Department of Chemical and Biomolecular Engineering

Fall 2010 Seminar Series

August 24
John Prados, UTK, Chemical and Biomolecular Engineering
“OSHA/TOSHA/UTCBE: Alphabet Soup and the Chemical & Biomolecular Engineering Department’s Chemical Hygiene Plan”

August 31
Patrick Cirino, Penn State University, Chemical Engineering
“Design and Applications of Novel Regulatory Proteins as Molecular Reporters in High Throughput Screening”

September 7
Bobby Sumpter, ORNL, CCS Group, CSM
“Computational and Theoretical Studies of Energy Storage and Conversion”

September 14
Robert Collins, ORNL, NST Division
“Electrohydrodynamic Tip-Streaming: Emission of Charged Jets/Drops from Liquid Cones”

September 21
Ifeyinwa Iwuchukwu, UTK, Chemical and Biomolecular Engineering
“Protein Engineering for Enhanced Photo-Production of Hydrogen by Cynaobacterial Photosystem I”

September 28
Dibyendu Mukherjee, UTK, Chemical and Biomolecular Engineering
“Photosystem I for Bio-Hybrid Photovoltaic Devices-Towards Sustainable Green Energy”

October 5
Mark Tuckerman, New York University, Chemistry
“Exploring the Free Energy Landscape of Biomolecules and Crystalline Polymorphs”
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<th>Date</th>
<th>Speaker</th>
<th>Affiliation</th>
<th>Title</th>
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<tbody>
<tr>
<td>October 12</td>
<td>Pat Doyle, MIT, Chemical Engineering</td>
<td>“Microfluidic Materials Processing to Create Functional Microparticles”</td>
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<td>October 19</td>
<td>Peter Pintauro, Vanderbilt University, Chemical and Biomolecular Engineering</td>
<td>“New Membrane Morphologies for Improved Fuel Cell Operation”</td>
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<td>November 2</td>
<td>Robert Moore, Virginia Tech., Chemistry</td>
<td>“Morphological Control in Semi-Crystalline Ionomers”</td>
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<td>November 16</td>
<td>Vinod Labhasetwar, Cleveland Clinic, College of Medicine</td>
<td>“Nanomedicine: Basic to Translational”</td>
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<td>November 23</td>
<td>Lawrence Pratt, Tulane University, Chemical Engineering</td>
<td>“Challenges of Understanding Molecular Liquids for Technological Problems of Our Future”</td>
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