$554,337 | \$554,337 |
| 6/1/19 to 5/31/21 | U.S. Department of Energy | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Yan, Yanfa | Physics and Astronomy, Department of | | | 70 | | |
| Co-I | Podraza, Nikolas Jacob | Physics and Astronomy, Department of | | | 15 | | |
| Co-I | Song, Zhaoning | Physics and Astronomy, Department of | | | 15 | | |
| N-127206-01 | High Specific Power Multi-Junction | nThin Film PV | No | \$1,732,855 | \$857,763 | \$2,590,618 | \$2,590,618 |
| 8/16/18 to 8/15/21 | Air Force Research Laboratory | | | | | | _ |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | |] |
| PI/PD | Ellingson, Randall J. | Physics and Astronomy, Department of | | | 25 | | |
| Co-I | Amar, Jacques G. | Physics and Astronomy, Department of | | | | | |
| Co-I | Collins, Robert W. | Physics and Astronomy, Department of | | | 14 | | |
| Co-I | Heben, Michael J. | Physics and Astronomy, Department of | | | 25 | | |
| Co-I | Khare, Sanjay V. | Physics and Astronomy, Department of | | | 40 | | |
| Co-I | Phillips, Adam B. | Physics and Astronomy, Department of | | | 10 | | |
| Co-I | Podraza, Nikolas Jacob | Physics and Astronomy, Department of | | | 13 | | |
| Co-I | Yan, Yanfa | Physics and Astronomy, Department of | | | 13 | | J |

Dept Award

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| i-going projects with | new lunds, i.e. not reported in a pre- | nous listal year. | Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|-----------------------------------|---|--|---------------|---------------|---------------|-------------|----------------|
| hysics and Astronor | my, Department of | | | | | | |
| N-127252-01 1/1/19 to 12/31/20 | Radiative Feedback from Massiv and Spectroscopic Mosaics Space Telescope Science Institut | ve Stars as Traced by Multiband Imaging | No | \$14,950 | \$7,400 | \$22,350 | \$22,35 |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Smith, John-David T. | Physics and Astronomy, Department of | | | 100 | | |
| N-127339-01 | Transactive Campus | | No | \$167,155 | \$82,742 | \$249,897 | \$174,92 |
| 11/14/18 to 9/30/20 | U.S. Department of Energy through | gh Battelle | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Heben, Michael J. | Physics and Astronomy, Department of | | | 40 | | |
| Co-I | Ellingson, Randall J. | Physics and Astronomy, Department of | | | 30 | | |
| Co-I | Khanna, Raghav | Electrical Engineering and Computer Science | e, Department | of | 30 | | |
| N-127400-01 | • | d Gas throughout the Scales of Star | No | \$11,753 | \$5,818 | \$17,571 | \$17,57 |
| 5/1/19 to 4/30/20 | Formation Space Telescope Science Institut | e | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Chandar, Rupali | Physics and Astronomy, Department of | | | 100 | | |
| N-127456-01 1/15/19 to 6/15/19 | Development of optical models of TCO coated glass with and w Reel Solar Power, Inc. | for spectroscopic ellipsometry analyses thout CdS layer | No | \$0 | \$0 | \$0 | \$ |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Koirala, Prakash | Physics and Astronomy, Department of | | | <u> </u> | | |
| Co-PI | Heben, Michael J. | Physics and Astronomy, Department of | | | 100 | | |
| N-127665-01-W1 | Perovskite Process Implementa | | No | \$96,321 | \$47,679 | \$144,000 | \$144,00 |
| 5/16/19 to 4/30/20 | First Solar, LLC | | | , ,,,, | , , | * | + , - - |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Yan, Yanfa | Physics and Astronomy, Department of | | | 100 | | |
| Co-PI | Heben, Michael J. | Physics and Astronomy, Department of | | | | | |
| S-127088-01 | Driving the AGN Feedback Story Observations | With the Highest Resolution | No | \$24,811 | \$12,281 | \$37,092 | \$37,092 |
| 8/1/18 to 7/31/20 | | Administration through Space Telescope Science Ins | stitute | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Smith, John-David T. | Physics and Astronomy, Department of | | | 70 Oroan | | |
| Co-I | Medling, Anne Marie | Physics and Astronomy, Department of | | | 100 | | |
| T-127088-01 | Driving the AGN Feedback Story Observations | | No | \$109,784 | \$5,940 | \$115,724 | \$115,72 |
| 8/1/18 to 7/31/20 | | Administration through Space Telescope Science Ins | stitute | | | | |
| Role | Name_ | <u>Department</u> | | | % Credit | | |
| PI/PD | Medling, Anne Marie | Physics and Astronomy, Department of | | | 100 | | |

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| on-going projects with new funds, i.e. not reported in a previous fiscal year. | <u>Cash?</u> | Direct Co | ost Indirect Cost | Total Award | <u>Dept Award</u> d <u>Credit</u> |
|---|-----------------------------|------------|---------------------------|-------------|--------------------------------------|
| Sum of Department (P | hysics and Astronomy, Dep | artment o | Award Count: 26.37 | | \$5,119,817 |
| Sum of College (Natu | ural Sciences & Mathematics | s, College | Award Count: 76.20 | | \$11,442,173 |

