

Graduate Council Minutes December 7, 2010

Present: Michael Bechill, Barbaranne Benjamin, Karen Bjorkman, Wendy Cochrane, Michael Dowd, Mary Ellen Edwards, Brian Fink, Max Funk, David Giovannucci, Amira Gohara, Kay Grothaus, Hassan Hassab-Elnaby Mohamed Hefzy, Dong-Shik Kim, Jon Kirchhoff, Patricia Komuniecki, Peter Lindquist, Sara Lundquist, Sheryl Milz, Surya Nauli, Azadeh Parvin Frank Pizza, Susan Pocotte, Patricia Relue, Randall Ruch, Kathleen Salyers, Robert Sullivan, Hermann Von Grafenstein, Matthew Wikander

Absent: John Gaboury, Paul Hong, Wayne Hoss, Joel Lipman, Sakui Malakpa, Geoffrey Martin, Amy Thompson

Excused: Lawrence Anderson, Jamie Barlowe, Frank Calzonetti, Anand Kunnathur, Joseph Margiotta, Dorothea Sawicki, Dianne Smolen

Guests: Joseph Hovey (Maria Hurtado Alvarado), (Qingnian Goh), Mark Mason (Adam Keith) Bruce Bamber (Robert Layne), (Kelly Marbaugh), (Vafa Saboorideilami)

Light holiday refreshments were served.

Call to Order and Roll and Approval of Minutes

The Minutes of the October 5, 2010 and the November 9, 2010 meetings were approved.

Report of the Executive Committee of the Graduate Council and the Vice Provost for Graduate Affairs and Dean of the College of Graduate Studies

Report of the Executive Committee of the Graduate Council

Dr. Mark Templin reminded Council that the application deadline for Summer Research Awards and Fellowships Program is nearing with a due date of Tuesday, January 18, 2011. A brief program description: "The Summer Research Awards and Fellowships Program supports full-time, tenured and tenure-track faculty. Funds are awarded through a competitive, peer-reviewed process to support research, scholarly activities, and creative artistic projects; to advance a faculty member's professional career; to position a faculty member for additional external support; or to provide assistance in developing a promising research program." Additional information can be found at <http://www.utoledo.edu/research/uraf/srafp.html> or by contacting Dr. Elsa Nadler, Office of Research Development, 2600 Dorr, R1 Incubator Building, Mail Stop 218, urafp@utoledo.edu or elsa.nadler@utoledo.edu.

In order to accommodate the schedules of today's guests at the Council meeting, Dr. Templin requested that Agenda Item G - New Business, University Fellows Recognition, be moved next in the order.

New Business

University Fellows Recognition

On behalf of the Graduate Council Executive Committee, Dr. Mark Templin and Dean Patricia Komuniecki were pleased to formally recognize the University Fellows for their outstanding academic achievements in having been selected to receive a University Fellowship, the most prestigious award the College of Graduate Studies provides for doctoral students.

Dr. Komuniecki remarked that in past years, there was only funding for approximately six fellows, but during the budget process last year, the College of Graduate Studies (COGS) was able to get commitment for funding for an additional four fellows, several of whom are able to join us today.

We have five continuing students, four from the College of Arts and Sciences and one from Engineering. Each spring their advisors provide progress reports for these students who are all making significant progress toward their doctoral degrees, and are active in presenting and publishing their work.

Three of these students are in their third year of support:

- Ms. Christa Graham in Chemistry (advised by Dr. Jared Anderson)
- Mr. Marco Nardone in Physics & Astronomy (advised by Dr. Viktor Karpov)
- Ms. Megan Powell in Mathematics (advised by Dr. Wescott Vayo)

Two others are in their second year of support:

- Mr. Mohamed Tesfaye-Civil Engineering (Azadeh Parvin)
- Mr. Adam Keith –Chemistry (advised by Dr. Mark Mason)

Last spring, Dr. Komuniecki convened the Scholarships and Fellowships Committee to review the applications for the five new awards. The criteria and scope of the award are as follows:

This award is targeted for full-time incoming Ph.D. students or those very early in their Ph.D. program who have exceptional academic records. This is a highly competitive fellowship and is the highest student award the College of Graduate Studies makes. It includes a stipend for the academic year at the doctoral student level of each departmental program, plus remission of instructional fees, out-of-state surcharge, general fees, student legal fee and provides an insurance subsidy for UT student health insurance. It may be renewed up to four years provided the student maintains an outstanding academic record and makes progress toward the degree.

