

## Wednesday, October 20, 2021 Schedule

**1:45 PM Meeting opens**

**1:55 PM - 2:00 PM Introductions by Jinsang Kim and Abdon**

**Pena-Francesch,**

University of Michigan

**2:00 PM – 2:45 PM Sci Comm Workshop**

Join biologist and scientific illustrator, *Dr. Caroline Hu*, Harvard University, to learn how to communicate science through engaging visual media.

**2:30 PM – 3:15 PM International Student Immigration Workshop**

Join the University of Michigan Assistant Directors of International Student and Scholar Services, and the Assistant Director of Faculty and Staff Immigration Services for a presentation and Q&A session on "what comes after graduation" for international students.

*Panelists: Scott Manley, University of Michigan and David Muusz, University of Michigan*

**3:00 PM – 3:45 PM Academic Career Panel**

Learn from representatives from various academic career tracks, including R1 faculty, PUI (primarily undergraduate institute) faculty, and a national lab representative about their positions and what led them there.

*Panelists: Dr. Edmund Palermo (RPI), Dr. Scott Zavada (NASA), and Dr. Brittany Nelson-Cheeseman (University of St. Thomas)*

**3:45 PM – 4:30 PM Non-traditional Career Panel**

Meet University of Michigan alum to learn about alternative careers to academia and industry, including representatives who work in museum conservation, policy, and government.

*Panelists: Dr. Chris Avery (NCA), Dr. Matthew Clarke (Smithsonian), and Dr. Laura Povlich (NIH)*

**4:30 PM – 5:30 PM Industry Research and Development Career Panel**

Hear industry representatives talk about campus hires, demystifying getting a job, and hear from a recruiter's perspective.

*Panelists: Seyyed Salili (Wacker), Jeff Ting (3M), Jinghang Wu (BASF), Shaun Ahn (Dow), and Adam J. Crowe (PPG)*

**5:30 PM – 6:00 PM Wellness Workshop**

Join University of Michigan Wolverine Wellness, Janet Jansen, for a workshop to learn about how to balance graduate school life to find well-being.

**6:00 PM – 7:00 PM Social Hour**

Meet fellow polymer graduate students and chat in gathertown! Great opportunity to check out the space ahead of the poster sessions on Thursday!

## Thursday, October 21, 2021 Schedule

**8:30 - 8:45**      **Check-in**

**8:45 - 9:00**      **Opening**    **Jinsang Kim and Abdon Pena-Francesch,**  
University of Michigan

**9:00 - 9:40**      **Professor Xuanhe Zhao, Massachusetts Institute of Technology**  
*Magnetic Soft Robots* (Hosted by: Abdon Pena-Francesch)

**9:40 - 10:20**    **Professor Greg Tew, University of Massachusetts, Amherst**  
*Chemically Rich Macromolecules Inspired by Natural Proteins* (Hosted by: Zhan Chen)

**10:20 - 10:30**    **Break**

**10:30 - 11:00**    **Adam Crowe, PPG**  
*Improving Manufacturing Efficiencies and Safety for Lithium-Ion Batteries* (Hosted by: Zhan Chen)

**11:00 - 11:20**    **Jinghang Wu, BASF**  
*Development of BASF's new energy absorbing Polyurethane foam powering the Xenith LOOP-Top Rated Head Gear* (Hosted by: Jennie Paik )

**11:20 - 11:40**    **Shaun Ahn, Dow**  
*From Adhesives to 3D Printing: Applications of Room Temperature Alkylborane Radical Polymerization* (Hosted by: Cecilia Kinane)

**11:40 - 1:20**      **PPG Poster Session**    (Hosted by Jenni Paik)

**1:20 - 1:30**      **Break**

**1:30 - 1:50**      **Jeff Ting, 3M**  
*Advances in Materials Informatics for Industrial Applications in Chemistry, Materials Science, and Engineering* (Hosted by: Anthony Berardi)

**1:50 - 2:10**      **Seyyed Salili, Wacker**  
*The Role of Advanced Data Analytics in the Polymer Industry's R&D and Manufacturing* (Hosted by: Shuqing Zhang)

**2:10 - 2:30**      **Chris Cooper, Student Talk**  
(Hosted by: Cecilia Kinane)

**2:30 - 2:40**      **Break**

## Thursday, October 21, 2021 Schedule, continued

**2:40 - 3:20**            **Professor Jovan Kamcev, University of Michigan**

*Multifunctional Ion-Exchange Membranes for Simultaneous Water Desalination and Selective Solute Recovery* (Hosted by: Abdon Pena-Francesch)

**3:20 - 4:00**            **Professor Jeremiah Johnson, Massachusetts Institute of Technology (host: Anthony)**

Clipping bonds in plastics and gels: what can we learn by breaking down “infinite” molecules?  
(Hosted by: Anthony Berardi)

**4:00 - 4:40**            **Prof. Zhenan Bao, Stanford, Overberger Award Seminar**

*Skin-Inspired Organic Electronics* (Hosted by: Jinsang Kim)

**4:40 - 5:00**            **Closing & Awards Presentation**

(Hosted by: Jinsang Kim and Abdon Pena-Francesch)