

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**

THE
UNIVERSITY
OF TOLEDO

GRADUATE STUDIES
PATHWAYS TO NEW CAREERS



COGS ANNUAL REPORT AY 2013-14

Quick COGS Facts AY 2013–14

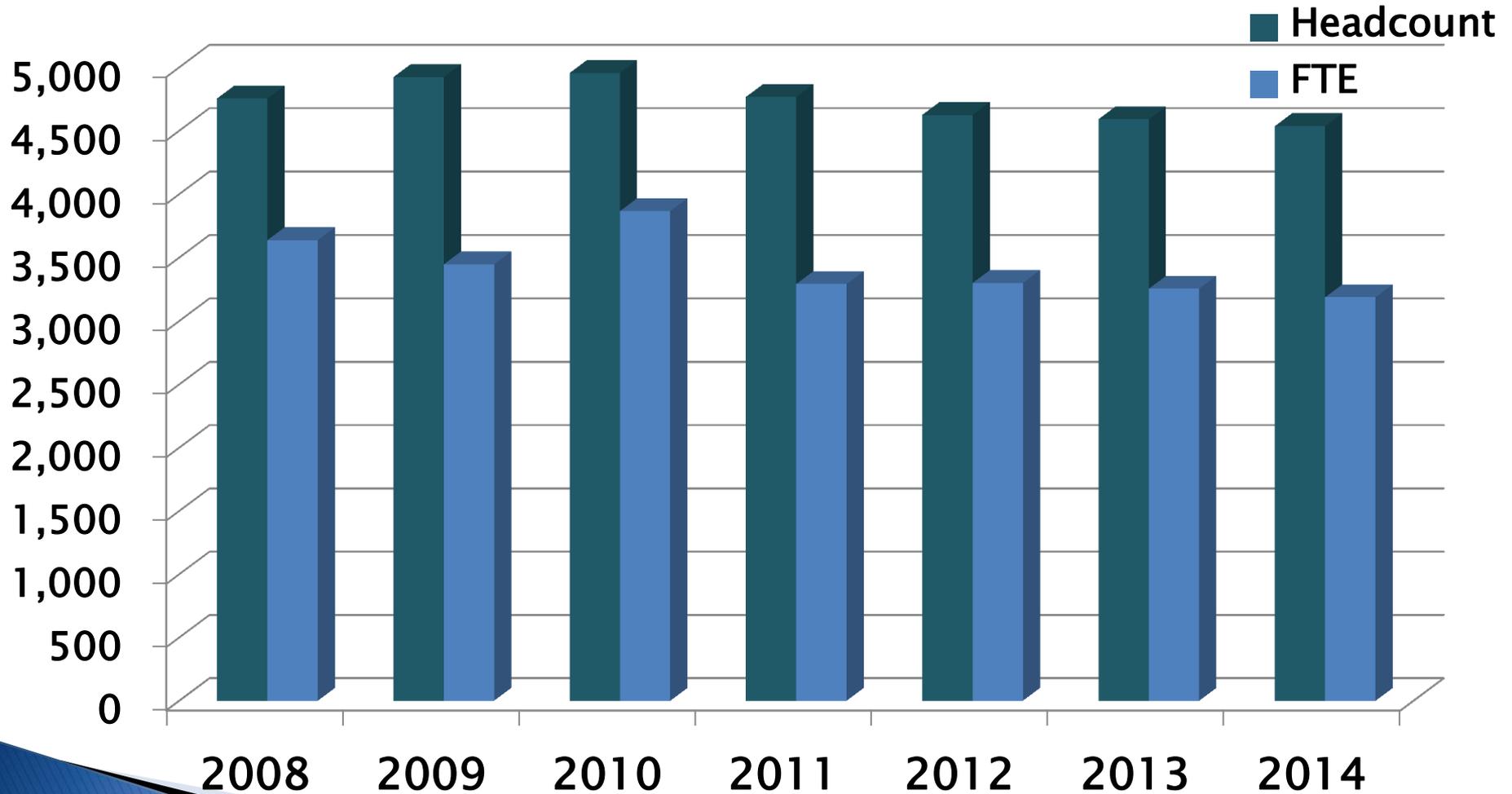
AY 2013–14:

