



GRADUATE COUNCIL

October 29, 2013

AGENDA

I. Approval of Minutes

II. Discussion

- *Moderator:* Sally Simpson, Councilor/GS Senior Faculty Advisor for Social Sciences
- *Councilors:* Debbie Rosenfelt (ARHU), Marie Howland (ARCH), Chuck Delwiche (CMNS), Rob Sprinkle (PUAF)
- *Guest:* Deb Weinstein (CMNS)

III. Topics

- Support Programs for Doctoral Students for Careers Inside and Outside the Academy
- Doctoral Programs in the Context of Changing Patterns in Career Choices
- Doctoral Programs for the Future



Broadening Experiences in Scientific/Academic Training

Debra L. Weinstein, Ph.D. & Arthur Popper, Ph.D.

NIH (2012): Biomedical Research Workforce Working Group Report

- A working group of the NIH Advisory Committee to the Director tasked with developing a model for
- “a sustainable and diverse U.S. biomedical research workforce that can inform decisions about training the optimal number of people for the appropriate types of positions that will advance science and promote health.”

Report Recommendations

- NIH should **create a program to supplement training grants** through competitive review to allow institutions to provide **additional training** and **career development experiences** to equip students for **various career options**.

RFA: Broadening Experiences in Scientific Training (BEST)

Purpose of this FOA: A new paradigm for graduate and postdoctoral training

Seek, Identify, Support

bold and innovative approaches to broaden graduate and postdoctoral training, such that training programs reflect the range of career options that trainees ultimately may pursue and that are required for a robust biomedical, behavioral, social and clinical research enterprise.

Why the University of Maryland?

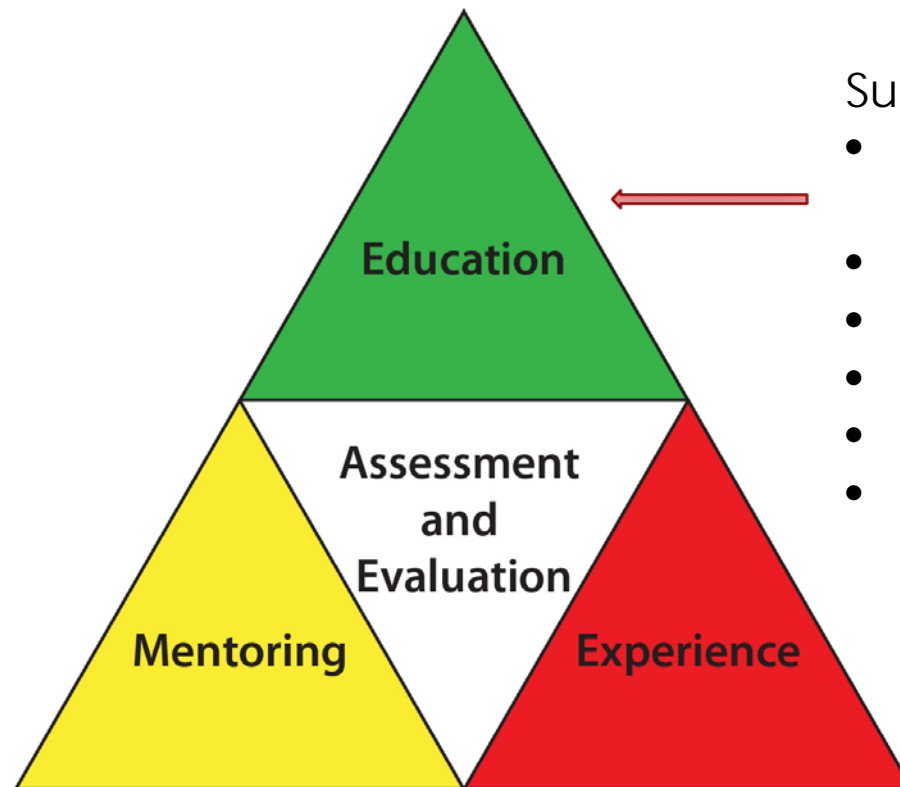
- Inside the Capital Beltway location
- Breadth of high level faculty experts in different disciplines
- Proximity to governmental and non-governmental organizations as well as industry (includes some scholarly ties)

Why the University of Maryland?