Nursing, College of

Co-I

Co-I

Koning, Jonathan

Sarhan, Mazin

| This report does not show all projects that were active in FY19. This report shows only new and on-going projects with new funds, i.e. not reported in a previous fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | Dept Award Credit |
|--|-------|-------------|---------------|-------------|----------------------|
| Nursing, College of | | | | | |

| Nursing, College of | | | | | | | |
|---------------------|----------------------------------|---------------------------------------|-----|----------|----------|----------|----------|
| C-126723-02 | 2018-2019 Choose Ohio First Pa | tient Centered Medical Home (PCMH) | No | \$30,000 | \$0 | \$30,000 | \$30,000 |
| | Advanced Nursing Scholarship | | | | | | |
| 7/1/18 to 6/30/19 | Ohio Department of Higher Educa | ation | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Lewandowski, Linda A. | Nursing, College of | | | 100 | | |
| C-126723-02-S1 | 2018-2019 Choose Ohio First Pa | tient Centered Medical Home (PCMH) | No | \$10,000 | \$0 | \$10,000 | \$10,000 |
| | Advanced Nursing Scholarship | | | | | | |
| 7/1/18 to 6/30/19 | Ohio Department of Higher Educa | ntion | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Lewandowski, Linda A. | Nursing, College of | | | 100 | | |
| N-124116-01 | A Randomized, Double-Blind, Do | ouble-Dummy, Placebo-Controlled, | Yes | \$9,234 | \$2,770 | \$12,004 | \$1,200 |
| | Active-Controlled, Parallel-Grou | p, Multicenter Trial of | | | | | |
| | Oxycodone/Naloxone Controlled | I-Release Tablets (OXN) to Assess the | | | | | |
| | Analgesic Efficacy (Compared to | Placebo) and the Management of | | | | | |
| | Opioid-Induced Constipation | | | | | | |
| 6/24/13 to 6/23/14 | Purdue Pharma L.P. through Quir | tiles, Inc. | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Atallah, Joseph Noshi | Anesthesiology, Department of | | | 60 | | |
| Co-I | Dugan, Amy L. | Nursing, College of | | | 10 | | |
| Co-I | Gage, Emmanuel G. | Anesthesiology, Department of | | | 10 | | |
| | | | | | | | |

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Anesthesiology, Department of

Anesthesiology, Department of

Nursing, College of

This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| on-going projects with | new funds, i.e. not reported in a previou | s fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
|------------------------|--|-----------------------------------|---------------------------|---------------|------------------------|-------------|----------|
| Nursing, College of | | | | | | | |
| N-127086-01 | Educating a Community Within a Co | ommunity: Mental Health First Aid | No | \$115,734 | \$9,259 | \$124,993 | \$37,498 |
| | and Green Zone Training at the Univ | versity of Toledo and Beyond | | | | | |
| 9/30/18 to 9/29/19 | Substance Abuse and Mental Health | Services Administration | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Lewandowski, Linda A. | Nursing, College of | | | 20 | | |
| Co-I | Gray, Temeaka A. | Nursing, College of | | | 10 | | |
| Co-I | Johnson, Tressa S. | University Police | | | 10 | | |
| Co-I | Laux, John Micah | School of Intervention & Wellness | | | 10 | | |
| Co-I | McCullumsmith, Cheryl Beth | Psychiatry, Department of | | | 10 | | |
| Co-I | Petra, Megan Meta | School of Social Justice | | | 10 | | |
| Co-I | Riddick, Vicki L. | Human Resources | | | 10 | | |
| Co-I | Thompson, Amy J. | School of Population Health | | | 20 | | |
| N-127724-01 | Academic Champions Grant | | No | \$3,000 | \$0 | \$3,000 | \$3,000 |
| 5/2/19 to 1/1/20 | Echo 360 | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | |] |
| PI/PD | Reuille, Kristina M. | Nursing, College of | | | 100 | | |
| | | Sum of Depar | tment (Nursing, C | ollege of) Aw | ard Count: 3.40 | | \$81,698 |
| | | Sum of C | ollege (Nursing, C | ollege of) Aw | ard Count: 3.40 | | \$81,698 |

