

Sunday, August 19

8:30 – 9:00 AM Commonwealth Ballroom A, Westin Boston Waterfront
William Dichtel, CSP Senior Investigator (Northwestern), will present, “Rapid removal of organic micropollutants using porous cyclodextrin polymers.”

9:00 – 9:20 AM Carlton, Westin Boston Waterfront
Jacob Ishibashi, CSP Postdoctoral Researcher (Northwestern), will present, “Unconventional chemistries for vitrimers.”

9:40 – 10:05 AM Grand Ballroom B, Westin Boston Waterfront
Geoffrey Coates, CSP Senior Investigator (Cornell), will present, “New catalysts for stereoselective polymerization.”

10:35 – 10:50 AM Room 252A, Boston Convention & Exhibition Center
William Tolman, CSP Senior Investigator (UMN), will present, “Inorganic Chemistry Lectureship: Symposium in Honor of Leroy Cronin.”

10:35 – 11:05 AM Mediterranean, Renaissance Boston Waterfront
Christopher Cramer, CSP Senior Investigator (UMN), will present, “In quest of atomically precise catalysts for oxidative C-H bond activation supported in metal-organic frameworks.”

11:00 – 11:20 AM Room 256, Boston Convention & Exhibition Center
Jacob Ishibashi, CSP Postdoctoral Researcher (Northwestern), will present, “Systematic experimental investigation of BN acene isosteres.”

11:10 – 11:30 AM Room 254A, Boston Convention & Exhibition Center
Julia Kalow, CSP Seed Investigator (Northwestern), will present, “Photochemical methods for the synthesis of π -conjugated polymers.”

1:30 – 1:55 PM Harbor Ballroom II, Westin Boston Waterfront
Stuart Rowan, CSP Seed Investigator (Chicago), will present, “Synthesis of poly[n]catenanes.”

2:20 – 2:50 PM Room 103, Boston Convention & Exhibition Center
Jane Wissinger, CSP Senior Investigator (UMN), will present, “Green chemistry’s role in promoting safety.”

2:30 – 3:00 PM Commonwealth Ballroom C, Westin Boston Waterfront
Marc Hillmyer, CSP Principal Investigator (UMN), will present, “Oxidatively robust polymers for implantable biomedical devices.”

3:50 – 4:20 PM Commonwealth Ballroom B, Westin Boston Waterfront
Christopher Alabi, CSP Seed Investigator (Cornell), will present, “Structure-activity relationships of sequence-defined macromolecules.”

Monday, August 20

8:35 – 9:05 AM Commonwealth Ballroom B, Westin Boston Waterfront
Stuart Rowan, CSP Seed Investigator (Chicago), will present, “Developing routes to interlocked polymers.”

8:40 – 9:00 AM Grand Ballroom A, Westin Boston Waterfront
Keiichiro Nomura, CSP Visiting Scientist (UMN), will present, “Polyrotaxane blend toughened by movable crosslinked structure.”

8:45 – 9:00 AM Marina Ballroom III, Westin Boston Waterfront
Rui Ding, CSP Postdoctoral Research (UMN), will present, “Sustainable, photocurable acrylates based on natural phenolics for stereolithography 3D printing.”

10:30 – 11:00 AM Marina Ballroom III, Westin Boston Waterfront
Julia Kalow, CSP Seed Investigator (Northwestern), will present, “Reactivity-property relationships in photocontrolled polymer networks.”

11:30 – 12:00 PM Stone, Westin Boston Waterfront
William Dichtel, CSP Senior Investigator (Northwestern), will present, “Seeded growth of 2D COF single crystals.”

1:00 – 1:30 PM Carlton, Westin Boston Waterfront
Debbie Schniederma, CSP Postdoctoral Researcher (Chicago), will present, “Design and synthesis of adaptive dynamic covalent polymers.”

1:35 – 2:05 PM Commonwealth Ballroom C, Westin Boston Waterfront
Marc Hillmyer, CSP Principal Investigator (UMN), will present, “Postpolymerization modification of activated polyacrylamides.”

5:00 – 5:30 PM Commonwealth Ballroom C, Westin Boston Waterfront
Stuart Rowan, CSP Seed Investigator (Chicago), will present, “Bio-inspired nanocomposites.”

Tuesday, August 21

8:30 – 9:00 AM Commonwealth Ballroom C, Westin Boston Waterfront
Brett Fors, CSP Seed Investigator (Cornell), will present, “Using the higher moments of a polymer’s molecular weight distribution to tune properties.”

8:30 – 9:00 AM Carlton, Westin Boston Waterfront
William Dichtel, CSP Senior Investigator (Northwestern), will present, “Stress relaxation in urethane-containing polymer networks.”

