Annual Graduate Faculty Meeting
March 19, 2015

Graduate Education at UT:

Rewind
Play
Fast Forward

Patricia R. Komuniecki, Ph.D.
Vice Provost for Graduate Affairs and Dean, College of Graduate Studies
Overview

- COGS Annual Report
- “REWIND” – 2009 to 2010
- “PLAY” – 2011 to 2012
- “FAST FORWARD” – 2013 to 2015
Quick COGS Facts AY 2013–14

AY 2013–14:
- Degrees Awarded: 1,695 (includes 108 Certificates)
- GSA Funding: $154,000
- Professional Development Programs: 31

Fall 2014:
- Headcount: 4,536
- FTE: 3,187
- Applications: 3,680
- Admits: 1,142
- GAPA’s/ePAF’s: 1,138
- National Surveys Submitted: NSF–NIH, CGS, CGS–GRE, ACT
Graduate and Professional Students
Fall Enrollments

Headcount
FTE
Graduate Student Demographics
Fall 2014

- **Enrollment**: 4,536 graduate students
- **Diversity**: 60.3% White, 33.6% Ethnic Minority, 6.1% unknown
- **Gender**: 55.3% female, 44.7% male
- **Load**: 54.9% full-time, 45.1% part-time
- **Residency**:
  - 70.4% in-state
  - 11.2% out-of-state
  - 18.4% international
Graduate Degrees Awarded 2013–14

Total = 1,695

AY2012–13
1,682 degrees
AY2011–12
1,569 degrees
## COGS Exit Surveys—Fall 2013 and Spring 2014 (816 responses)

<table>
<thead>
<tr>
<th>Statement</th>
<th>Response (Strongly agree/ Agree)</th>
<th>Response (Strongly agree/ Agree)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fall 2013 (n=298)</td>
<td>Spring 2014 (n=518)</td>
</tr>
<tr>
<td><strong>Academic program prepared student for professional career goals</strong></td>
<td>94%</td>
<td>87%</td>
</tr>
<tr>
<td>Quality of graduate education was high</td>
<td>95%</td>
<td>91%</td>
</tr>
<tr>
<td>Program was intellectually challenging</td>
<td>95%</td>
<td>93%</td>
</tr>
<tr>
<td>Student was satisfied with COGS office: accessibility, responsiveness, efficiency, effectiveness (several questions)*</td>
<td>88–92%</td>
<td>85–94%</td>
</tr>
</tbody>
</table>

*~6% no response/not applicable
Exit Survey Comments
AY2013–14

“UT prepared me for the real world”
“It was a great/wonderful/awesome/enlightening experience”

Describe your experience:
Positive, excellent, amazing, great, memorable, challenging, valuable, meaningful...
Graduate Faculty AY 2013–14

- Graduate Faculty Membership Applications: 217
- Graduate Council Curriculum Actions: 118
Graduate Council Curricular Activities 2013–14

- NPP 4%
- ECM 26%
- PRR 25%
- NCP 45%

N=118
GRADUATE EDUCATION AT UT:

REWIND

PLAY

FAST FORWARD
Graduate Faculty Meeting Topics 2009–11:

- 1st: AY2009–10
  “Graduate Education at UT: Updates and Opportunities”

- 2nd: AY2010–11
  “Challenges facing Graduate Education”
Student Centered Actions:
- New Online Application (August 2009)
- First Midwest Graduate Research Symposium (March 2010)
- New ETD upload (May 2010)
- First Graduate Tab–UT Portal (May 2010)
- New Academic Standards and Fresh Start (August 2010)
- New COGS Orientation Programs (August 2010)
- First Electronic Updated Graduate Catalog (2010–11)
- Updated COGS Exit Surveys (December 2010)
Major COGS Projects:

- Established COGS Council of Associate Deans (2009)–monthly meetings
- Create one Graduate Faculty database (2009–10)
- Graduate Council: Revised Graduate Faculty Constitution and Graduate Council Bylaws (2009)
- First Strategic Plan (2010)
- First Assessment Plan/Report (October 2010)
- First ‘Snapshot’ Doctoral Program Review (2010–11)
Goal 2: Graduate and Professional Academic Programs

- Our graduate and professional academic programs will be *regionally relevant, nationally distinguished and highly ranked.*

- These programs at UT will be known for *high quality while maintaining accessibility, affordability and engagement.* STEMM (Science, Technology, Engineering, Mathematics, Medicine) and professional programs will have high visibility.
Pathways Through Graduate School and Into Careers