Dept Award

Dont Award

Pharmacy & Pharmaceutical Sciences, College of

This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| on-going projects with | going projects with new funds, i.e. not reported in a previous fiscal year. | | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
|---------------------------------------|--|--|--------------|---------------------|-----------------------------|-------------|----------|
| Center for Drug Desi | gn and Development | | | | | | |
| C-125692-03 1/1/19 to 12/31/19 | Developing PPAR Ligands NWO Stem Cure, LLC | | No | \$5,000 | \$500 | \$5,500 | \$5,500 |
| Role PI/PD | <u>Name</u> Erhardt, Paul W. | <u>Department</u> Center for Drug Design and Development | | | <u>% Credit</u> 100 | | |
| N-127057-01 7/10/18 to 7/9/19 | Development of Patentable, Meth Cancer Therapy Systems Oncology, LLC | nuophagy Inducing Compounds for | No | \$55,000 | \$5,500 | \$60,500 | \$30,250 |
| Role Co-PI Co-PI | <u>Name</u> Erhardt, Paul W. Tiwari, Amit K. | <u>Department</u> Center for Drug Design and Development Pharmacology, Department of | | | <u>% Credit</u> 50 50 | | |
| | | Sum of Department (Center for Drug I | Design and D | Pevelopm Awa | rd Count: 1.50 | _ | \$35,750 |

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| | ical Chemistry, Department of | | | | | | |
|--------------------|--|---|---------|---------------|-----------------------|-----------|----------|
| C-125945-02 | Choose Ohio First for Excellence in | the Pharmaceutical Sciences | No | \$50,700 | \$0 | \$50,700 | \$50,70 |
| 7/1/18 to 6/30/19 | (COFEPS) Ohio Department of Higher Education | | | | | | |
| | , | _ | | | 0/ 0 !!! | | |
| Role | Name | <u>Department</u> | | | % Credit | | |
| PI/PD | Slama, James T. | Medicinal and Biological Chemistry, Department of | | | 100 | | |
| C-126111-02 | Development of Attenuated Furoxar | s as Novel Therapies for | No | \$250,000 | \$133,750 | \$383,750 | \$383,75 |
| | Alzheimer's Disease | | | | | | |
| 2/15/19 to 1/31/20 | National Institute on Aging | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Schiefer, Isaac T. | Medicinal and Biological Chemistry, Department of | | | 75 | | |
| Co-I | Shah, Zahoor | Medicinal and Biological Chemistry, Department of | | | 25 | | |
| Stdnt Schol | Chau, Le Quynh Tue | | | | | | |
| Stdnt Schol | Sood, Ambika | | | | | | |
| Stdnt Schol | Van Berkom, Alexander Paul | Medicinal and Biological Chemistry, Department of | | | | | |
| Stdnt Schol | Van Berkom, Andrew Willard | Medicinal and Biological Chemistry, Department of | | | | | |
| Stdnt Schol | Zajac, Kelsee Keyshu | Medicinal and Biological Chemistry, Department of | | | | | |
| C-126361-02 | In Vivo Photoaffinity Labeling Using | Casper Zebrafish for Target | No | \$50,000 | \$26,750 | \$76,750 | \$49,88 |
| | Identification | | | | | | |
| 4/1/19 to 3/31/20 | National Institute on Drug Abuse | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Schiefer, Isaac T. | Medicinal and Biological Chemistry, Department of | | | 65 | | |
| Co-I | Hall, Frank | Pharmacology, Department of | | | 10 | | |
| Co-I | Williams, Frederick E. | Pharmacology, Department of | | | 25 | | |
| Stdnt Schol | Hagood, Katelyn Christie | | | | | | |
| N-126856-01 | Identification of the Elusive NAADP | Receptor | No | \$326,066 | \$135,832 | \$461,898 | \$401,85 |
| 9/20/18 to 8/31/21 | National Institutes of Health | | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Slama, James T. | Medicinal and Biological Chemistry, Department of | | | 50 | | |
| Co-I | Isailovic, Dragan | Chemistry and Biochemistry, Department of | | | 13 | | |
| Co-I | Wall, Katherine Ann | Medicinal and Biological Chemistry, Department of | | | 37 | | |
| | | Sum of Department (Medicinal and Biologic | al Cher | mistry, D Awa | rd Count: 3.52 | | \$886,18 |
| | | , | | • | | | , , - |
| harm-Student Srvcs | | | | | \$545 | \$5,999 | |
| N-127219-01 | Physical characterization of SPF bo | | No | \$5,454 | | | |

Direct Cost

Indirect Cost

Cash?

Dept Award

Credit

Total Award

| N- | 127219-01 | Physical characterization of SPF bo | osting technology | No | \$5,454 | \$545 | \$5,999 | |
|-----|------------------|-------------------------------------|----------------------------------|----|---------|----------|---------|--|
| 6/2 | 7/18 to 12/26/18 | Croda | | | | | | |
| | Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| | PI/PD | Baki, Gabriella | Pharmacy Practice, Department of | | | 100 | | |
| | Stdnt Schol | Abou-Dahech, Mariam Sami | Pharm-Student Srvcs | | | | | |

