

BLOCK SCHEDULE for RMC 2010

Wed. June 23	Thurs. June 24	Fri. June 25	Sat. June 26
<p>Arrival through the day Checkin at North Residence Hall D</p>	<p>8:30 AM Welcome Session chair – Tantillo 8:35 AM Mallory 9:30 AM Yu 10:25 AM Break Second session chair - Merrer 10:45 AM <i>Short Talk</i> - Masson 11:05 AM Harbron 12:00 N Chen</p>	<p>Session Chair – Toscano 8:30 AM Metz 9:25 AM Murcko 10:20 AM Break 10:40 AM <i>Short Talk</i> - Aprahamian 11:00 AM Carpenter 12:15 N Excursion (box lunch)</p>	<p>Session Chair – McMahon 8:30 AM Hadad 9:25 AM Kohler 10:20 AM Break 10:40 AM <i>Short Talk</i> - Pinhas 11:00 AM Frontier 12:00 N Lunch</p>
<p>Registration (2-7 PM Wed, and on Thursday morning)</p>	<p>1:00 PM Lunch 2:30 PM Open for rump sessions, etc. 3:30 PM Formal Poster I</p>	<p>1:00 PM Lunch for others Afternoon free time</p>	<p>Session Chair – Larry Scott 1:30 PM Guan 2:30 PM Open for rump sessions, etc. 3:30 PM Formal Poster II</p>
<p>7:00 PM Welcome Session Chair – Sheridan 7:10 PM Goroff 8:05 PM <i>Short talk</i> - Lemal 8:25 PM Forbes 9:20 PM Reception, Informal Poster Session</p>	<p>Session chair – Poole 7:00 PM Vaida 7:55 PM <i>Short Talk</i> - Aue 8:15 PM Borden 9:10 PM Reception, Informal Poster Session</p>	<p>7:30 PM JPOC Intro – Lambert Session Chair – Lambert 7:40 PM <i>JPOC Award Talk</i>, Bendikov 8:40 PM Silverman 9:35 PM Reception for JPOC Award</p>	<p>BERSON SESSION Session Chair – Platz 6:55 Greenberg, Intro 7:00 Carpenter 7:30 Bergman 8:15 Dervan 9:00 Dougherty 9:45 Reception</p>

Wednesday 23 June 2010**Arrival and Registration**

2:00 PM – 7:00 PM

*All on-campus housing checkin (North Residential Area Building D)**For all registered attendees wanting to park for free on campus at Lot 44, pick up pass at North Residential Area Building D (except campus hotel registrants, who automatically get parking garage passes)**Registration (Integrated Sciences Building [ISB] foyer)***Evening Session I: Robert S. Sheridan, Chair** (ISB 135)

7:00 PM Welcome

Paul M. Lahti, *RMC 2010 Local Organizer, University of Massachusetts Amherst*Robert Sheridan, *RMC 2010 Program Chair, University of Nevada Reno*7:10 PM Nancy Goroff, *Stony Brook University***T-1. Bare Carbon Wires: Polyynes and Polydiacetylenes**8:05 PM David Lemal, *Dartmouth College***P-1. Novel Chemistry of Hexafluorobicyclo[1.1.0]butane**8:25 PM Malcolm Forbes, *University of North Carolina***T-2. Fun Facts About Triplet States: Photochemistry and Reactive Intermediates in Organic Nanocrystals****Reception and Informal Poster Session** (*ISB foyer and hallways*)

9:20 PM – 11:00 PM

Thursday 24 June 2010**Registration**

7:30 AM – 11:30 AM

*All on-campus housing checkin (North Residential Area Building D)**For all registered attendees wanting to park for free on campus at Lot 44, pick up pass at North Residential Area Building D (except campus hotel registrants, who automatically get parking garage passes)**Registration (Integrated Sciences Building [ISB] foyer)**(for all times after noon today, register at Campus Center 9th floor)***Morning Session I: Dean Tantillo, Chair** (ISB 135)

8:30 AM Welcoming Remarks

Edward G. Voigtman, *Chemistry Department Associate Head, University of Massachusetts Amherst*Robert Sheridan, *RMC 2010 Program Chair, University of Nevada Reno*8:35 AM Frank Mallory, *Bryn Mawr College***T-3. Deep-Seated Rearrangements in the Photocyclizations of Some Stilbene Derivatives**9:30 AM Zhi-Xiang Yu, *Beijing University***T-4. Water Catalysis in [1,n]-Hydrogen Shifts****Break** (*ISB Foyer*)

10:25 AM

Morning Session II: Dina Merrer, Chair (ISB 135)10:45 AM Eric Masson, *Ohio University***P-2. Self-organizing properties of Cucurbituril Cavitands: A Mechanistic Adventure into the Chemistry of Interlocked Structures**11:05 AM Elizabeth Harbron, *The College of William and Mary***T-5. Fluorescence Modulation in Photochromic Conjugated Polymer Systems**12:00 N Peter Chen, *Eidgenössische Technische Hochschule (ETH), Switzerland***T-6. Ruthenium, Rhenium and Gold Carbenes****Lunch** (*Worcester Dining Commons*)