April 2012

COMMISSION ON
PATHWAYS
THROUGH GRADUATE SCHOOL
AND INTO CAREERS

PLAY
2011–12
Graduate Faculty Meeting Topics 2011–12:

- 3rd: AY2011–12
  “Graduate Education in the 21st Century”

- 4th (AY2012–13)
  “Graduate Education: Pathways to Careers”
Student Centered Actions:

- COGS Facebook page (2011)
- COGS Twitter account (2011–now offline)
- Blog (2012–now offline)
- New GSA Budget (2012)–covers MGRS, GSA Research Awards and travel funding
- Monthly COGS emails to all graduate students (2012)
- New COGS Enrollment/Orientation Specialist (2012)
Graduate Student Association (GSA)

- Annual Midwest Graduate Research Symposium host almost 200 students from Midwest universities from 5 states
- 2012 National Recognitions by NAGPS
GSA–Graduate Student Research Awards 2014
Major Projects:

- First Mission Statement (2011)
- First Vision Statement (2011)
- First Diversity Plan (2011)
- COGS ‘Snapshot’ Master’s Program Review (2011–12)

New Graduate Policies:

- Graduate Academic Grievance Policy (2012)
- Graduate Academic Dishonesty Policy (2012)
December 2014

Fast Forward
2013–15
Graduate Faculty Meeting Topics 2013–15:

- 5th (AY 2013–14)
  “Emerging Trends in Graduate Education”

- 6th (AY 2014–15)
  “Graduate Education at UT: Rewind, Play Fast Forward”
Major COGS website revision (2013)

COGS Staff Restructure (2014)

Graduate Council Bylaws (revisions 2012–15)

New Graduate Policies:
- Transfer Credit (2014)
- Leave of Absence Policy (2014)
- Graduate Enrollment Status: Full-time, Part-time and Audit (March 2015)
Directions 2011
Subgoal 2.1  Quality

- Grants and Publications
- Paper/poster presentations at meetings
- National Awards
- Fellowships/Scholarships
Cardiovascular disease: Immune system’s battle with blood vessels

BY ADAM BLATT (MD/PhD student in IIT/COMLS)
SPECIAL TO THE BLADE  March 2015
Woodrow Wilson Fellows 2013-2014

Back row left to right: Noah Bleckner, Samuel Östling, Corbin Brangham, Robert Abramoff, Christopher Wojciechowski.

Front row left to right: Dr. Patricia Komuniecki, Shelby McElroy, Alicia Schifferly, Mary Kreuz, Adam Thieroff, Rafael Soler.
Graduate programs include: PSM–Photovoltaics, PCMH–Nursing, PCMH–Medicine, BS Biology–MS Bioinformatics Pipeline program, Woodrow Wilson Fellows (LAMP)
2013-2014 University Fellow Recipients

Front Row: Dean Patricia Komuniecki, Mr. Ahmed Javaid, Dr. Deborah Chadee, Ms. April Brockman, Ms. Michelle Roley, Dr. Joseph Hovey, Ms. Maria Gabriela Hurtado Alvarado, and Dr. David Giovannucci

Back Row: Dr. Weiqing Sun, Dr. Vafa Saboorideilami, Dr. Anand Kunnathur, Dr. Bruce Bamber, Mr. Robert Layne, Ms. Kelly Marbaugh, and Dr. Patricia Kelue

Not Pictured: Mr. Qingnian Goh, Dr. Frank Pizza, Ms. Jessica Branch, and Dr. Laurie Dinnebeil.
2014-2015 University Fellow Recipients

Front Row: Ahmad Javaid, April Brockman, Malvika Behl, Kelly Marbaugh, Kevin Clark and Dean Patricia Komuniecki

Back Row/Advisors: Dr. Weiqing Sun, Dr. Deborah Chadee, Dr. Christopher Roseman, Dr. Patricia Relue, and Dr. Jared Anderson

Not Pictured: Kazem Majdzaadeh Ardakani, Jessica Branch, and Michelle Roley
Directions 2011
Subgoal 2.2 Affordability

- FY16 College Stipend and Tuition Scholarship Budgets allocated to colleges
- FY16–$1M Presidential Tuition Scholarship Recruitment Incentive Program (targeted)
- Revision of Full–Time Graduate Student Status Policy– reduction from 12 to 9 credit hrs– effective fall 2015 (comment period)
- Working to keep overall graduate tuition flat for FY16; differential tuition increase in 5 high demand/high selectivity healthcare programs
Graduate Assistant Funding 2013–14