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

Sum of Department (Pharm-Student Srvcs) Award Count: Pharmacology, Department of The Role of Myocyte Primary Cilia in Cardiac Disease C-124653-03 No \$70,000 \$7,000 \$77,000 \$77,000 American Heart Association - Great Rivers Affiliate 7/1/18 to 6/30/19 Role % Credit Name Department PI/PD 100 Aboualaiwi, Wissam Ali Pharmacology, Department of C-126073-02 CO2 Inhalation enhances the lability of fear memory No \$250,000 \$89,100 \$339,100 \$16,955 1/1/19 to 12/31/19 National Institutes of Health % Credit Role Name Department PI/PD Biological Sciences, Department of Du, Jianyang 90 Co-I Sari. Youssef Pharmacology, Department of 5 Co-I Psychiatry, Department of 5 Wang, Xin In Vivo Photoaffinity Labeling Using Casper Zebrafish for Target C-126361-02 No \$50,000 \$26,750 \$76,750 \$26,863 Identification 4/1/19 to 3/31/20 National Institute on Drug Abuse Role % Credit Name Department PI/PD Schiefer, Isaac T. Medicinal and Biological Chemistry, Department of 65 Co-L Hall, Frank Pharmacology, Department of 10 Co-L Williams, Frederick E. 25 Pharmacology, Department of Stdnt Schol Hagood, Katelyn Christie N-126183-01-A1 High throughput approaches to determining the lethality of synthetic No \$50,000 \$26,750 \$76,750 \$7,675 psychoactive cathinones using Danio rerio larvae National Institutes of Health 7/15/18 to 6/30/19 Role % Credit Name Department PI/PD Hall. Frank Pharmacy Practice, Department of 80 Co-I 10 Schiefer, Isaac T. Pharmacy Practice, Department of Co-I Williams, Frederick E. Pharmacology, Department of 10 N-126229-01 Anticancer Activities of Fevillea Cordifolia and its Active Constituents No \$39,801 \$3,980 \$43,781 \$43,781 10/1/18 to 9/10/19 The Ministry of Higher Education, Science and Technology through National Evangelical University, UNEV Dominican Republic Role Name Department % Credit PI/PD Tiwari, Amit K. Pharmacology, Department of 100 N-126493-01 Targeting anthracycline resistance as a novel strategy to treat TNBC No \$359.398 \$89.850 \$449.248 \$449,248 8/7/18 to 8/6/21 Susan G. Komen for the Cure % Credit Role Name Department PI/PD Tiwari, Amit K. Pharmacology, Department of 100 Statistician Khuder, Sadik Medicine, Department of

Cash?

Direct Cost

Indirect Cost

Dept Award

Credit

Total Award

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This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| n-going projects with r | new funds, i.e. not reported in a previou | s tiscai year. | Cash? | Direct Cost | Indirect Cost | Total Award | Credit |
|--------------------------------------|---|---|------------|---------------|-----------------------------------|-------------|----------|
| harmacology, Depart | ment of | | | | | | |
| N-127057-01 7/10/18 to 7/9/19 | Development of Patentable, Methuc Cancer Therapy Systems Oncology, LLC | phagy Inducing Compounds for | No | \$55,000 | \$5,500 | \$60,500 | \$30,25 |
| Role Co-Pl Co-Pl | <u>Name</u> Erhardt, Paul W. Tiwari, Amit K. | <u>Department</u> Center for Drug Design and Development Pharmacology, Department of | | | <u>% Credit</u> 50 50 | | |
| N-127153-01 1/1/19 to 12/31/19 | Pre-doc Fellowship for Hannah Sate acetylcholine receptor 3 in hyperter American Heart Association - National | nsion in Polycystic Kidney Disease | No | \$26,844 | \$0 | \$26,844 | \$26,84 |
| Role PI/PD Co-I Stdnt Schol | Name Aboualaiwi, Wissam Ali Joe, Bina Saternos, Hannah Coletta | Department Pharmacology, Department of Phys Pharm Met/Cardio Science, Department of Pharmacology, Department of | of | | <u>% Credit</u> 100 | | |
| harmacy Practice, De | epartment of | Sum of Department (Pharmacol | ogy, Depar | tment of) Awa | rd Count: 5.00 | | \$678,61 |
| C-121385-10 2/1/19 to 6/30/19 | University of Toledo / Kroger Comm Kroger Company | nunity Pharmacy Residency Program | No | \$111,322 | \$33,397 | \$144,719 | \$144,71 |
| Role PI/PD | <u>Name</u> Lengel, Aaron J. | <u>Department</u> Pharmacy Practice, Department of | | | <u>% Credit</u> 100 | | |
| N-126183-01-A1 7/15/18 to 6/30/19 | High throughput approaches to det psychoactive cathinones using Dar National Institutes of Health | | No | \$50,000 | \$26,750 | \$76,750 | \$69,07 |
| Role PI/PD Co-I Co-I | <u>Name</u> Hall, Frank Schiefer, Isaac T. Williams, Frederick E. | <u>Department</u> Pharmacy Practice, Department of Pharmacy Practice, Department of Pharmacology, Department of | | | <u>% Credit</u> 80 10 10 | | |
| N-127147-01 7/1/18 to 9/30/18 | Development and validation of an S determination of fluasterone in rabl University of Texas at El Paso | PME-GC-MS method for | No | \$6,154 | \$1,846 | \$8,000 | \$4,00 |
| Role PI/PD Co-I | Name Boddu, Sai Hanuman Sagar Gionfriddo, Emanuela | <u>Department</u> Pharmacy Practice, Department of Chemistry and Biochemistry, Department of | | | <u>% Credit</u> 50 50 | | |
| N-127219-01 6/27/18 to 12/26/18 | Physical characterization of SPF bo | | No | \$5,454 | \$545 | \$5,999 | \$5,99 |
| Role PI/PD Stdnt Schol | <u>Name</u> Baki, Gabriella Abou-Dahech, Mariam Sami | <u>Department</u> Pharmacy Practice, Department of Pharm-Student Srvcs | | | <u>% Credit</u> 100 | | |

