

# DISCOVERY-U

Where Genius Meets Imagination

**A FREE PUBLIC EVENT**

**Friday, November 9th, 2012**

**10:00 AM - 2:45 PM**

**HUB Auditorium**

**Showcase of Inspiring Science and Engineering Faculty**

**Session 1: 10:00 am – 11:20 am**

10:00	Karin Foley	Associate Dean, Eberly College of Science
10:05	Peter Hudson	Life Sciences
10:28	Scott Selleck	Biochemistry and Molecular Biology
10:48	David Hughes	Entomology and Biology
11:08	Dean Snow	Archaeological Anthropology

**TALK TITLE**

**Opening and Welcome**  
 Title To Be Announced  
 Genome Dynamics and Instability in Autism  
 Zombie Ants And Famine Fields  
 Getting a Grip On Hands

**Session 2: 11:30 am – 12:45 pm**

11:32	Melissa Rolls	Biochemistry and Molecular Biology
11:52	Jerzy Ruzyllo	Electrical Engineering and Materials Science
12:12	Paula Droege	Philosophy & Science, Technology & Society
12:26	Frank Dorman	Forensic Science

Staying Connected: A Lifelong Challenge For You Neurons  
 Semiconductor Nanotechnology  
 From Zombies To Fish: Why Be Conscious?  
 Environmental Forensics of Hydraulic Fracturing: How do You Really Know If Water Has Been Contaminated?

**Session 3: 1:30 pm – 2:45 pm**

1:30	Tracy Langkilde	Biology
1:53	Phil Bevilacqua	Chemistry
2:12	Steve Schaeffer	Biology
2:32	Robert Paulson	Veterinary and Biomedical Sciences

Boogie or Die: How Native Lizards Have Adapted To The Novel Threat Imposed By Predatory Ants  
 RNA: Functional Complexity from Molecular Simplicity  
 Unzipping the Genes of Fruit Fly Chromosomes  
 It Takes A Village

**Faculty, Staff, Students, and Public Welcome**

**Free T-Shirt\***

**\*To the first 25 Students at Each Session**

Register online at [www.science.psu.edu/outreach](http://www.science.psu.edu/outreach)

Organized by the Graduate Women in Science (GWIS) in collaboration with the College of Science Outreach and Science Engagement Office (OSE) and the Graduate Student Association (GSA)