- ▶ 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

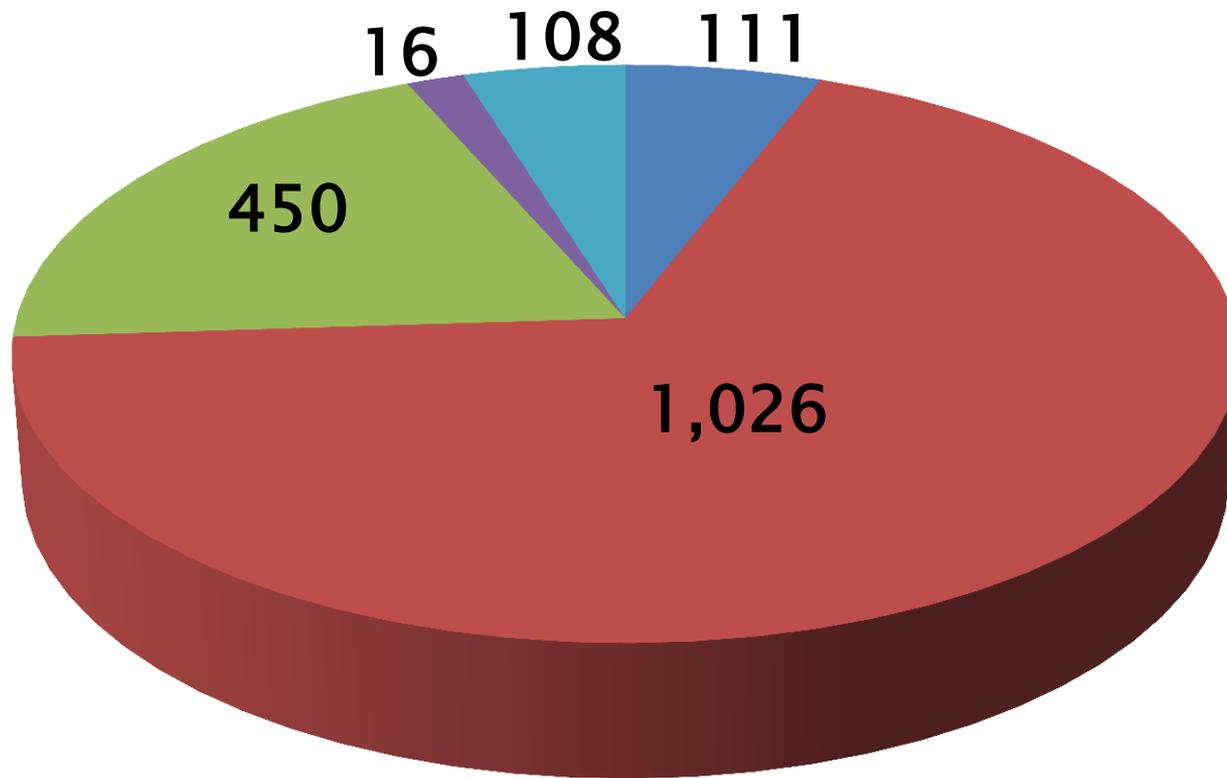


Graduate Student Demographics

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



- Doctoral
- Master's
- First Professional
- Education Specialist
- Certificates

AY2012-13
1,682 degrees

AY2011-12
1,569 degrees

Total=1,695

COGS Exit Surveys–Fall 2013 and Spring 2014 (816 responses)