There were thirty-four applicants for the five available positions for this academic year, and the committee selected outstanding students from five different colleges. All five are with us today. Dr. Komuniecki asked them to please come forward with their advisor to be recognized as their name was called. Individual and group photos were taken by the University photographer.

Ms. Maria Hurtado Alvarado is a first year doctoral student in clinical psychology in the Department of Psychology in the College of Arts & Sciences, soon to be the College of Language, Literature and Social Sciences. Ms. Alvarado was recruited to UT from Arizona State University and is advised by Dr. Joe Hovey.

Mr. Qingnian Goh is a first year doctoral student in exercise science in the College of Health Science and Human Service. Mr. Goh received his M.S. at James Madison University and is working with Dr. Frank Pizza in the Department of Kinesiology.

Mr. Robert Layne is a doctoral student in cell/molecular biology in the Department of Biological Sciences in the College of Arts & Sciences (soon to be College of Natural Sciences & Mathematics). Mr. Layne was an undergraduate at UT in the College of Health Science and Human Service and is now studying GABA receptors with Dr. Bruce Bamber.

Ms. Kelly Marbaugh is a first year doctoral student in Biomedical Engineering, a joint doctoral program between the Colleges of Engineering and Medicine and she is working with Dr. Patty Relue.

Mr. Vafa Saboorideilami is a doctoral student in manufacturing and technology management in the College of Business Innovation. He was recruited to UT from Iran and is advised by Dr. Hassan Hassab-Elnaby.

The Council joined Drs. Komuniecki and Templin in congratulating this outstanding group of students as they embark on their studies at UT.

Report of the Vice Provost for Graduate Affairs and Dean of the College of Graduate Studies

Dr. Komuniecki provided brief reports and highlights from two different annual meetings, important to our graduate initiatives that she attended in the past couple of weeks.

- *National Professional Science Master's Association (NPSMA) Meeting at Georgia Tech November 17-19, 2010*

Several major reasons for attending this meeting:

- to gather additional information about how other universities handle PSM degrees,
- to get a sense for the diversity of programs across the nation (we are still the only one in photovoltaics!),
- to make contact with the NSF officials regarding possible new funding opportunities
- to interact with CGS and NPSMA leaders regarding our submission for recognition with the formal designation as a "PSM".

She is hopeful that by this time next year several other PSM degrees will be available. There were 120 attendees from across the nation, a mix of graduate deans and PSM program directors.

Currently, no other public universities in the USO have any PSM's, however; OSU and Cincinnati are now looking to create several within the next year. Thus, UT has the chance to be the first USO institution to have a PSM. In speaking with the ¾ of the reviewers at CGS, Dr. Komuniecki is optimistic that our proposal will receive positive recognition by February 2011.

- *Council of Graduate Schools (CGS) Meeting in Washington, D.C., December 1- 4, 2010*

This was the annual meeting of the Council of Graduate Schools that is primarily attended by graduate deans and some associate deans. This year there were 715 attendees and marked the 50th anniversary of the first CGS meeting. Dr. Komuniecki shared a few highlights from the plenary sessions and will save the workshop and concurrent sessions for a future meeting (focused on several new issues that will require some operational changes):

Martin Walker is the Senior Director of the Global Business Policy Council, a private think-tank for CEOs founded by the A.T. Kearney business consultancy. He is also a syndicated columnist and Editor-in-Chief Emeritus of United Press International. He served for 25 years as a journalist with *The Guardian* newspaper, and also served as bureau chief in Moscow and the United States, as well as European editor and assistant editor. He continues to be a regular BBC contributor. He gave an outstanding plenary lecture on the future demographics impacting graduate education. His presentation clearly indicated that for the next 20 years we need to be thinking about the shift in the age curve to adult learners over 60 and the rapidly rising number of women seeking graduate degrees.

Louis Menand, an endowed professor of History at Harvard, winner of a 2002 Pulitzer Prize, and author of several notable books including his most recent one: *The Marketplace of Ideas: Reform and Resistance in the American University*. His talk focused on the history of graduate education, starting out with strong disciplinary areas in the liberal arts and sciences and contrasted that with the recent trend toward interdisciplinary and professional graduate education. He espoused that if we truly want to achieve interdisciplinarity at the graduate level, a wholesale revamping of the graduate curriculum would be required.

He mused that maybe we need to consider three-year doctoral degrees. No matter what, he felt that the US graduate deans would need to address the tremendous graduate attrition at the doctoral level (>50% do not complete in 5 years).