- TA: 51%
- RA: 24%
- TS: 15%
- AA: 7%
- IN: 3%

N=1,138
**COGS Exit Surveys—Fall 2013 and Spring 2014**  (806 responses)

<table>
<thead>
<tr>
<th>Pre-degree employment</th>
<th>Fall 2012 (n=298)</th>
<th>Spring 2013 (n=518)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate Assistantship</td>
<td>32%</td>
<td>26%</td>
</tr>
<tr>
<td>Full-time job</td>
<td>33%</td>
<td>26%</td>
</tr>
<tr>
<td>Part-time job</td>
<td>13%</td>
<td>21%</td>
</tr>
<tr>
<td>Worked occasionally</td>
<td>5%</td>
<td>10%</td>
</tr>
<tr>
<td>Did not work</td>
<td>16%</td>
<td>16%</td>
</tr>
</tbody>
</table>
Directions 2011
Subgoal 2.3 Accessibility

- Overall COGS diversity of underrepresented students is 33.6% (3X> than original COGS diversity goal)
- Graduate Opportunity Assistantship Program (GOAP)
- McNair Scholar Program
- National Science Foundation– Advancing Graduate Education in the Professoriate (AGEP) Grant (anticipated funding June 2015)
Directions 2011
Subgoal 2.4 Engagement

- Research Symposia
- Internships (schools, healthcare, clinical placements)

6th Annual CHS Interprofessional Undergraduate and Graduate Student Research Forum
Friday, April 10, 2015
9:00 a.m. – 3:00 p.m.
HH 1711 B&C
Open to All Undergraduate and Graduate Students in the College of Health Sciences

Registration Deadline: April 3, 2015

Please obtain the application form from the College of Health Sciences website.
Submit your completed application and abstract to Dr. Barry Scheuermann at barry.scheuermann@utoledo.edu or deliver to his office at HH 2400H.

- Poster Presentation
- Networking Opportunity
- No registration fee
- Refreshments Provided

Sponsored, in part, by the University of Toledo Graduate Student Association

BIOLOGICAL SCIENCES GRADUATE STUDENT
2ND ANNUAL RESEARCH SYMPOSIUM

Come find out what our graduate students are researching and explore your future opportunities!

For more information contact:
Dr Malathi Krishnamurthy and Dr Song-Tao Liu
researchday@biosciences2.utoledo.edu

The Ingmann Room in the Student Union
University of Toledo Main Campus
3050 W. Trower Rd
Toledo, OH 43606
The Council of Biomedical Graduate Students

2015 Graduate Research Forum
March 19th-20th

Preliminary Poster Sessions
March 19th, 9am-11am COB1200

Preliminary Oral Sessions
March 19th, 1-5pm COB1210

Final Poster and Oral Sessions
March 20th, 8am-12pm COB 1200

Keynote Lecture
March 20th, 4:00-5:00pm COB 1000B

Keynote Speaker
Dr. Keith T. Flaherty, MD
Associate Professor; Department of Medicine, Harvard Medical School
Director of Developmental Therapeutics, Cancer Center, Massachusetts General Hospital

Contact CouncilGraduateStudents@utoledo.edu
or visit us at http://www.utoledo.edu/med/gradbiomedical/cbgs/
for more information about this event

GRADUATE STUDENT ASSOCIATION
THE UNIVERSITY OF TOLEDO

MGRS
Midwest Graduate Research Symposium

6th Annual Midwest Graduate Research Symposium
Saturday March 21st, 2015
8:00 am - 7:30 pm
Free Registration Deadline- February 28th, 2015

Keynote: Dr. Michael Rees, M.D., Ph.D.
World Renown Transplant Surgeon and Researcher
Topic “What It Means To Be Human”

- Open to Students from All Disciplines
- Awards for Oral & Poster Presentations
- Nationally Recognized Keynote Speaker
- Great Networking Opportunity
- Breakfast, Lunch, and Dinner Provided
- 65+ Universities Invited

Register for free online by visiting www.utoledogsa.com - Participant Registration

For further details, visit:
http://utoledogsa.com/midwest-graduate-research-symposium/

E-mail: Graduatestudentassociation@gmail.com
Sponsored and Organized by the University of Toledo Graduate Student Association
Emerging Trends in Graduate Education
Emerging Trends in Graduate Education