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

*~6% no response/not applicable

Exit Survey Comments

AY2013-14

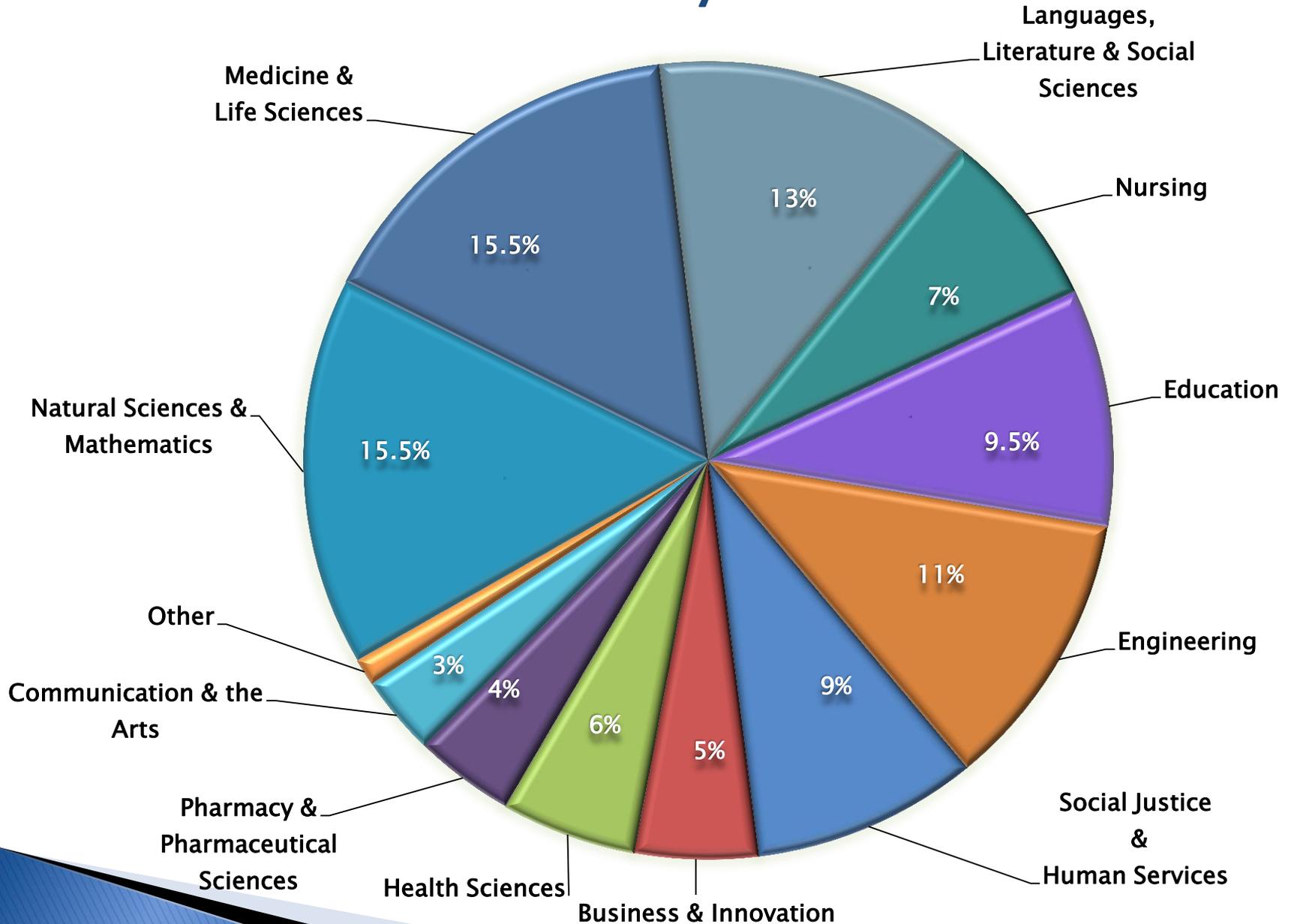
- ▶ “UT prepared me for the real world”
- ▶ “It was a great/wonderful/awesome/enlightening experience”

Describe your experience:

Positive, excellent, amazing, great, memorable, challenging, valuable, meaningful...

