

### GRADUATE COUNCIL

October 29, 2013

#### AGENDA

- 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?

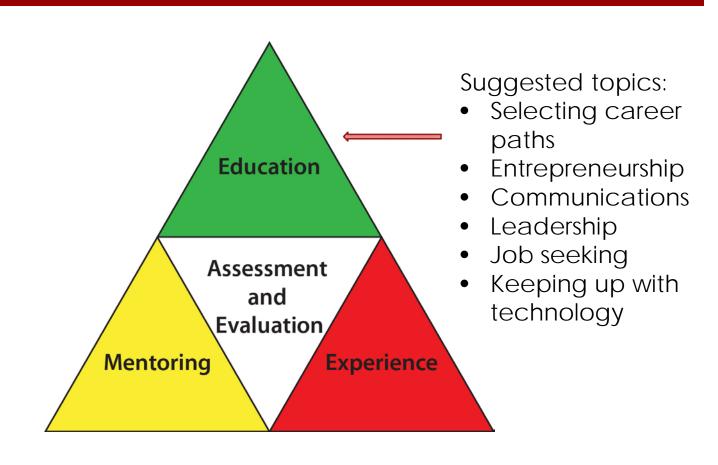
- Inside the Capital Beltway location
- Breadth of high level faculty experts in different disciplines
- Proximity to governmental and non-governmental organizations as well as industry (includes some scholarly ties)

### 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	<mark>59%</mark>	<mark>49%</mark>
Industry/Business	<mark>17%</mark>	<mark>25%</mark>
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



### 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.

# PUAF

School of Public Policy Doctoral Program Alumni and Alumnae					
Name	Degree Code	Graduation Date	Email Address	Current Position Title	Employer
Adamshick, Mark	POSI	2007	madamshick@comcast.net	Assistant Professor	USWA, West Point
Aetion, Halley	POSI		halley.selion@gmafl.com /		
Amato, Anthony	POSI	2004	anthony.amato@erg.com	Senior Energy & Climate Analyst	Eastern Research Group
Arendt, Michael	POSI	2012	MAREWD.T428@wol.com	Senior Consultant	IBM.
Bachler, Karen	POSI		karen, baehler@vuw.ac.nz	Scholar in Residence	School of Public Affairs, The American
Balint, Peter	POSI			Scholar in Residence	University George Mason University
Birky, Alicia	POSI	2000	peterjbalint@gmail.com abirky@mail.umd.edu /		George Mason University
отку, ласта		2000		for Manual Resources Manual Assessment	
Bosquet, Benoît	POSI	2001	bbosquet@worldbank.org	Sr. Natural Resources Management Specialist,	Carbon Finance Unit, World Bank
				-	Committee on the Budget, U.S. House of
Carasso, Adam	POSI	1996	acarasso@uf.urban.org	Chief Economist	Representatives
Chattopadhyay, Soumya	POSI		soumys218@yshoo.com	Senfor Research Analyst	The Brookings Institution
Cho, Hyun-Koo	POSI	2007	pmack27@hotmail.com		
Chon, Haewon	POSI	2012	hwchon@gmail.com	Scientist	PNNL
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Chowdhury, Sarwat			sarwatc@hotmafl.com	Consultant	Development Policy, UNDP
Cholounbet, Narantoya	POSI		cnaran@mail.umd.edu /		
Clinch, Richard	POSI	2008		Director of Economic Research	University of Saltimore
Cojocaru, Alexandru	POSI		scojocaru@gmafl.com	Consultant,	World Bank Group
Cruz Aguayo, Yyannu	POSI	2007	yyannu@mail.umd.edu /		
Delhotal, Katherine	POSI	2007	caseydelhotal@yahoo.com	Environmental and Economic Policy Advisor	U.S. Department of Treasury
Deutsch, Matthias	POSI		deutsch@umd.edu	Consultant	Prognos AG
Farmanesh, Amir	POSI		farmanesh@gmalLcom /	Consultant	Progress Au
Fitzsimmons, Michael		2012	rarmaneshiggmail.com /	Research Staff Member	Institute for Defense Analyses
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Gulden, Timothy	POSI	2005	tgulden@gmu.edu	Research Assistant Professor	Krasnow Institute for Advanced Study, George Mason University
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Hall, Gwendolyn	POSI	1992	gwenhall@braemamet.com	Planner	American Military University
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Harry, Charles	POSI		charles_harry@hotmail.com /		
Herbst, Christopher	POSI	2007	chertst4@ywhoo.com	Assistant Professor	Artzona State University
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Hetling, Andrea			shetling@rutgers.edu	Assistant Professor	Rutgers University.
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John, Mariel	POSI	2013	mariel.john@gmail.com		
Jones, Kevin	POSI		kdejones@umd.edu	Research Associate	Center for International Security Studies at Maryland
Jones, Nevin		2007	Koejonesauma.ecu		ac warytano
Karetníkov, Daria	POSI	2008	dartakar@yahoo.com /	US Dept Agriculture & Adjunct Assistant Professor	PAUF/AGNR, UMDCP
Khan, Mizan	POSI		Mizan_Khan@brown.edu		Brown University
					University of Maryland College Park, Government and Politics Department
Kosko, Stacy	POSI	2012	stacykosko@gmafl.com	Assistant Professor	Government and Politics Department
Kovacs, Meltssa	POSI	2005	meltssa.s.kovacs@gmatLcom		Ctsco Networking Academy
Kraev, Egor	POSI	2004			Deutsche Bank
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Lamb, Robert		2010	rdlamb@csis.org	Senior Fellow	Studies
	POSI				Center for Strategic and International Studies
Lennon, Alexander		2006	alennon@csts.org	Editor-In-Chief	
					James Martin Center for
					the state of the s
	POSI		jeffrey@armscontrolwork.com	Director of the East Asia	Nonproliferation Studies (CNS) of the Monteney institute of international
Lewis, Jeffrey	POSI	2004	jeffrey@armscontrolwork.com	Director of the East Asia Nonproliferation Program	Nonproliferation Studies (CNS) of the Monteney Institute of International Studies.
	POSI	2007	heroitu1973@yahoo.com /	Director of the East Asia Nonproliferation Program	Nonproliferation Studies (CNS) of the Monterey Institute of International
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Ltu, Chth-Hung	POSI	2007 2009	heroitu1973@yahoo.com /	Nonproliferation Program	Nonproliferation Studies (CNS) of the Monterey Institute of International Studies.
Ltu, Chih-Hung Ma, Jianbo Malghan, Deepak	POSI POSI	2007 2009 2006	herollu1973@yahoo.com / majlanbc2000@hotmatl.com	Nonproliferation Program	Nonproliferation Studies (CNS) of the Monterrey (Intitute of International Studies.  Self-Employed
Liu, Chih-Hung Ma, Jianbo Malghan, Deepak Marcotte, David	POSI POSI POSI	2007 2009 2006	heroltu1973@yshoo.com / majlanbo2000@hotmail.com dmailghan@mail.umd.edu	Nonproliferation Program Independent Policy Consultant	Nonproliferation Studies (CNS) of the Monterey institute of international Studies. Self-Employed University of Maryland Baltimore County
Ltu, Chih-Hung Ma, Jianbo Malghan, Deepak Marcotte, David Mashinya, Judith	POSI POSI POSI POSI	2007 2009 2006 1994 2007	heroliu19738yahoo.com / majlanbo20008hotmall.com dmalghan8mafl.umd.edu judith.mashinya8wwfus.org	Nonproliferation Program	Nonproliferation Studies (CNS) of the Monterey institute of international Studies. Self-Employed University of Maryland Baltimore County World Wildlife Fund
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