Dept Award

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This report does not show all projects that were active in FY19. This report shows only new and

| • | now all projects that were active in Final new funds, i.e. not reported in a prev | r19. This report snows only new and rious fiscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | Dept Award Credit |
|----------------------|---|--|----------------|---------------|-----------------------|-------------|----------------------|
| Pharmacy Practice, D | Department of | | | | | | |
| N-127611-01 | MINHC project | | No | \$18,518 | \$1,482 | \$20,000 | \$10,000 |
| 3/1/19 to 8/31/19 | Health Resources & Services Adn | ninistration through University of Illinois at Chicago | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Sahloff, Eric G. | Pharmacy Practice, Department of | | | 50 | | |
| Co-PI | Duggan, Joan | Medicine, Department of | | | 50 | | |
| R-127059-02 | Student Support | | No | \$8,000 | \$0 | \$8,000 | \$8,000 |
| 6/1/19 to 5/31/20 | Access Business Group Internation | nal LLC | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | |] |
| PI/PD | Baki, Gabriella | Pharmacy Practice, Department of | | | 100 | | |
| Co-I | Zauel, Natalie Lauren | | | | | | |
| | | Sum of Department (Pharmacy Pra | actice, Depar | tment of) Awa | rd Count: 4.90 | | \$241,793 |
| | | Sum of College (Pharmacy & Pharma | aceutical Scie | ences, Co Awa | rd Count: 14.92 | | \$1,842,347 |

Provost - Academic Affairs, Enrollment Services

This report does not show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| C-102723-30 | Carl D. Perkins Grant | | No | \$69,061 | \$0 | \$69,061 | \$69,061 |
|-------------------|------------------------------------|----------------------------------|----|-----------|----------|-----------|----------|
| 7/1/18 to 6/30/19 | U.S. Department of Education throu | igh Ohio Department of Education | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Tucker, Tia Nicole | Learning Enhancement Center | | | 50 | | |
| Co-I | Radwanski, Julia M. | Learning Enhancement Center | | | 50 | | |
| C-103911-23 | UT Student Support Services | | No | \$235,515 | \$18,841 | \$254,356 | \$254,35 |
| /1/18 to 8/31/19 | U.S. Department of Education | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Stone, Robin | Learning Enhancement Center | | | 100 | | |
| Stdnt Schol | Felbah, Alysia Shanae | Learning Enhancement Center | | | | | |

Cash?

Direct Cost

Dept Award

Credit

Total Award

Indirect Cost

Provost, Executive VP Academic Affairs

| C-12638 | 35-02 | 2017-2019 Dash Emergency Grant | | No | \$52,434 | \$2,622 | \$55,056 | \$55,056 |
|---------|------------|--------------------------------|--|----|----------|----------|----------|----------|
| 8/15/18 | to 8/31/19 | Ascendium Education Group | | | | | | |
| | Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| | PI/PD | Soliz, Michele Catherine | Provost, Executive VP Academic Affairs | | | 100 | | |

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Provost - Academic Affairs, Enrollment Services