N=997

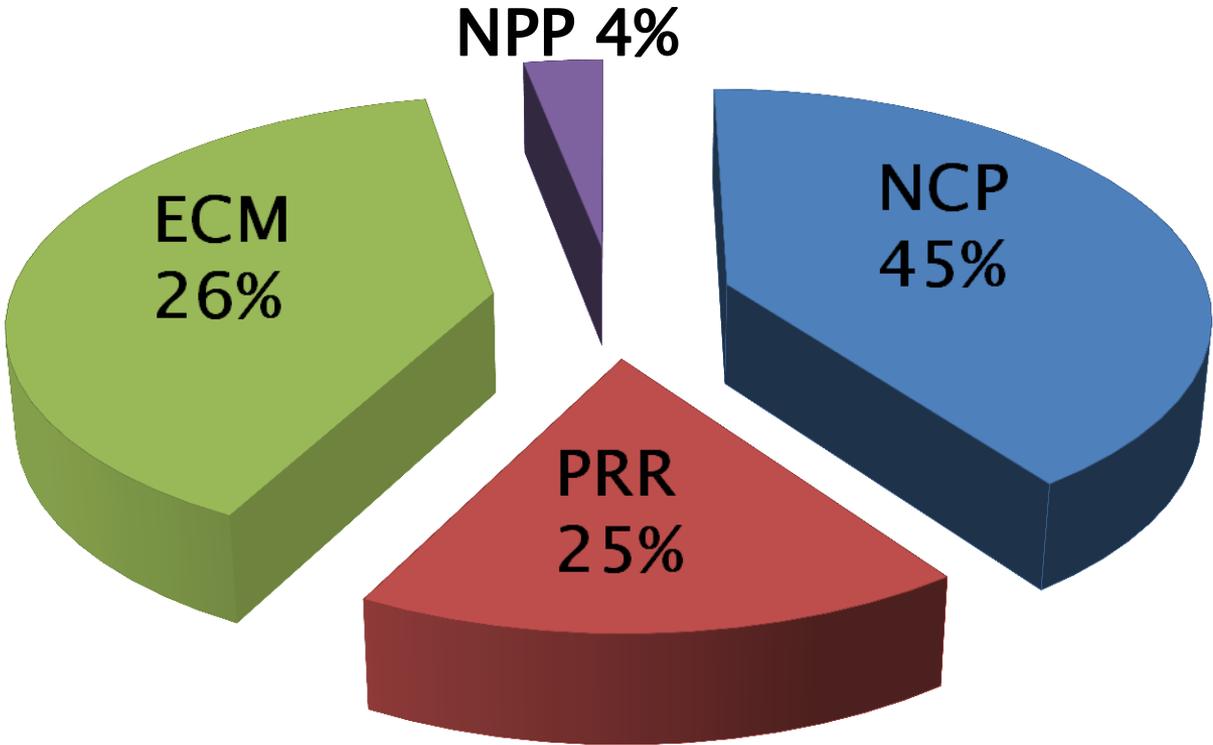
Graduate Faculty 2013-2014



Graduate Faculty AY 2013–14

- Graduate Faculty Membership Applications: 217
- Graduate Council Curriculum Actions: 118

Graduate Council Curricular Activities 2013-14



N=118



GRADUATE EDUCATION AT UT:



REWIND



PLAY



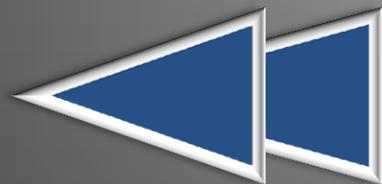
FAST FORWARD

The Path Forward

The Future of Graduate Education
in the United States



April 2010



REWIND

2009-10

Graduate Faculty Meeting Topics 2009–11:

▶ **1st: AY2009–10**

“Graduate Education at UT: Updates and Opportunities”

▶ **2nd: AY2010–11**

“Challenges facing Graduate Education”