1:00 PM Use UMass meal card provided as part of registration

Afternoon Session (*ISB foyer and hallways*)

2:30 PM Ad hoc sessions

3:30 PM Poster Session I (Odd numbered posters)

Evening Session: James S. Poole, Chair (ISB 135)7:00 PM Veronica Vaida, *University of Colorado Boulder***T-7. Water and Photon Mediated Chemistry in the Earth's Atmosphere**7:55 PM Donald Aue, *University of California Santa Barbara***P-3. Bifurcation on Reaction Pathways for Pinacol-type Rearrangements**8:15 PM Weston T. Borden, *University of North Texas***T-8. Tunneling by Hydrogen and By Carbon in Organic Reactions -- Calculations Tell Experimentalists Where to Look and What to Look For****Reception and Informal Poster Session** (*ISB foyer and hallways*)

9:10 PM – 11:00 PM

Friday 25 June 2010**Morning Session I: John Toscano Chair** (ISB 135)8:30 AM Ricardo Metz, *University of Massachusetts Amherst***T-9. Methane Activation by M⁺ and MO⁺: Electronic and Vibrational Spectroscopy of Reaction Intermediates**9:25 AM Mark A. Murcko, *Vertex Pharmaceuticals Inc.***T-10. Clawing Our Way Back from the Abyss****Break** (*ISB Foyer*)

10:20 AM

Morning Session II: John Toscano Chair (ISB 135)10:40 AM Ivan Aprahamian, *Dartmouth College***P-5. E/Z Isomerization in a Hydrazone-Based Molecular Switch**11:00 AM Barry Carpenter, *Cardiff University***T-11. Design of Renewable Amines for Photochemical Reduction of CO₂****Excursion (pre-registration required; space limitations)**12:15 PM Bus leaves from front of North Residence Building D
Box lunches provided for all registered excursion participants**Lunch** (*Worcester Dining Commons*)

1:00 PM Use UMass meal card provided as part of registration

Afternoon Unscheduled free time**Evening Session: Joseph Lambert, Chair** (ISB 135)7:30 PM Joseph Lambert, *Northwestern University***Introduction for *Journal of Physical Organic Chemistry* Award for Early Excellence in the Field of Physical Organic Chemistry, 2010**7:40 PM Michael Bendikov, *Weizmann Institute*
2010 JPOC Award Lecture**T-12. Novel Types of Organic Electronic Materials. Polyselenophenes and Oligofurans**8:40 PM Scott Silverman, *University of Illinois Urbana-Champaign***T-13. DNA as a Catalyst: New Reactions and Mechanistic Questions****Reception in honor of *Journal of Physical Organic Chemistry* Award (*University Club*)**

9:35 PM – 11:00 PM

Saturday 26 June 2010**Morning Session I: Robert McMahon, Chair** (ISB 135)8:30 AM Christopher Hadad, *The Ohio State University***T-14. Computational Investigations into Organometallic and Macromolecular Catalysts: Conformational and Mechanistic Analyses**9:25 AM Bern Kohler, *Montana State University***T-15. Base Sequence Effects on DNA Photophysics and Photochemistry****Break** (*ISB Foyer*)

10:20 AM

Morning Session II: Robert McMahon, Chair (ISB 135)10:40 AM Allan Pinhas, *University of Cincinnati***P-6. Chemistry in Water: Coupling Reactions Using Fenton's Reagent**11:00 AM Alison Frontier, *University of Rochester***T-16. Reactions of Pentadienyl and Oxyallyl cations: Rearrangements and the Nazarov Cyclization**

Lunch

12:00 N

(Worcester Dining Commons)

Use UMass meal card provided as part of registration

RMC Board Meeting

1:00–2:00 PM*(ISB 145)***Afternoon Session: Larry Scott, Chair**

1:30 PM

Zhibin Guan, *University of California Irvine**(ISB 135)***T-17. Catalytic Covalent Assembly toward Functional Soft Nanomaterials**

2:30 PM

Ad hoc sessions

3:30 PM

Poster Session II (Even numbered posters) *(ISB foyer and hallways)***Evening Session Honoring Jerome A. Berson: Matthew S. Platz, Chair***(ISB 135)*

6:55 PM

Marc Greenberg, *Johns Hopkins University***Introduction**

7:00 PM

Barry Carpenter, *Cardiff University***Jerome Berson: History, Science and Philosophy**

7:30 PM

Robert Bergman, *University of California Berkeley***T-18. Selective Stoichiometric and Catalytic Reactions in Water-Soluble Host-Guest Supramolecular Systems**

8:15 PM

Peter B. Dervan, *California Institute of Technology***T-19. Regulation of Gene Expression by Synthetic DNA Binding Ligands**

9:00 PM

Dennis A. Dougherty, *California Institute of Technology***T-20. Physical Organic Chemistry on the Brain: Understanding the Nicotine Receptor****Reception**

9:45 PM – 11:30 PM

*(University Club)***Sunday 27 June 2010****Checkout***(North Residential Area Building D)*