Physics Department Alumni Reunion

September 21-22, 2012
FRIDAY, SEPTEMBER 21, 2012

11:30 AM  **Registration and Department BBQ Lunch** (Front Plaza)

2:00 PM  **Opening Remarks** (COM 101)
Sid Redner, Department Chair

2:10 PM  **Scientific Talks** (COM 101)

Laszlo Barabasi (PhD 1994)
Distinguished University Professor of Physics, Northeastern University  
*Taming Complexity: Controlling Networks*

Mike Naughton (PhD 1986)
Professor of Physics and Chair at Boston College  
*Nanocoaxial Arrays*

Richard Averitt
Associate Professor of Physics, Boston University  
*Controlling light with materials, controlling materials with light*

Pankaj Mehta
Assistant Professor of Physics, Boston University  
*Quantifying Waddington’s Landscape: Modeling the gene networks that underlie cellular identity*

4:10 PM  **Coffee Break**

4:40 PM  **Career Talks and Career Panel** (COM 101)

Dennis Hamill (PhD 1969)
CEO, Microelectronics and Computer Technology Corp.  
*Physics Throughout a Non-Traditional Business Career*

Justin Pniower (BA Physics & Philosophy 1999, PhD Oxford 2005)
Senior technical consultant, Ab Initio Software  
*Unforeseen Turns: How I Ended Up In Software*

Kristen Stoops (MA 1993)
Business Development Director, Oxford Nanopore Technologies, Ltd.  
*Do what comes naturally (most of the time!)*

6:30 PM  **Dinner Reception & Graduate Student Posters** (SCI Basement Atrium)

SATURDAY, SEPTEMBER 22, 2012

8:45 AM  **Light Breakfast** (SCI Lounge)

9:15 AM  **Career Talks and Test-Run Job Interviews** (SCI 109)

Reza Sadr (PhD 1998, JD 2011)
Associate, Electrical & Computer Technology Group, Finnegan, Henderson, Farabow, Garrett & Dunner, LLP  
*From Physics to Patent Law*

Terry Russell (PhD 1998)
Entrepreneur and investor in science and technology-based startup companies.  
*Experimental Business*

Denise Ciotti Labieniec (MA 1995)
Director of Studies, The Winsor School, a Boston all-girls school for the academically motivated  
*“Ms. Lab”: How I became and stayed a high school physics teacher*

Chris Serino (PhD 2012)
Technical Staff Member, Lincoln Labs  
*My Journey through Massachusetts’s Offerings in the Physical Sciences: Undergraduate, Graduate, and Industry*

11:15 AM  **Scientific Talks** (SCI 109)

Vito Scarola (BA 1997, PhD Penn State 2002)
Assistant Professor of Physics, Virginia Tech.  
*Searching for New Particles in Quantum Condensed Matter*

Bogdan Dobrescu (PhD 1998)
Scientist, Theoretical Physics Department, Fermilab  
*Higgs particle as a tool*

Tulika Bose
Assistant Professor of Physics, Boston University  
*Discovering new physics at the Large Hadron Collider*

Andrew Cohen
Professor of Physics, Boston University  
*The strange story of superluminal neutrinos*

1:15 PM  **Light Lunch** (SCI Lounge)