REWIND

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)



REWIND

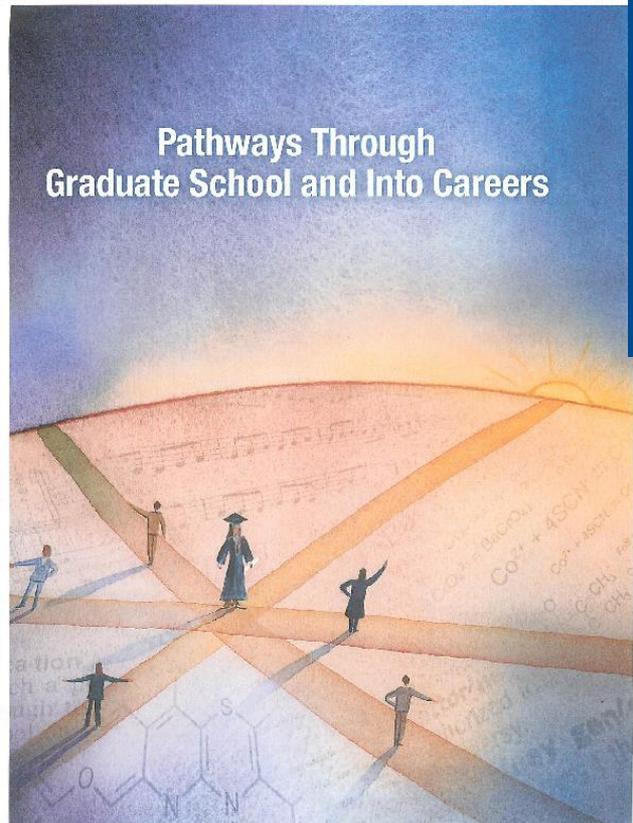
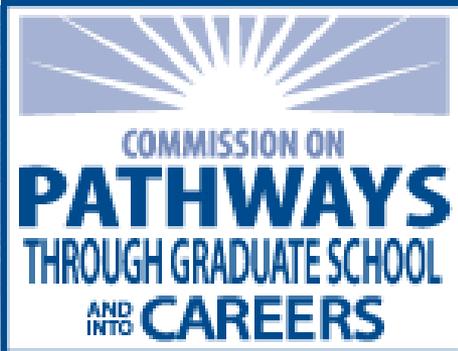
Major COGS Projects:

- ▶ 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)

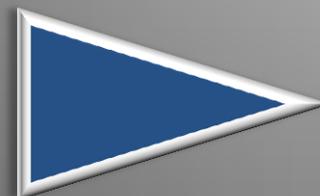
Goal 2: Graduate and Professional Academic Programs

- 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



PLAY
2011-12

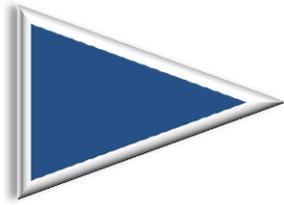
Graduate Faculty Meeting Topics 2011–12:

▶ 3rd: AY2011–12

“Graduate Education in the 21st Century”

▶ 4th (AY2012–13)

“Graduate Education: Pathways to Careers”



PLAY

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)

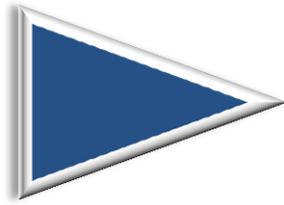


- Annual Midwest Graduate Research Symposium host almost 200 students from Midwest universities from 5 states
- 2012 National Recognitions by NAGPS



GSA-Graduate Student Research Awards 2014





PLAY

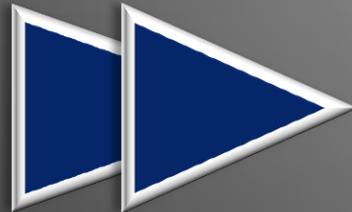
Major Projects:

- ▶ 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)

Understanding PhD Career Pathways
for Program Improvement



December 2014



FAST FORWARD
2013-15

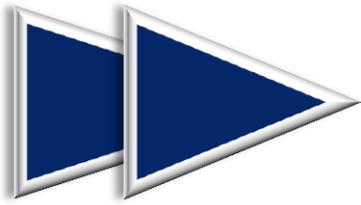
Graduate Faculty Meeting Topics 2013–15:

- ▶ 5th (AY 2013–14)

“Emerging Trends in Graduate Education”

- ▶ 6th (AY 2014–15)

“Graduate Education at UT: Rewind, Play Fast Forward”



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



National Science Foundation
WHERE DISCOVERIES BEGIN



THE WOODROW WILSON
National Fellowship Foundation





Learning to Teach

Language Arts, Mathematics,
Science, and Social Studies
Through Research and Practice

Editors in Chief
Lea Van Doren, Ph.D.
Rebecca M. Schraeder, Ph.D.

A publication of the Department of Curriculum and Instruction
Mark Templey, Ph.D., Interim Chair | University of Toledo

Latrice Faulkner PhD
student-(COMLS)
NIH grant



Padmapriya Sekar, MSBS –
Pre-doctoral Fellowship
American Heart Association



Clinical psychology doctoral students
achieve 100 percent internship match rate
(LLSS)



Cardiovascular disease: Immune system's battle with blood vessels
BY ADAM BLATT (MD/PhD student in IIT/COMLS)
SPECIAL TO THE BLADE March 2015



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.



The University of Toledo Choose Ohio First Scholarship Programs 2013-2014

Choose  hio First

www.utoledo.edu/choose-ohio-first/

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 Relue

Not Pictured: Mr. Qingnian Goh, Dr. Frank Pizza, Ms. Jessica Branch, and Dr. Laurie Dinnebeil.

