### Spring 2010 Seminar and Colloquium Speakers

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Location</th>
<th>Speaker(s)</th>
<th>Institution</th>
<th>Host(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday, February 10, 2010</td>
<td>4:00 P.M.</td>
<td>219 Brown Laboratory</td>
<td>Professor Gordon Miller</td>
<td>Iowa State University, Department of Chemistry</td>
<td>Svilen Bobev <a href="mailto:bobev@udel.edu">bobev@udel.edu</a></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td><em>Intermetallic Magnets: From Itinerant Magnetism to Magnetic Refrigeration</em></td>
<td><a href="mailto:gmiller@iastate.edu">gmiller@iastate.edu</a></td>
<td><a href="http://www.chem.iastate.edu/group/miller/">http://www.chem.iastate.edu/group/miller/</a></td>
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<tr>
<td>Monday, February 15, 2010</td>
<td></td>
<td></td>
<td>Professor Andrew Rappe</td>
<td>University of Pennsylvania, Department of Chemistry</td>
<td>Andrew Teplyakov <a href="mailto:andrewt@udel.edu">andrewt@udel.edu</a></td>
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<tr>
<td></td>
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<td><em>New materials for solar photovoltaic applications</em></td>
<td><a href="mailto:rappe@sas.upenn.edu">rappe@sas.upenn.edu</a></td>
<td><a href="http://www.chem.upenn.edu/chem/research/faculty.php?id=32">http://www.chem.upenn.edu/chem/research/faculty.php?id=32</a></td>
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<tr>
<td>Wednesday, February 17, 2010</td>
<td></td>
<td></td>
<td>Professor Don M. Coltart</td>
<td>Duke University, Department of Chemistry</td>
<td>Joseph Fox <a href="mailto:jmfox@udel.edu">jmfox@udel.edu</a></td>
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<tr>
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<td><em>Leveraging the Reactivity of Thioesters and Activated Hydrazones in the Development of New Synthetic Methods: Applications to Natural Product Synthesis</em></td>
<td><a href="mailto:don.coltart@duke.edu">don.coltart@duke.edu</a></td>
<td><a href="http://www.chem.duke.edu/labs/coltart/">http://www.chem.duke.edu/labs/coltart/</a></td>
</tr>
<tr>
<td>Monday, February 22, 2010</td>
<td></td>
<td></td>
<td>Dr. Antonina Roll-Mecak</td>
<td>University of Pennsylvania, Department of Chemistry</td>
<td>Tatyana Polenova <a href="mailto:tpolenov@udel.edu">tpolenov@udel.edu</a></td>
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<tr>
<td></td>
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<td><em>Molecular Dissection of Microtubule Severing</em></td>
<td><a href="mailto:antoninarm@gmail.com">antoninarm@gmail.com</a>, <a href="mailto:dorseyde@ninds.nih.gov">dorseyde@ninds.nih.gov</a></td>
<td><a href="http://www.nih.gov/">http://www.nih.gov/</a></td>
</tr>
<tr>
<td>Monday, March 1, 2010</td>
<td></td>
<td>101 Brown Laboratory</td>
<td>Professor Louis Brus</td>
<td>Columbia University, Department of Chemistry</td>
<td>Andrew Teplyakov <a href="mailto:andrewt@udel.edu">andrewt@udel.edu</a></td>
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<td><em>Optical Properties of Carbon Nanotubes and Single Sheet Graphene</em></td>
<td><a href="mailto:leb2@columbia.edu">leb2@columbia.edu</a></td>
<td><a href="http://www.columbia.edu/cu/chemistry/fac-bios/brus/group/index.html">http://www.columbia.edu/cu/chemistry/fac-bios/brus/group/index.html</a></td>
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<tr>
<td>Wednesday, March 3, 2010</td>
<td></td>
<td></td>
<td>Professor Tom Driver</td>
<td>University of Illinois at Chicago, Department of Chemistry</td>
<td>Donald P. Watson <a href="mailto:dwatson@udel.edu">dwatson@udel.edu</a></td>
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<td><em>Transition Metal-Catalyzed Synthesis of N-Heterocycles from Azides</em></td>
<td><a href="mailto:tgd@uic.edu">tgd@uic.edu</a></td>
<td><a href="http://www.chem.uic.edu/driver/index.html">http://www.chem.uic.edu/driver/index.html</a></td>
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<tr>
<td>Friday, March 5, 2010</td>
<td></td>
<td></td>
<td>Professor John Dueber</td>
<td>University of California at Berkeley, Department of Bioengineering</td>
<td>Harold White <a href="mailto:halwhite@udel.edu">halwhite@udel.edu</a></td>
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<td><em>Engineering Modular Control Over Signaling and Metabolic Pathways - Cosponsored by HHMI and Bioengineering</em></td>
<td><a href="mailto:jdueber@berkeley.edu">jdueber@berkeley.edu</a></td>
<td><a href="http://bioeng.berkeley.edu/cv/jdueber.php">http://bioeng.berkeley.edu/cv/jdueber.php</a></td>
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<tr>
<td>Monday, March 8, 2010</td>
<td></td>
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<td>Professor Eva Meirovitch</td>
<td>Bar-Ilan University, The Mina &amp; Everard Goodman Faculty of Life Sciences</td>
<td>Tatyana Polenova <a href="mailto:tpolenov@udel.edu">tpolenov@udel.edu</a></td>
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<tr>
<td></td>
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<td><em>Structural Dynamics of Proteins by NMR: the Slowly Relaxing Local Structure</em></td>
<td><a href="mailto:eva@nrmsgi5.lsbu.ac.il">eva@nrmsgi5.lsbu.ac.il</a></td>
<td><a href="http://www.biu.ac.il/LS/People/staff/meirovitch.html">http://www.biu.ac.il/LS/People/staff/meirovitch.html</a></td>
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Spring 2010 Seminar and Colloquium Speakers
4:00 P.M. * 219 Brown Laboratory (unless otherwise stated)