Dr. Subra Suresh, former Dean of Engineering at MIT and now the newly appointed NSF Director, in his first public address since his confirmation, spoke to attendees about the future of STEM graduate education and the importance of the diversity of the future workforce including underrepresented minorities and women. He emphasized the undergraduate pipeline and reminded us that ~75% of doctoral students completing degrees will NOT be in academia, but will be seeking careers in business and industry, government (state and federal levels) and NGO's. He reminded graduate deans to think globally about the international cohorts that look to the U.S., but also noted that many Chinese and Indian students can now remain in their home countries and complete graduate degrees. We also need to consider more joint/dual degree options as a solid compromise for that situation.

Undersecretary for Education, **Martha Kantor** commented on the state of K-12 education and the under-preparedness of students entering universities leading to smaller qualified pool of graduate applicants.

Actor **Alan Alda** is now at SUNY -Stony Brook at the Center for Scientific Communication after 11 years interviewing scientists for the PBS program, *Scientific Frontiers*. During those years he noticed an inability of many scientists to effectively communicate complex concepts to audiences (students, journalists, the public). He now runs a program involving the use of improvisation techniques to change the way in which graduate students present their research. It was amazing to witness the remarkable improvement in presentation skills of graduate students from the 'before' to the 'after' videos.

These presentations should be posted to the CGS website in the next few weeks.

- *Associate Dean Search*
The successful candidate has been identified and negotiations are underway with the appointment expected to be finalized this week.
- *Commencement:*
Saturday, December 18, 2010, 10:00 a.m., Savage Arena. I hope that many of you will be able to be there to celebrate graduation of our doctoral and master's students. The Commencement speaker is Dr. James Stanley from the University of Michigan.

Graduation Statistics- number of degrees awarded by program level (includes students graduating in August 2010):

Doctoral	89
Masters	576
Ed Specialist	8
Graduate Certificates	28

The fall 2010 degrees awarded by college are distributed as follows:

Medicine	87
Business Administration	71
Engineering	67
Arts and Sciences	62
Education	54
Health Science and Human Service	26
Nursing	11
Pharmacy	9

Information and Discussion Items

Thesis and Dissertation Tracking Project Update

Dr. Patricia Relue reported that the ad hoc committee met on November 18, 2010 to test the processes beginning with the initial submission of the draft document to the advisor for back and forth iterations. Menu instructions are being clarified and with additional testing expected in January. The system will be very nice when it's deployed.

Standing Committee Reports

Curriculum Committee

Deferred until the next meeting.

Membership Committee

Dr. Mohamed Hefzy, Membership Committee chair, reported the committee reviewed 39 applications (see below). There was a motion to accept the report. Report accepted.

<i>Category</i>	<i>MC</i>	<i>HSC</i>	<i>Total</i>
Adjunct	7	3	10
Associate I	1	2	3
Associate II	0	2	2
Full	11	8	19
Special	0	1	1
Pending	4	0	4
Total	23	16	39

Dr. Hefzy also presented (via overhead projector) language revisions in the Graduate Faculty Membership categories, intended to provide clarification of definitions and process. After discussion and suggested minor modification, the following was unanimously approved.

For the qualifications of the "Full" membership category, 2nd bullet:

Hold a regular **tenured or tenure track** continuing faculty appointment at the University of Toledo.

For the qualifications of the "Associate I" membership category, 2nd bullet:

Hold a regular **tenured or tenure track** continuing faculty appointment at the University of Toledo.

For the qualifications of the "Special" membership category:

New text:

The membership committee of the Graduate Council may grant Special Membership to professionals, including but not limited to University of Toledo lecturers and research faculty, who would make a significant contribution to graduate education or research.

Old text:

~~On the recommendation of the Vice Provost for Graduate Affairs and Dean of the Graduate College, the membership committee will consider granting Special Membership to professionals who would make a significant contribution to graduate education or research.~~

Organizational Reports

Report of the Graduate Student Association

Mr. Michael Bechill, President of the Graduate Student Association (GSA), reminded Council that there are still areas where graduate student representation is needed. General Assembly membership is listed on the GSA website at <http://sites.google.com/site/graduatestudentassociation/general-assembly>.

He also reported that the GSA has invited over two dozen universities to participate in The University of Toledo Graduate Student Association Midwest Graduate Research Symposium on March 26, 2011. Online registration is available for both participants and judges. Additional judges are needed.

Old Business

None.

New Business

Dr. Komuniecki thanked Ms. Terri Hayes-Lepiarz for coordinating invitations to the University Fellows and their advisors to attend today's meeting and for arranging holiday refreshments as a "thank you" to the Graduate Council since The College of Graduate Studies will not hold a holiday reception this year.

Adjournment

There being no further business the Council adjourned at 1:52 p.m.