FUTURE FACULTY WORKSHOP: DIVERSE LEADERS OF TOMORROW

Sponsors

Division of Materials Research
Dean for School of Science
Office of the President
Institute for Advanced Materials

Agenda

Sunday June 19, 2011
3-6 PM Workshop Attendees Arrive at Endicott House

6-7:30 PM Dinner- (Main House)
Discussion Topic- Why Should You Want to be a Professor?

7:30-8:00 PM
Getting the Most From This Workshop
Discussion led by Professor Timothy Swager

8:00-9:00 PM
Attendees Introduce Themselves
Personal Backgrounds
Areas of Interest
Describe what They Want From the Workshop

9-10:30 PM (Gun Room)
Informal Networking Mixer (Drinks, Cheese, and Fruit)

Monday June 20, 2011
7:30-8:30AM Breakfast (Main House)
Discussion Topic: How Best to Prepare for an Academic Career?

8:30-9:30AM
Preparing for the Path to Professorship
Creating a Strong Experience in Graduate School
Developing Research Interests (Creating an Identity)
Choosing Mentors
Developing Strong References

Professors Christine Ortiz and Rick McCullough
9:30-10:15AM
Personal Experiences in Job Interviews
Professors Malika Jeffries-EL and LaShanda Korley

10:15-10:45AM
“Pros and Cons of Switching Areas and Striving to be Interdisciplinary: A Personal Perspective”
Dr. Fernando Albertorio

10:45-11:00AM
Break- Coffee and Light Snacks

11:00-12 Noon
Professor Joseph DeSimone

12-1:15PM Lunch (Main House)
Discussion Topic: What are the Emerging Frontiers in Materials Research?

1:30-2:45PM
Seeking an Academic Job
The Job Application Process, The Job Interview, Idea Development
Professor Greg Tew and Thomas Epps

2:45-3:30PM
Research Proposals- General Issues
Professors Tim Swager and Joseph DeSimone

3:30-4PM
Break- Sodas and Cookies

4-5PM
The Unwritten Rules of the Path to Professorship: Panel Discussion
Professors Ken Carter, Greg Tew, Christine Ortiz

5-5:30PM
Negotiations with Department Heads and Deans
Professors Tim Swager and Rick McCullough

6:00-7:15PM Dinner (Main House)
Discussion Topic: What are the Most Important Features of a Research Program?

7:30-8:45PM
Lecture: “Controlled Generation of Functional Materials from Nanostructured Polymers”
Professor Thomas Epps
9-10:30 PM (Mixer in the Gun Room)

**Tuesday June 17**

7:30-8:30AM Breakfast (Main House)  
Discussion Topic: What are General Strategies for Success in Academics?

8:30-9:30AM (Lecture Hall)  
Lecture: “Bio-Inspired Strategies for Mechanical Enhancements”  
LaShanda Korley

9:30-10:15AM (Lecture Hall)  
Running a Research Group: Being a CEO, COO, CTO and HR officer  
*Professors Tew, Carter, and Hammond*

10:15-12noon  
3 Concurrent Breakout Sessions with Mentors  
Discussions of Research Ideas, Outlining Proposals, Fleshing out of Proposals, Justifying Topical Areas

12:00-1:15PM Lunch (Main House)  
Discussion Topic: “How Best to Translate Creative Ideas into Impactful Science and Technology”

1:15-4:00PM  
(Open Refreshments Throughout this Time)  
3 Concurrent Breakout Sessions with Mentors  
Attendees Give 10 min Research Summaries of a Research Idea

4:00-4:30PM (Lecture Hall)  
Workshop Wrap-up Round Table Discussion  
Filling out of Questionnaires

5:00PM  
Close of Workshop  
Transportation to Logan and Cambridge