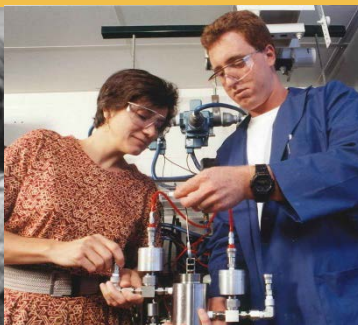
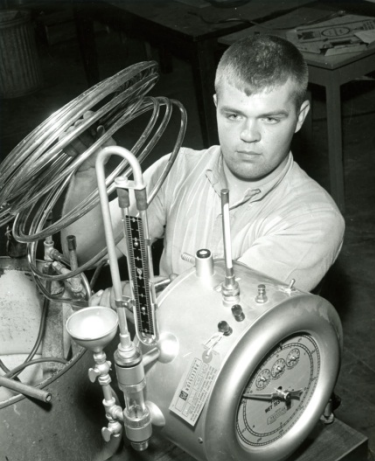


Centennial Graduate Seminar Series



2013-2014

www.cbe.iastate.edu/events



IOWA STATE UNIVERSITY
Department of Chemical and Biological Engineering

2114 Sweeney Hall
Ames, IA 50011-2230



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| DATE | SPEAKER | TITLE |
|--------------|---|---|
| September 12 | Harvinder Gill Texas Tech University | "Engineering Micro- and Nanosystems for Mucosal Vaccination" |
| September 19 | Bryan Pivovar National Renewable Energy Laboratory | "Past, Current, and Future Research in Polymer Electrolyte Fuel Cells" |
| October 3 | Michael Janik Pennsylvania State University Wilkinson Lecture | "A Molecular View of Electrocatalysis through Computational Chemistry: Fuel Cells and CO ₂ Electroreduction" |
| October 10 | Erik Hagberg Archer Daniels Midland R&D | "Renewable Feedstocks for the Chemical Industry" |
| October 17 | Vikas Berry Kansas State University | "Graphene, a 2D Network of Carbon Atoms: Properties and Applications of Graphene Quantum Materials and Graphene-Encased Biological Cells" |
| October 24 | Yi Tang University of California, Los Angeles | "Engineering <i>E. Coli</i> for Synthesis of Blockbuster Pharmaceuticals" |
| October 31 | Duane Johnson Ames Laboratory, USDOE | "Discovery and Design of Tunable Heterogeneous Catalysts: Intermetallic Line Compounds Versus Alloyed Nanoparticles" |
| November 14 | Efrosini Kokkoli University of Minnesota Stanley Lecture | "Design of Peptide- and Aptamer-Amphiphiles for Receptor-Targeted Therapeutics" |
| November 21 | Joan Brennecke University of Notre Dame L.K. Doraiswamy Lecture | "Applications of Ionic Liquids in the Energy Field" |
| December 12 | Susannah Scott University of California, Santa Barbara Mike and Jean Steffenson Lecture | "Design of Porous Catalysts for Activity, Selectivity and Stability in the Continuous Processing of Bio-Derived Feedstocks" |
| March 13 | Brian Pflieger University of Wisconsin-Madison | TBA |
| March 27 | Tatiana Segura University of California, Los Angeles | "Hydrogel Scaffolds for Gene Delivery and Stem Cell Transplantation" |
| April 17 | Alexander Katz University of California, Berkeley | "The Homogenization of Heterogeneous Catalysis: Reactivity of Single Sites on Surfaces That Have No Parallel in Solution" |
| April 24 | Jennifer West Duke University Balloun Lecture | "Biomimetic Materials for Tissue Engineering" |

Seminars will be held at 11 a.m. in 171 Durham.
All seminars are held on Thursdays.