Professional Development Opportunities for Graduate Students

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OGAPS Goal

• To improve and expand professional development (PD) opportunities for TAMU graduate students:

  ✓ Promote existing opportunities

  ✓ Identify gaps, develop new offerings
Career Center Goal

• To ensure all Aggies find professional success and fulfillment by:
  – Encouraging students to explore ALL career options
  – Helping students determine which path is the best fit for their interests and skills & develop a plan of action
  – Assisting students in each step of the job search and application process
  – Reaffirming students’ autonomy & self-efficacy during this stressful phase in their lives
What is PD?

• Training outside traditional, discipline-based graduate coursework.

• Helps bridge the gap between graduate education and the workforce.
What is PD?

Goals of participating in PD:

• Students learn skills that are transferable to a variety of jobs.

• Students gain greater awareness of different career paths (thus, increasing confidence and independence).
Why is PD important?

Today’s Job Market
1. The tight job market in higher education is widespread.
2. Job mobility (multiple careers) is the new normal.

Measures for Success
✓ Students need information about alternative employment options.
✓ Students need to prepare for a larger array of employment opportunities.
✓ PD activities will set our students apart from the average graduate student.
Why is PD important?

Figure 2

From
Where do they go?

Career outcomes for graduate students

- Approximately 50% of TAMU doctoral degree holders find initial placement in non-faculty, non-postdoc positions (note: many postdocs will eventually leave academia, too)

- Initial placement for Texas A&M’s May 2014 PhD students in Humanities & Social Science fields:
  - Higher Education Faculty = 42%
  - Industry, Government, Non-Profit, K-12, alt-ac = 54%
  - Postdocs = 4%
But...if they’re not professors, what do they do?

Recent (2004-May 2014) TAMU PhD graduates in humanities & social science are, among other things:

• High School Physics Teacher, Lamar Consolidated ISD
• Associate Director, TAMU Writing Center
• Director of HR, Adline ISD
• Local Program Success Specialist, National FFA Org.
• Analytics Manager, Razorfish
• Senior Technical Writer, Rackspace Hosting
• Director of Marketing & PR, Cedar Valley College
• Archaeologist, Cultural Services of Hawaii
Where do they go?

Career outcomes for graduate students

- Initial placement for Texas A&M’s May 2014 PhD students in STEM fields:
  - Higher Education faculty = 6%
  - Industry, Government, Non-Profit, K-12 = 50 %
  - University or National Lab Postdocs = 44%
# Career Outcomes

Table 1: Percentage of doctorates from academic years 2005 to 2009 by employment sector and field of study: 2010

<table>
<thead>
<tr>
<th>Field of Study</th>
<th>Educational Institution</th>
<th>Business / Industry</th>
<th>Government</th>
<th>Not Employed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>49%</td>
<td>37%</td>
<td>9%</td>
<td>5%</td>
</tr>
<tr>
<td>Biological, agricultural and environmental life sciences</td>
<td>56%</td>
<td>28%</td>
<td>10%</td>
<td>6%</td>
</tr>
<tr>
<td>Computer and information sciences</td>
<td>35%</td>
<td>58%</td>
<td>3%</td>
<td>5%</td>
</tr>
<tr>
<td>Mathematics and statistics</td>
<td>59%</td>
<td>36%</td>
<td>3%</td>
<td>3%</td>
</tr>
<tr>
<td>Physical sciences</td>
<td>48%</td>
<td>37%</td>
<td>10%</td>
<td>5%</td>
</tr>
<tr>
<td>Psychology</td>
<td>51%</td>
<td>31%</td>
<td>13%</td>
<td>5%</td>
</tr>
<tr>
<td>Social sciences</td>
<td>70%</td>
<td>19%</td>
<td>7%</td>
<td>5%</td>
</tr>
<tr>
<td>Engineering</td>
<td>28%</td>
<td>61%</td>
<td>7%</td>
<td>4%</td>
</tr>
<tr>
<td>Health</td>
<td>56%</td>
<td>29%</td>
<td>11%</td>
<td>3%</td>
</tr>
</tbody>
</table>

## Career Outcomes

### Table 2: Percentage of doctorates from academic years 2005 to 2009 in the academic sector by rank and field of study: 2010

