

# CHEMICAL ENGINEERING

## DISTINGUISHED SEMINAR SERIES

Samuel Ginn College of Engineering  
Auburn University

- January 27**      **Basore Distinguished Lecture: "Novel Solvents for Sustainable Technology"**  
Professor Charles Eckert  
Georgia Institute of Technology
- February 3**      **Basore Distinguished Lecture: "Hydrogen Storage at Ambient Temperature by Hydrogen Spillover"**  
Professor Ralph Yang  
University of Michigan
- February 10**      **Basore Distinguished Lecture: "Coal and Biomass to Liquid Fuels and Power"**  
Professor James Katzer  
Iowa State University
- March 3**      **Basore Distinguished Lecture: "Chemical and Biological Microsystems for Discovery and Development"**  
Professor Klavs Jensen  
Massachusetts Institute of Technology
- March 9**      **Basore Distinguished Lecture: "Catalytic Conversion of Biomass to Fuels and Chemicals"**  
Professor Jim Dumesic  
University of Wisconsin
- March 26**      **Ginn Distinguished Lecture: "The Renewable Fuel Challenge: Harnessing the Power of the Sun"**  
Dr. James Trainham  
Executive Vice President, Sundrop Fuels
- April 15**      **Ginn Distinguished Lecture: "Nanoparticle Cancer Therapeutics: From Concept to Clinic"**  
Professor Mark Davis  
California Institute of Technology
- April 21**      **Ginn Distinguished Lecture: "Glasses and Gels in Suspensions of Anisotropic Particles"**  
Professor Charles Zukoski  
University of Illinois

# CHEMICAL ENGINEERING

## seminar series

Spring 2010

### The Samuel Ginn College of Engineering

Auburn University has been offering engineering courses since 1872 and has a long and rich tradition of excellence in education and research. Undergraduate engineering enrollment for fall 2009 is 3,598 and graduate 754.

The Samuel Ginn College of Engineering:

- Comprises the largest engineering program in the state of Alabama and is the university's largest college (in terms of enrollment)
- Produces about half of the state's engineering graduates
- Awards more than \$1 million in scholarships annually
- Conducts approximately half of the university's \$71 million in annual research and ranks 37th nationally in research expenditures
- Maintains an aggressive campaign to update and expand classroom and laboratory facilities, including the renovations of landmark Ross Hall and Wilmore Laboratories and the new \$108 million Shelby Center to advance engineering technology in a variety of disciplines
- Houses nine departments offering 13 majors and 12 research centers and is a nationally recognized leader in three of Auburn University's seven "Peaks of Excellence" primary research areas
  - Information technology
  - Detection and food safety
  - Transportation
- Is represented by more than 30,000 Auburn Engineering alumni around the globe, including more than 12,000 in Alabama
- Has a rich heritage of solid engineering disciplines that combine fundamentals with real-world experience

### Chemical Engineering

Auburn University has been offering chemical engineering courses since 1913. Our graduate program began early in the department's history, with the first master's degrees conferred in 1919. Currently, there are approximately 411 undergraduate and 91 graduate students enrolled in chemical engineering.

Auburn offers a balanced, challenging chemical engineering curriculum designed to prepare graduates for successful careers in industry and academia. The department emphasizes hands-on experience to its undergraduate students through laboratory projects and state-of-the-art computer simulation. The department has strong ties with industry and encourages students to become involved in Auburn's cooperative education program, allowing them to gain valuable industry experience and earn money for school expenses.

For the student seeking an advanced degree in chemical engineering, Auburn offers many exciting opportunities. Among Southeastern schools, Auburn maintains a top ranking in research awards per faculty member, allowing the department to provide excellent fellowships and assistantships for all qualified students and cutting-edge research equipment in our laboratories.

Thanks to recent renovations of Ross Hall and Wilmore Laboratories, chemical engineering classrooms and labs rank among the best in the nation.

Chemical engineering's young and energetic faculty is well qualified academically and professionally, with advanced degrees from top universities as well as considerable industry experience.

Please visit our website at: [eng.auburn.edu/chen](http://eng.auburn.edu/chen)