**Wednesday, March 10, 2010**  
**Colloquium (101 Brown Laboratory)**  
Hosted by: Charles Riordan riordan@udel.edu

**Professor William B. Tolman**  
University of Minnesota, Department of Chemistry  
*Using Synthetic Chemistry to Understand Copper Protein Active Sites*

wtolman@umn.edu | http://www.chem.umn.edu/groups/tolman/

**Friday, March 12, 2010**  
**Colloquium (101 Brown Laboratory)**  
Hosted by: Klaus Theopold theopold@udel.edu

**Professor Brian Bahnson**  
University of Delaware, Department of Chemistry and Biochemistry  
*TBA*

bahnson@udel.edu | http://www.udel.edu/chem/bahnson/

**Monday, March 15, 2010**  
**TBA**  
Hosted by: Andrew Teplyakov andrewt@udel.edu

**Professor Yuguang Cai**  
University of Kentucky, Department of Chemistry  
*The Protein Pattern Controlled Fabrication of Nanowires from a DNA Scaffold*

YuguangCai@uky.edu | http://www.chem.uky.edu/research/cai/index.htm

**Wednesday, March 17, 2010**  
**Colloquium (101 Brown Laboratory)**  
Hosted by: Donald P. Watson dwatson@udel.edu

**Professor Matt Meyer**  
University of California, Merced, School of Natural Sciences  
*Using Occam’s Razor in a Bar Fight: Simple Conclusions from Complex Reactions*

mmeyer@ucmerced.edu | http://qsb.ucmerced.edu/faculty/mmeyer/

**Monday, April 5, 2010**  
**TBA**  
Hosted by: Sandeep Patel spatel@mail.chem.udel.edu

**Professor Shekhar Garde**  
Rensselaer Polytechnic Institute, Department of Chemical & Biological Engineering  
*TBA*

gardes@rpi.edu | http://www.rpi.edu/~gardes

**Wednesday, April 7, 2010**  
**TBA**  
Hosted by: Neal Zondlo zondlo@chem.udel.edu

**Professor Lara Mahal**  
New York University, Department of Chemistry  
*TBA*

lkmahal@nyu.edu | http://chemistry.fas.nyu.edu/object/laramahal.html

**Friday, April 9, 2010**  
**TBA**  
Hosted by: Zhihao Zhuang zhuang@mail.chem.udel.edu

**Professor Todd Washington**  
University of Iowa, Carver College of Medicine  
*TBA*

todd-washington@uiowa.edu | http://www.medicine.uiowa.edu/CCOM/index.html

**Monday, April 12, 2010**  
**TBA**  
Hosted by: Sandeep Patel spatel@mail.chem.udel.edu

**Professor Themis Lazaridis**  
City College of New York, Department of Chemistry  
*TBA*

tlazaridis@ccny.cuny.edu | http://mingus.sci.ccny.cuny.edu/

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## Spring 2010 Seminar and Colloquium Speakers