This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

| -going projects with | new funds, i.e. not reported in a previo | us liscal year. | Cash? | Direct Cost | Indirect Cost | Total Award | <u>Credit</u> |
|----------------------|--|---|---------------|---------------|-----------------------|-------------|---------------|
| rovost, Executive VF | Academic Affairs | | | | | | |
| C-126385-02-I01 | 2017-2019 Dash Emergency Grant | | No | \$95,238 | \$4,762 | \$100,000 | \$100,000 |
| 3/15/18 to 8/31/19 | Ascendium Education Group | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Soliz, Michele Catherine | Provost, Executive VP Academic Affairs | | | 100 | | |
| N-127230-01 | The Student Experience at Univers | sity of Toledo: Advancing Equity by | No | \$250,000 | \$0 | \$250,000 | \$125,000 |
| | Design | | | | | | |
| 1/1/19 to 8/31/21 | Association of Public and Land Grar | nt Universities | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Bartell, Denise Susan | Provost, Executive VP Academic Affairs | | | 50 | | |
| Co-I | Berhan, Lesley | Mechanical, Industrial, and Manufacturing En | gineering, De | partment of | 30 | | |
| Co-I | McKether, Willie L. | Sociology and Anthropology, Department of | | | 20 | | |
| N-127243-01 | Higher Education Leadership and | Advocacy Summit | No | \$10,000 | \$0 | \$10,000 | \$10,00 |
| 8/1/18 to 2/28/19 | Mid American Conference Academic | C Consortium | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Thompson, Amy J. | Provost, Executive VP Academic Affairs | | | 100 | | |
| N-127595-01 | Strong Start to Finish Grant | | No | \$19,000 | \$0 | \$19,000 | \$19,000 |
| 3/14/19 to 12/31/19 | Ohio Department of Higher Education | on | | | | | |
| Role | Name | Department | | | % Credit | | |
| PI/PD | Bartell, Denise Susan | Provost, Executive VP Academic Affairs | | | 100 | | |
| N-127639-01 | Ohio Articulation and Transfer Net | work Consortium | No | \$3,000 | \$0 | \$3,000 | \$3,000 |
| 1/15/19 to 10/31/19 | Ohio Department of Higher Education | on through Ohio Articulation and Transfer Network | | | | | |
| Role | <u>Name</u> | Department | | | % Credit | | |
| PI/PD | Ayres, Russell William | Provost, Executive VP Academic Affairs | | | 10 | | |
| Co-I | Paprocki, Angela | Provost, Executive VP Academic Affairs | | | 90 | | |
| | | Sum of Department (Provost, Execut | ive VP Acade | mic Affai Awa | rd Count: 5.50 | | \$312,056 |
| | | Sum of College (Provost - Academic | Affairs. Enro | Ilment Se Awa | rd Count: 7.50 | | \$635,473 |
| | | Sum of Department (Provost, Execut Sum of College (Provost - Academic | | | | | - |

Dept Award

Public Safety

This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

<u>Cash?</u> <u>Direct Cost</u> <u>Indirect Cost</u> <u>Total Award</u> <u>Credit</u>

University Police

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Public Safety

This report does **not** show all projects that were active in FY19. This report shows only new and

This report does not show all projects that were active in FY19. This report shows only new and

on-going projects with new funds, i.e. not reported in a previous fiscal year.

| • | new funds, i.e. not reported in a previou | , | <u>Cash?</u> <u>I</u> | Direct Cost | Indirect Cost | Total Award | Dept Award Credit |
|---------------------------------|---|---------------------------------|--|-------------|----------------|-------------|----------------------|
| iversity Police | | | | | | | |
| -127086-01 /30/18 to 9/29/19 | Educating a Community Within a Co and Green Zone Training at the Univ Substance Abuse and Mental Health | versity of Toledo and Beyond | d No | \$115,734 | \$9,259 | \$124,993 | \$12,499 |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Lewandowski, Linda A. | Nursing, College of | | | 20 | | |
| Co-I | Gray, Temeaka A. | Nursing, College of | | | 10 | | |
| Co-I | Johnson, Tressa S. | University Police | | | 10 | | |
| Co-I | Laux, John Micah | School of Intervention & Wellne | ess | | 10 | | |
| Co-I | McCullumsmith, Cheryl Beth | Psychiatry, Department of | | | 10 | | |
| Co-I | Petra, Megan Meta | School of Social Justice | | | 10 | | |
| Co-I | Riddick, Vicki L. | Human Resources | | | 10 | | |
| Co-I | Thompson, Amy J. | School of Population Health | | | 20 | | |
| | | Su | um of Department (University P | olice) Awa | rd Count: 0.10 | | \$12,49 |
| | | | Sum of College (Public S | afety) Awa | rd Count: 0.10 | | \$12,49 |

Research & Sponsored Programs MC

| | | | <u>Casn?</u> | Direct Cost | indirect Cost | lotal Award | Credit |
|----------------------|-------------------------------|---|---------------|---------------|-----------------------|-------------|-----------|
| Office of Research & | Development | | | | | | |
| C-126438-02 | Choose Ohio First: Building O | hio's Sustainable Energy Future | No | \$201,500 | \$0 | \$201,500 | \$201,500 |
| 7/1/18 to 6/30/19 | Ohio Department of Higher Edu | ıcation | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Calzonetti, Frank | Office of Research & Development | | | 100 | | |
| | | Sum of Department (Office of Re | search & Deve | elopment) Awa | rd Count: 1.00 | | \$201,500 |

Dept Award

Research & Sponsored Programs

| <u> </u> | | | | | | | |
|--------------------|---------------------------------|-------------------------------|----|----------|----------|----------|----------|
| C-125698-03 | I-Corp Node: Activating the M | idwest I-Corps Network | No | \$22,774 | \$6,718 | \$29,492 | \$29,492 |
| 1/1/19 to 12/31/19 | National Science Foundation th | nrough University of Michigan | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Rapino, Norman | Research & Sponsored Programs | | | 100 | | |
| C-125746-03 | Topic II: NSF I-Corps Site at T | he University of Toledo | No | \$97,425 | \$2,190 | \$99,615 | \$99,615 |
| 4/28/19 to 2/29/20 | National Science Foundation | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Rapino, Norman | Research & Sponsored Programs | | | 100 | | |