2014-2015 University Fellow Recipients



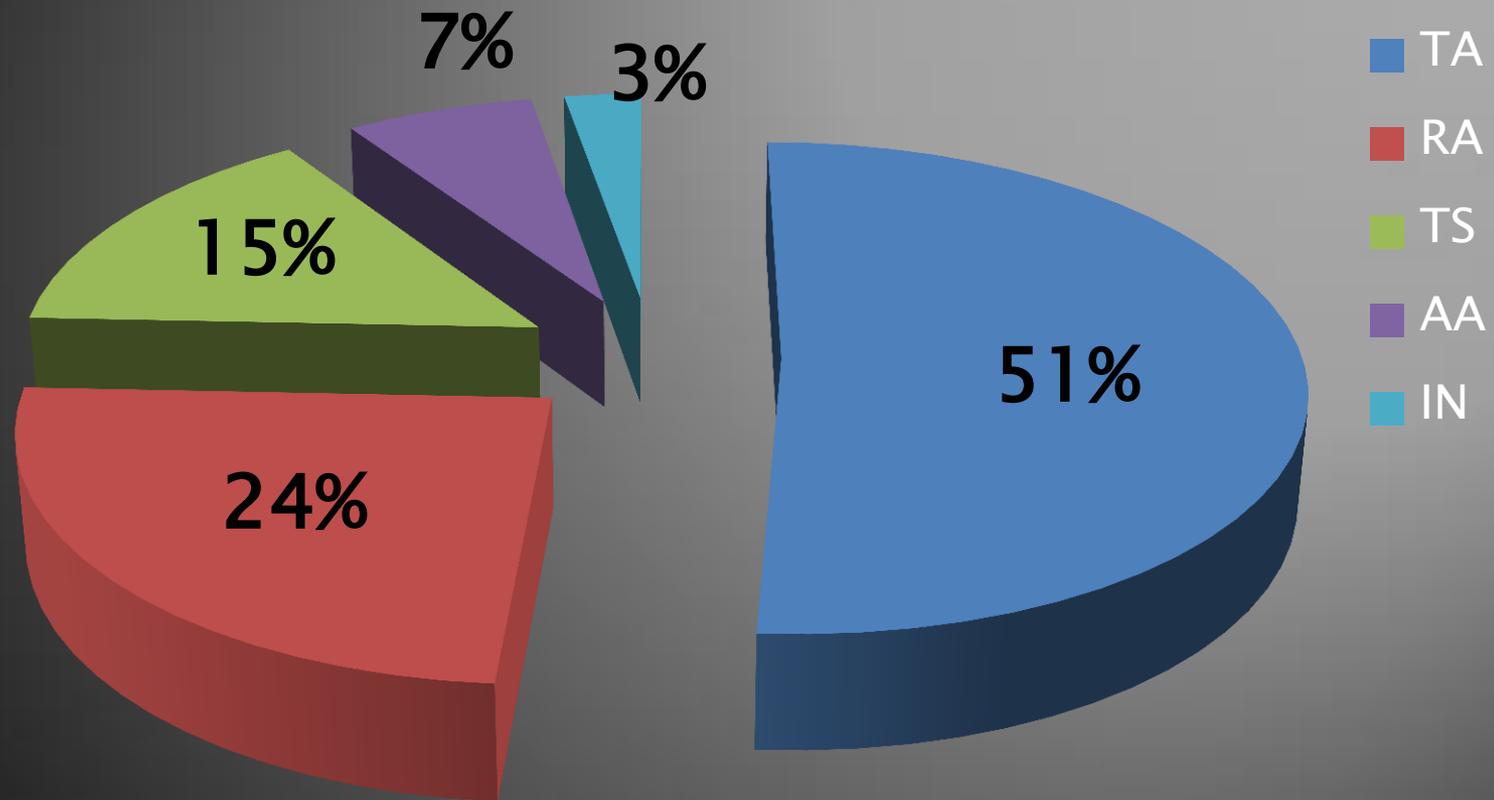
Front Row: Ahmad Javaid, April Brockman, Malvika Behl, Kelly Marbaugh, Kevin Clark and Dean Patricia Komuniecki
Back Row/Advisors: Dr. Weiqing Sun, Dr. Deborah Chadee, Dr. Christopher Roseman, Dr. Patricia Relue, and Dr. Jared Anderson
Not Pictured: Kazem Majdzadeh Ardakani, Jessica Branch, and Michelle 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



N=1,138

COGS Exit Surveys–Fall 2013 and Spring 2014 (806 responses)

| Pre-degree employment | Fall 2012 (n=298) | Spring 2013 (n=518) |
|------------------------|----------------------|------------------------|
| Graduate Assistantship | 32% | 26% |
| Full-time job | 33% | 26% |
| Part-time job | 13% | 21% |
| Worked occasionally | 5% | 10% |
| Did not work | 16% | 16% |

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



 UNIVERSITY OF TOLEDO
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 Ingman Room in the Student Union
University of Toledo Main Campus
3050 W Towerview Blvd
Toledo, OH 43606

November 8
9am-4pm

Sponsors

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/grad/biomedical/cbgs/>
for more information about this event



GRADUATE STUDENT ASSOCIATION

THE UNIVERSITY OF TOLEDO



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)

| Post-degree employment | Fall 2013 (n=298) | Spring 2014 (n=518) |
|--|----------------------|------------------------|
| Begin new position with new employer | 29% | 31% |
| Continue in same position with same employer | 21% | 16% |
| Continue with same employer in a new position | 8% | 9% |
| Seek new employment | 34% | 33% |
| Continue graduate education | 6% | 6% |
| Employed in field (if employed) | 86% | 85% |
| Will remain in Ohio | 56% | 61% |

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)

Global Opportunities



Chancellor John Carey's Recommendations for
**OHIO'S POSTSECONDARY
GLOBALIZATION INITIATIVE**

A REPORT PREPARED BY THE OHIO BOARD OF REGENTS

- ▶ 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?