4:00 P.M. * 219 Brown Laboratory  *(unless otherwise stated)*

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<th>Date</th>
<th>Time</th>
<th>Location</th>
<th>Host</th>
<th>Speaker</th>
<th>Email</th>
<th>Website</th>
</tr>
</thead>
</table>
| Wednesday, April 14, 2010 |        |                        | Hosted by: Klaus Theopold theopold@udel.edu | Professor Robert Crabtree  
Yale University, Department of Chemistry  
TBA | Professor Robert Crabtree  
robert.crabtree@yale.edu | http://www.chem.yale.edu/~crabtree/ Crabtree_Group_Website/ Crabtree_Group.html |
| Friday, April 16, 2010   |        |                        | Hosted by: Zhihao Zhuang zhuang@mail.chem.udel.edu | Professor Phil Cole  
Johns Hopkins University, Pharmacology  
Targeting acyltransferases in cancer and metabolism  
Wriston Lecturer | Professor Phil Cole  
pcole@jhmi.edu | http://www.hopkinsmedicine.org/pharmacology/research/cole.html |
| Monday, April 19, 2010   |        |                        | Hosted by: Tatyana Polenova tpolenov@udel.edu | Professor Richard Mendelsohn  
Rutgers The State University of New Jersey, Department of Chemistry  
Vibrational Spectroscopy, Microscopy and Imaging: Applications to Skin Biophysics, Pharmacology, and Wound Healing | Professor Richard Mendelsohn  
mendelso@rutgers.edu | http://chemistry.rutgers.edu/mendelsohn/ |
| Wednesday, April 21, 2010 |        | **Colloquium (101 Brown Laboratory)** | Hosted by: Joseph Fox jmfox@udel.edu | Professor Jeffrey Bode  
University of Pennsylvania, Department of Chemistry  
TBA | Professor Jeffrey Bode  
bode@sas.upenn.edu | http://www.bodegroup.org/ |
| Friday, April 23, 2010   |        |                        | Hosted by: Brian Bahnson bahnson@chem.udel.edu | Professor Andrei L. Lomize  
University of Michigan, College of Pharmacy  
Anisotropic solvent model of the lipid bilayer for simulating peptides and proteins in membranes | Professor Andrei L. Lomize  
almz@umich.edu | http://mosberglab.phar.umich.edu/people/AndreiLLomize.php |
| Monday, April 26, 2010   |        |                        | Hosted by: Sandeep Patel spatel@mail.chem.udel.edu | Dr. Gerhard Hummer  
National Institutes of Health, National Institute of Diabetes and Digestive and Kidney  
TBA | Dr. Gerhard Hummer  
hummer@helix.nih.gov | http://www2.niddk.nih.gov/NIDDKLabs/ IntramuralFaculty/HummerGerhard.htm |
| Wednesday, April 28, 2010 |        |                        | Hosted by: Klaus Theopold theopold@udel.edu | Professor Roy Periana  
The Scripps Research Institute, Scripps Energy Laboratories  
TBA | Professor Roy Periana  
rperiana@scripps.edu | http://www.scripps.edu/research/faculty.php?rec_id=60973 |
| Friday, April 30, 2010   |        |                        | Hosted by: Zhihao Zhuang zhuang@mail.chem.udel.edu | Professor Keith D. Wilkinson  
Emory university, School of Medicine  
Modulation of prion formation by the ubiquitin proteasome system and actin cytoskeleton | Professor Keith D. Wilkinson  
genekdw@emory.edu | http://www.biochem.emory.edu/labs/genekdw/ |

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**4:00 P.M. * 219 Brown Laboratory (unless otherwise stated)**

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<tbody>
<tr>
<td>Monday, May 3, 2010</td>
<td></td>
<td></td>
<td><strong>Professor Scott Feller</strong>&lt;br&gt;Wabash University, Department of Chemistry&lt;br&gt;Unique properties of omega-3 fatty acids: implications for rhodopsin function</td>
<td>Sandeep Patel <a href="mailto:spatel@mail.chem.udel.edu">spatel@mail.chem.udel.edu</a></td>
</tr>
<tr>
<td>Wednesday, May 5, 2010</td>
<td></td>
<td></td>
<td><strong>Professor Michael Rubin</strong>&lt;br&gt;Kansas University, Department of Chemistry&lt;br&gt;TBA</td>
<td>Joseph Fox <a href="mailto:jmfox@udel.edu">jmfox@udel.edu</a></td>
</tr>
<tr>
<td>Monday, May 10, 2010</td>
<td></td>
<td></td>
<td><strong>Professor David A. Case</strong>&lt;br&gt;Rutgers University, BioMaPS Institute and Dept. of Chemistry and Chemical Biology&lt;br&gt;Simulating biomolecules with implicit solvent models</td>
<td>Sandeep Patel <a href="mailto:spatel@mail.chem.udel.edu">spatel@mail.chem.udel.edu</a></td>
</tr>
<tr>
<td>Wednesday, May 12, 2010</td>
<td></td>
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<td><strong>Professor Ashton Cropp</strong>&lt;br&gt;University of Maryland, Department of Chemistry and Biochemistry&lt;br&gt;TBA</td>
<td>John Koh <a href="mailto:johnkoh@udel.edu">johnkoh@udel.edu</a></td>
</tr>
<tr>
<td>Monday, May 17, 2010</td>
<td></td>
<td>Colloquium (101 Brown Laboratory)</td>
<td><strong>Professor Karl Booksh</strong>&lt;br&gt;University of Delaware, Department of Chemistry and Biochemistry&lt;br&gt;TBA</td>
<td>Klaus Theopold <a href="mailto:theopold@udel.edu">theopold@udel.edu</a></td>
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