Table 1: Career aspirations of doctoral students in the Biological Sciences Graduate Program (BISI) in 2011 and 2013.

Career aspiration	Spring 2011 N=66	Spring 2013 N=59
Academic position	59%	49%
Industry/Business	17%	25%
Science outreach	9%	7%
Policy	4%	7%
Administration	2%	3%
Other (e.g., government, natural research, not sure)	9%	9%

TriUMph: Three-tiered program at UMD for Ph.D. trainees



Suggested topics:

- Selecting career paths
- Entrepreneurship
- Communications
- Leadership
- Job seeking
- Keeping up with technology

Next Steps

- Didn't get funded, but good reviews and comments
- Considering resubmission and pilot program.
- Geared for Science, Technology, Engineering and Math (STEM) but training is non-STEM (e.g. career development, networking, leadership) and can be extended to other disciplines



Marie Howland

ARCH

Emerging Non-Academic Careers

- Government, Consulting Firms, and Non-Profit Firms have always been a market for URPD (urban planning) Ph.D.s.
- ½ of our graduates are in academic jobs, ½ in government and non-profits.
- But non-academic do not hold the same status as academic jobs.

Why the Government, Non-Profit, Private Sector Is Attractive

- Graduates want to stay in D.C. area for personal reasons.
- A better match for finding a career- family balance.

What Changes Should We Make to our Curricula?

- Emphasize writing skills.
- Emphasize hands-on problem solving of real world problems as part of the curricula.
- Encourage students to participate in professional conferences in addition to academic conferences.
- Bring in speakers from the professions (i.e. World Bank, Brookings, U.S. Dept. of Housing and Urban Develop.)
- Emphasize personal skills, including interviewing, public presentations, leadership, networking.
- Success in government, consulting, and non-profit sectors isn't just about being smart.

School of Public Policy Doctoral Program Alumni and Alumnae

Name	Degree Code	Graduation Date	Email Address	Current Position Title	Employer
Adamshick, Mark	POSI	2007	madamsh@comcast.net	Assistant Professor	USMA, West Point
Aellon, Hailley	POSI	2013	hailley.aellon@gmail.com /		
Amato, Anthony	POSI	2004	anthony.amato@eng.com	Senior Energy & Climate Analyst	Eastern Research Group
Arendt, Michael	POSI	2012	MAREWD.T428@aol.com	Senior Consultant	IBM
Baehler, Karen	POSI	1998	karen.baehler@vuw.ac.nz	Scholar in Residence	School of Public Affairs, The American University
Belint, Peter	POSI	2000	peterbelint@gmail.com		George Mason University
Birky, Alicia	POSI	2008	abirky@mail.umd.edu /		
Bosquet, Benoit	POSI	2001	bbosquet@worldbank.org	Sr. Natural Resources Management Specialist,	Carbon Finance Unit, World Bank
Carasso, Adam	POSI	1996	acarasso@ul.urban.org	Chief Economist	Committee on the Budget, U.S. House of Representatives
Chattopadhyay, Soumya	POSI	2004	soumya218@yahoo.com	Senior Research Analyst	The Brookings Institution
Cho, Hyun-Koo	POSI	2007	pmad27@hotmail.com		
Chon, Haewon	POSI	2012	hwchon@gmail.com	Scientist	PNNL
Chowdhury, Sarwat	POSI	2003	sarwatc@hotmail.com	Consultant	Environment & Energy Group, Bureau for Development Policy, UNDP
Chulumbat, Narentsaya	POSI	2013	cnarens@mail.umd.edu /		
Clinch, Richard	POSI	2008	rcoclaru@gmail.com	Director of Economic Research	University of Baltimore
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Deutsch, Matthias	POSI	2007	deutsch@umd.edu	Consultant	Prognos AG
Farmansh, Amir	POSI	2012	farmansh@gmail.com /		
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Stegle, Joe	POSI	2001	jstegle@suffbest.net	Senior Research Fellow & Director of Research, Africa Program	National Defense University
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Wengrover, Sally	POSI	2009	sallywengrover@hotmail.com	Editorial Consultant	Foundation on Economic Trends
Wolf, Amanda	POSI	1995	amanda.wolf@vuw.ac.nz	Research Director	Victoria University of Wellington
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