<table>
<thead>
<tr>
<th>Field of Study</th>
<th>Tenure-track</th>
<th>Other Faculty</th>
<th>Postdoc</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>46%</td>
<td>11%</td>
<td>29%</td>
<td>14%</td>
</tr>
<tr>
<td>Biological, agricultural and environmental life sciences</td>
<td>26%</td>
<td>7%</td>
<td>50%</td>
<td>17%</td>
</tr>
<tr>
<td>Computer and information sciences</td>
<td>69%</td>
<td>9%</td>
<td>13%</td>
<td>9%</td>
</tr>
<tr>
<td>Mathematics and statistics</td>
<td>68%</td>
<td>11%</td>
<td>16%</td>
<td>5%</td>
</tr>
<tr>
<td>Physical sciences</td>
<td>34%</td>
<td>9%</td>
<td>44%</td>
<td>13%</td>
</tr>
<tr>
<td>Psychology</td>
<td>47%</td>
<td>23%</td>
<td>12%</td>
<td>18%</td>
</tr>
<tr>
<td>Social sciences</td>
<td>72%</td>
<td>13%</td>
<td>6%</td>
<td>9%</td>
</tr>
<tr>
<td>Engineering</td>
<td>47%</td>
<td>5%</td>
<td>33%</td>
<td>15%</td>
</tr>
<tr>
<td>Health</td>
<td>64%</td>
<td>12%</td>
<td>10%</td>
<td>14%</td>
</tr>
</tbody>
</table>

Advising Students

2 Questions to Ask Your Students:

• Do your career goals fit the realities of the job market in your discipline?

• What is your back-up plan?
OGAPS PD Portal

A search engine for students to identify PD opportunities across campus

*ogaps.tamu.edu/profdev-portal
*NEW* G.R.A.D. Aggies

Collaboration of 8 campus units to provide professional development opportunities for graduate students to better prepare them for professional life after graduate school.

Collaborators:
- Career Center
- Center for Teaching Excellence
- Graduate Student Council
- International Student Services
- OGAPS
- Student Counseling Center
- University Libraries
- University Writing Center

Programs:
- Workshops
- Seminars
- Training Events
- Online Resources
- For more information visit [http://grad-aggies.tamu.edu](http://grad-aggies.tamu.edu)
*NEW* for Fall 2015

- Open to all graduate students
PD Skill Areas (Competencies)

Academic Development

Leadership & Communication

Instruction & Assessment

Career Development
GRADUATE STUDENTS:

Worried about your future?  Thinking about non-academic careers?  There is a resource for YOU!

Founded and staffed by PhDs, VPhD helps you become versatile: ready, willing, and able to steer your career in many directions!

Serve Humanities, Social Science, and STEM fields

START HERE!

- Go to vphd.info/TAMU_go
- Enter your NetId and password
- Create a VPhD account
- Sign in!
3 Minute Thesis (3MT) Competition
2015 3MT

- Separate Master’s and Doctoral Prizes
- Prelims and Final Competition late fall/early spring
- Ogaps.tamu.edu/3mt
Preparing for Industry

Mays Business School
- Certificate in Entrepreneurial Leadership
- Certificate in Business

TAMU Career Center
- Internships
- Co-ops
- Externships
- Career Fairs
Preparing for Academia

Center for the Integration of Research, Teaching, and Learning (CIRTL)

- [http://cirtl.tamu.edu/](http://cirtl.tamu.edu/)

- Now open to students in all disciplines interested in pursuing a career in academia
Preparing for Academia

Center for Teaching Excellence

- Graduate Teaching Academy (GTA)
- TA Consultant and Mentoring Programs
Preparing for Academia

Funding for Research or Conference Travel:

- OGAPS Research and Presentation Grant
- Graduate Student Council Travel Award
Other Resources

• University Writing Center
  – Dissertation Retreat
  – Dissertation/Thesis Writing Groups

• POWER Writing Program
  – Workshops, Credit Bearing Courses, Consultations

• Student Counseling Services
We Need Your Help!

• G.R.A.D. Aggies formed to Improve Publicity of PD Opportunities:
  – The availability of existing PD programs are not known throughout campus

✓ Almost 40% of students said the best way to be notified of PD events was through their graduate advisor
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Questions?
Comments?