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Research & Sponsored Programs MC

| This report does not show all projects that were active in FY19 | . This report shows only new and |
|---|----------------------------------|
| on-going projects with new funds, i.e. not reported in a previou | s fiscal vear. |

| on-going projects with i | g projects with new funds, i.e. not reported in a previous fiscal year. <u>Cash?</u> <u>Direct Cost</u> <u>Indirect Cost</u> <u>Total Award</u> | | | | Credit | | |
|--------------------------|--|-------------------------------------|---------------|--------------|-----------------------|-----------|-----------|
| Research & Sponsore | d Programs | | | | | | |
| C-126443-02 | Entrepreneurial Services Provider | Program | No | \$260,280 | \$80,982 | \$341,262 | \$341,262 |
| 1/28/19 to 12/31/19 | Ohio Development Services Agency | through NextTech Ohio | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Genide, Brian Michael | Research & Sponsored Programs | | | 100 | | |
| Co-I | Calzonetti, Frank | Research & Sponsored Programs | | | | | |
| Co-I | Rapino, Norman | Research & Sponsored Programs | | | | | |
| Co-I | Snider, Stephen J. | Technology Transfer | | | | | |
| N-126728-01 | MOU for Urban Affairs Center | | No | \$50,000 | \$0 | \$50,000 | \$50,000 |
| 7/1/17 to 6/30/19 | Ohio Department of Higher Education | on | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Calzonetti, Frank | Research & Sponsored Programs | | | 100 | | |
| | | Sum of Department (Research | & Sponsored P | rograms) Awa | rd Count: 4.00 | | \$520,369 |

Dept Award

Technology Transfer

| -126443-02 | Entrepreneurial Services Provide | er Program No \$ | 260,280 | \$80,982 | \$341,262 | |
|--------------------|----------------------------------|---|-------------------|-------------|-----------|--------|
| /28/19 to 12/31/19 | Ohio Development Services Agen | cy through NextTech Ohio | | | | |
| Role | <u>Name</u> | <u>Department</u> | | % Credit | | |
| PI/PD | Genide, Brian Michael | Research & Sponsored Programs | | 100 | | |
| Co-I | Calzonetti, Frank | Research & Sponsored Programs | | | | |
| Co-I | Rapino, Norman | Research & Sponsored Programs | | | | |
| Co-I | Snider, Stephen J. | Technology Transfer | | | | |
| _ | | Sum of Department (Technology Trans | fer) Award | Count: | | |
| | | Sum of College (Research & Sponsored Programs | MC) Award | Count: 5 00 | | \$721. |

Student Affairs

This report does **not** show all projects that were active in FY19. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

<u>Cash? Direct Cost Indirect Cost Total Award Credit</u>

| Divid | eion | of. | Qtı. | dont | Λf | faire |
|-------|------|-----|------|------|----|-------|

| _ | | | | | | | | |
|---|-------------------|------------------------------|-----------------------------|----|----------|----------|----------|----------|
| | C-110170-12-S1 | Upward Bound Program | | No | \$37,038 | \$2,962 | \$40,000 | \$40,000 |
| | 9/1/18 to 8/31/19 | U.S. Department of Education | | | | | | |
| | Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| | PI/PD | Rogers, Pamela N. | Division of Student Affairs | | | 100 | | |

