<table>
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<tr>
<th>Date</th>
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<tr>
<td>January 21</td>
<td>No Seminar</td>
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| January 26 | **Millicent Sullivan**  
TUESDAY 4:00 pm  
PHAR S538  
hosted by the Department of Medicinal & Natural Products Chemistry “Unlocking Personalized Medicines through Nanocarrier Design” Associate Professor of Chemical & Biomolecular Engineering University of Delaware |
| January 28 | **Buddy Ratner**  
THURSDAY 3:30 pm  
PBB W151  
2014-2015 Karl Kamermeyer Lecture  
“Biomaterials : Biocompatibility : Tissue Engineering — A Close Family of Ideas” Joint Professor of Bioengineering and Chemical Engineering University of Washington |
| February 4 | **Spyros Pandis**  
THURSDAY 3:30 pm  
PBB W151  
2015-2016 Karl Kamermeyer Lecture  
“Atmospheric Evolution and Chemical Aging of Organic Particulate Matter.” Professor of Chemical Engineering  
Carnegie Mellon University and University of Patras |
| February 12| **Karen Wooley**  
FRIDAY 2:30 PM  
104 IATL  
Nanoscience and Nanotechnology Institute Winter Symposium  
“Translation of Fundamental Chemistry to Functional Nanoscopic Macromolecules Designed for Advanced Applications”  
W.T. Doherty-Welch Foundation Professor of Chemistry Texas A & M University |
| February 18| **3MT: Three Minute Thesis competition**  
Three-minute presentations by all CBE graduate students in 4th year or above |
| February 25| No Seminar                                                            |
| March 3    | **Nathan Janechek**  
“Title.”  
Doctoral Candidate in Chemical & Biochemical Engineering University of Iowa |
| March 10   | **Haydar Alalwan**  
“Fundamental Insight into Chemical Looping Combustion - Methane Reaction on Metal Oxide Nanoparticles”  
Doctoral Candidate in Chemical & Biochemical Engineering University of Iowa |
| March 17   | No Seminar                                                            |
| March 24   | **Can Dong**  
“Title.”  
Doctoral Candidate in Chemical & Biochemical Engineering University of Iowa |
March 31  Sara Scheib and Marina Zhang  
“Overview of Research Data Management.” Sciences and Engineering Librarians University of Iowa

April 7  TBD  
THURSDAY  5:00 pm  
TBD  
Tau Beta Pi Scholz Symposium  
“Title.” Position Institution

April 14  Joaquín Rodríguez-López  
“Title.”  
Assistant Professor of Chemistry University of Illinois—Urbana-Champaign

April 21  James Buccholz  
“Title.”  
Associate Professor of Mechanical and Industrial Engineering University of Iowa

April 28  Steven Maldonado  
“Title.”  
Associate Professor of Chemistry University of Michigan

May 5  Jean-Philippe Tessonnier  
“Heterogeneous Catalyst Design for Biomass Conversion in the Condensed Phase.”  
Assistant Professor of Chemical & Biological Engineering Iowa State University

May 12  No Seminar

**Attendance Policy for CBE:5000:**  
Students registered for CBE:5000 are expected to attend all of the seminars listed above, though it is understood that personal or professional obligations may cause a student to miss one seminar. Any absence beyond one seminar must be made up by reading a couple papers by the speaker the student missed, then writing a 2-3 page single-spaced, referenced report on the speaker’s research. Describe the purpose of the research, what the researchers were studying, what types of experiments were performed and what information and/or conclusions were drawn from the experiments. Also describe, in your opinion, the next steps that should be taken or the next experiments that should be conducted in this research project, explaining what new information this future research would provide. Students missing a seminar in order to attend a professional conference may write a 1-2 page single-spaced report on one or two of the best talks which they attended at the conference to make up the corresponding seminar absence. Contact the CBE:5000 instructor for any questions regarding course policies.