8:35 – 9:05 AM Mahoney Ex:Change, Aloft Boston Seaport
Marc Hillmyer, CSP Principal Investigator (UMN), will present, “Renewable, degradable, and high-performing aliphatic polyester elastomers.”

9:00 – 9:30 AM Harbor Ballroom II, Westin Boston Waterfront
Stuart Rowan, CSP Seed Investigator (Chicago), will present, “Musings on an academic career - transitioning from small molecule organic chemistry to molecular engineering.”

1:30 – 2:00 PM Webster, Westin Boston Waterfront
Stuart Rowan, CSP Seed Investigator (Chicago), will present, “Photo-sensitive multi-responsive structurally dynamic polymers.”

1:30 – 2:00 PM Commonwealth Ballroom A, Westin Boston Waterfront
Marc Hillmyer, CSP Principal Investigator (UMN), will present, “Nanoporous materials from chemically fixed block polymers in the disordered state.”

3:10 – 3:35 PM Room 253C, Boston Convention & Exhibition Center
Brett Fors, CSP Seed Investigator (Cornell), will present, “Controlled cationic polymerizations regulated by light.”

3:30 – 4:00 PM Douglass, Westin Boston Waterfront
Christopher Cramer, CSP Senior Investigator (UMN), will present, “Some recent developments to accelerate and better characterize electronic excitation spectra from real-time time-dependent electronic structure theories.”

3:35 – 4:10 PM Room 153C, Boston Convention & Exhibition Center
Michelle Chang, CSP Senior Investigator (Berkeley), will present, “Synthetic biology approaches to biorthogonal chemistry.”

4:45 – 5:15 PM Grand Ballroom E, Westin Boston Waterfront
Emily Hoff, CSP Postdoctoral Researcher (Cornell), will present, “Sequence-controlled polyurethane networks.”

Wednesday, August 22

8:00 – 8:30 AM Grand Ballroom C, Westin Boston Waterfront
Brett Fors, CSP Seed Investigator (Cornell), will present, “Electrochemically controlled cationic polymerizations.”

8:00 – 8:30 AM Commonwealth Ballroom B, Westin Boston Waterfront
Stuart Rowan, CSP Seed Investigator (Chicago), will present, “Metallo-supramolecular polymers as a route to adaptive polymer films.”

8:30 – 8:50 AM Grand Ballroom C, Westin Boston Waterfront
Lilliana Morris, Graduate Student (Cornell), will present, “Bimetallic chromium catalysts with chain transfer agents: A new route to isotactic poly(propylene oxide)s with narrow dispersities.”

8:50 – 9:10 AM Grand Ballroom D, Westin Boston Waterfront
Xiaopeng Yu, CSP Graduate Student (Cornell), will present, “Less is more: An unexpected structure - property relationship in furan-based sustainable polymers.”

9:00 – 9:30 AM Commonwealth Ballroom B, Westin Boston Waterfront
William Dichtel, CSP Senior Investigator (Northwestern), will present, “High aspect ratio nanotubes assembled from macrocyclic iminium salts.”

9:10 – 9:30 AM Grand Ballroom C, Westin Boston Waterfront
Debbie Schneiderman, CSP Postdoctoral Researcher (Chicago), will present, “Convenient synthesis of redox responsive block polymers.”

9:20 – 9:40 AM Hale, Westin Boston Waterfront
Jacob Trotta, CSP Graduate Student (Cornell), will present, “Renewable thermosets and thermoplastics from itaconic acid.”

9:40 – 10:00 AM Room 259A, Boston Convention & Exhibition Center
Leilei Xiao, Graduate Student (Northwestern), will present, “Sequestering PFOA at environmentally relevant concentrations by a β -cyclodextrin polymer network.”

9:50 – 10:10 AM Waterfront Ballroom 3, Seaport World Trade Center
Jane Wissinger, CSP Senior Investigator (UMN), will present, “Bismuth subsalicylate as a green catalyst for ROTEP polymerizations in the teaching lab.”

11:15 – 11:45 AM Commonwealth Ballroom C, Westin Boston Waterfront
Stuart Rowan, CSP Seed Investigator (Chicago), will present, “Investigating new sources for and applications of cellulose nanocrystals.”

11:25 – 11:45 AM Waterfront Ballroom 3, Seaport World Trade Center
Jane Wissinger, CSP Senior Investigator (UMN), will present, “Green chemistry ACS-CPT supplement: Preparing students to meet the grand challenges of sustainability.”

1:30 – 2:00 PM Burroughs, Westin Boston Waterfront
Marc Hillmyer, CSP Principal Investigator (UMN), will present, “Functional nanostructures through polymerization induced microphase separation.”

1:30 – 2:00 PM Room 153B, Boston Convention & Exhibition Center
Michelle Chang, CSP Senior Investigator (UC Berkeley), will present, “Engineering new pathways for fluorinated natural products.”