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Student Affairs

| | now all projects that were active in FY19 new funds, i.e. not reported in a previou | s fiscal year. | Onah O | Discot Coot | Indianat Coat | | Dept Award |
|-----------------------|--|--|-------------------------------------|--------------------|------------------------|-------------|------------|
| | | | <u>Cash?</u> | Direct Cost | Indirect Cost | Total Award | Credit |
| oivision of Student A | ffairs | | | | | | |
| C-126194-02 | Upward Bound Math & Science Prog | gram | No | \$259,709 | \$15,446 | \$275,155 | \$275,15 |
| 9/1/18 to 8/31/19 | U.S. Department of Education | | | | | | , |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Rogers, Pamela N. | Division of Student Affairs | Ne | ¢27.020 | 100 | £40.000 | <u></u> |
| C-126194-02-S1 | Upward Bound Math & Science Prog | gram | No | \$37,038 | \$2,962 | \$40,000 | \$40,00 |
| 9/1/18 to 8/31/19 | U.S. Department of Education | Danadasast | | | 0/ 0 = dit | | 1 |
| Role PI/PD | <u>Name</u> Rogers, Pamela N. | <u>Department</u> Division of Student Affairs | | | <u>% Credit</u> 100 | | |
| [FI/FD | Rogers, Famela N. | | mont /Divinion of Ctudout A | ffoire) Arres | | | \$255.45 |
| | | Sum of Depart | ment (Division of Student A | mairs) Awar | d Count: 3.00 | | \$355,1 |
| tudent Activities Adı | min | | | | | | |
| N-127358-01 | Rocket Fuel Food Recovery Program | n | No | \$55,400 | \$0 | \$55,400 | \$55,40 |
| 2/1/19 to 1/31/20 | Association of Public and Land Grant | Universities | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Spann, Sammy | Student Activities Admin | | | 100 | | |
| Stdnt Schol | Schuetz, Emily Marie | Student Activities Admin | | | | | |
| Stdnt Schol | Torio, Ashlen T. | Student Activities Admin | | | | * | |
| R-108836-15 | Camp Adventure Youth Services | | No | \$26,000 | \$0 | \$26,000 | \$26,00 |
| 9/1/18 to 8/31/19 | University of Northern Iowa | | | | | | 1 |
| Role | Name | <u>Department</u> | | | % Credit | | |
| PI/PD | Spann, Sammy | Student Activities Admin | | | 100 | | |
| | | Sum of Depa | rtment (Student Activities A | dmin) Awar | d Count: 2.00 | | \$81,40 |
| pward Bound | | | | | | | |
| C-110170-12 | Upward Bound Program | | No | \$422,643 | \$23,688 | \$446,331 | \$446,33 |
| 9/1/18 to 8/31/19 | U.S. Department of Education | | | | | | |
| Role | <u>Name</u> | <u>Department</u> | | | % Credit | | |
| PI/PD | Rogers, Pamela N. | Upward Bound | | | 100 | | |
| | | Su | m of Department (Upward B | ound) Awar | d Count: 1.00 | | \$446,33 |
| | | | Sum of College (Student A | Affairs) Awar | d Count: 6.00 | | \$882,88 |
| | | | 3 (3.3.3.3 | , | | | ,,,,, |
| niversity Colle | | | | | | | |
| | now all projects that were active in FY19 | . This report shows only new and | | | | | Dept Award |
| • | new funds, i.e. not reported in a previous | | | | | | Debt Award |

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University College

Grand Total:

| ni-going projects with | n new funds, i.e. not reported in a previous | | <u>Cash?</u> | Direct (| <u> </u> | Indirect Cost | Total Award | |
|--|--|--|---------------------|-----------------|--------------------|--------------------------------|--------------------|------------------------------|
| Dean - University Co | ollege | | | | | | | |
| N-123253-01 | Military Service Center Student Sup | port | Yes | \$7,8 | 860 | \$0 | \$7,860 | \$7,86 |
| 1/1/12 to 6/30/13 | U.S. Department of Veterans Affairs | | | | | | | |
| <u>Role</u> | <u>Name</u> | <u>Department</u> | | | | % Credit | | |
| PI/PD | Lettman, Dennis S. | Dean - University College | | | | 100 | | |
| | | Sum of Department | (Dean - University | / College) | Award | l Count: 1.00 | | \$7,86 |
| | | Sum of 0 | College (University | y College) | Award | l Count: 1.00 | | \$7,86 |
| | | This report shows only now and | | | | | | |
| his report does not s | nter show all projects that were active in FY19. n new funds, i.e. not reported in a previous | • | <u>Cash?</u> | <u>Direct (</u> | <u>Cost</u> | Indirect Cost | <u>Total Award</u> | Dept Award Credit |
| his report does not not | show all projects that were active in FY19. n new funds, i.e. not reported in a previous | • | <u>Cash?</u> | <u>Direct (</u> | <u>Cost</u> | Indirect Cost | | |
| his report does not : n-going projects with | show all projects that were active in FY19. n new funds, i.e. not reported in a previous | s fiscal year. | Cash? | | <u>Cost</u> 530 | Indirect Cost \$170 | | Credit |
| his report does not an appropriate management of the projects with the projects with the project of the project | show all projects that were active in FY19. In new funds, i.e. not reported in a previous US-Based, Observational, Drug Reg Users in Clinical Practice | s fiscal year. | | | | | Total Award | Credit |
| DP-Clinic-Cardiolog C-124708-04 7/1/18 to 6/30/19 | show all projects that were active in FY19. In new funds, i.e. not reported in a previous US-Based, Observational, Drug Reg Users in Clinical Practice Actelion Clinical Operations, Inc. | s fiscal year. sistry of Opsumit® (Macitentan) New | | | | \$170 | Total Award | Dept Award Credit \$35 |
| his report does not an appropriate with the property of the pr | show all projects that were active in FY19. In new funds, i.e. not reported in a previous US-Based, Observational, Drug Reg Users in Clinical Practice Actelion Clinical Operations, Inc. Name | s fiscal year. istry of Opsumit® (Macitentan) New Department | | | | \$170 % Credit | Total Award | Credit |
| his report does not an appropriate with the property of the pr | y US-Based, Observational, Drug Reg Users in Clinical Practice Actelion Clinical Operations, Inc. Name Khouri, Samer J. | Department Medicine, Department of OP-Clinic-Cardiology | | \$ | 530 | \$170 <u>% Credit</u> 50 | Total Award | Credit |

\$46,721,418

Award Count: 480.00

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