- Career Pathway Focus
- PSM’s
- UG to Graduate Pipeline Programs
- Online Programs
- Interprofessional Education
- Global Opportunities
- Financial Issues
## COGS Exit Surveys—Fall 2013 and Spring 2014 (816 responses)

<table>
<thead>
<tr>
<th>Post–degree employment</th>
<th>Fall 2013 (n=298)</th>
<th>Spring 2014 (n=518)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Begin new position with new employer</td>
<td>29%</td>
<td>31%</td>
</tr>
<tr>
<td>Continue in same position with same employer</td>
<td>21%</td>
<td>16%</td>
</tr>
<tr>
<td>Continue with same employer in a <strong>new</strong> position</td>
<td>8%</td>
<td>9%</td>
</tr>
<tr>
<td>Seek new employment</td>
<td>34%</td>
<td>33%</td>
</tr>
<tr>
<td>Continue graduate education</td>
<td>6%</td>
<td>6%</td>
</tr>
<tr>
<td>Employed in field (if employed)</td>
<td>86%</td>
<td>85%</td>
</tr>
<tr>
<td>Will remain in Ohio</td>
<td>56%</td>
<td>61%</td>
</tr>
</tbody>
</table>
Professional Science Master’s (PSM’s) at UT

- 2010–Photovoltaics (PV)*
- 2012–Biomarkers & Diagnostics*
- 2014– Human Donation Science
- 2015 –Green Chemistry & Engineering
- PSM’s in development: applied statistics, advanced medical laboratory practices, environmental sciences–water resources, cyber security

*1st PSM’s at an Ohio public university

**Possibility of PSM–Statewide System under discussion
UG–Graduate Program Pipeline

Professional Degrees:
- BSN to DNP (CON)
- Baccalaureate degree (typically STEM) to MSBS in Medical Sciences to Medical School (XX to COMLS for MSBS and MD)
- Baccalaureate degree (Biology) to MPH (Lourdes and Findlay)

Research Degrees:
- BSPS to MS in Medicinal Chemistry (CPPS)
- BS in Biology (CNSM) to MS in Bioinformatics (COMLS)
- BA to MA in Social Sciences (CLLSS)

**Consider new options in other disciplines**
Online Graduate Programs at UT

- **Doctoral degree**: Doctor of Nursing Practice (BSN and MSN pathways)

- **Master’s degree programs**: Engineering, Nurse Educator, Early Childhood/Special Education, Early Childhood Education, Educational Technology, Liberal Studies, Criminal Justice, Higher Ed Administration, Recreation Administration …

- **Certificates**: Elder Law, Gero Practice, Patient Advocacy Child Advocacy, Foundations of Peace Education …
Interprofessional Education (IPE)

- School for the Advancement of Interprofessional Education & Improvement of Human Performance
  - 8 healthcare professions from 4 colleges (CON, COMLS, CHS, CPPS)
  - Interdisciplinary teams of students work together with a goal of improved patient outcomes
  - Use of outstanding facilities (the Lloyd A. Jacobs Interprofessional Immersive Simulation Center & Hillebrand Clinical Skills Center)

- School for Interprofessional Teaming
  - New Certificate in Interprofessional Teaming (involves 7 disciplines from 3 colleges (CHS, JHCOE, CSJHS) to engage in collaborative best practices in services to young children with special needs and their families (pending GC approval))
In 2014, Governor Kasich championed HB 484
It directed OBR Chancellor John Carey to have a workgroup identify future efforts to promote international postsecondary education in Ohio
Report was submitted in December 2014 and RACGS will be working with the OBR staff on implementation of strategies to recruit and retain international students in Ohio
Things to Consider

Important Issues:
- Graduate Recruitment
- Time to Degree Completion
- Graduate Placements

Future Challenges:
- Declining Funding (Federal, State, University)
- Fundamental Changes in Higher Education

Future Opportunities:
- New UT Leadership
- New $1M Presidential Tuition Scholarship Recruitment Incentive
- New PSM, IPE, Online, Global and Pipeline Programs
Dean’s Role as Advocate

- **RACGS** (Regent’s Advisory Committee on Graduate Studies)– Chair AY 2014–15
- **NPSMA** (National Professional Science Master’s Association)–Board of Directors 2011–15
- **UKCGE** (United Kingdom Council on Graduate Education)– Invited Speaker– Professional Doctorates–April 2014 (Wales)
Quo Vadis?