

FUTURE FACULTY WORKSHOP: DIVERSE LEADERS OF TOMORROW

Sponsors



Division of Materials
Research



Dean for School of Science
Dean for Graduate Education
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

Lecture: "Frontiers in Soft Materials"
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