

# AIChE-Pittsburgh Students' Night and Awards Banquet

February 18, 2014

Carnegie Mellon University, University Center, Connan Room

Each year, AIChE-Pittsburgh recognizes an outstanding senior at each of the four regional Chemical Engineering programs—Carnegie Mellon, University of Pittsburgh, West Virginia University and Youngstown State University. Before dinner, undergraduate and graduate students are invited to display posters of their research for presentation to attendees from local industry and academia.

## Agenda:

- 5:30-6:30 Registration and Poster Session
- 6:30-7:30 Dinner
- 7:30-8:15 Presentation: "Responding to Complex Integrated System Challenges: Energy, Water, Food," Dale Keairns, Booz-Allen-Hamilton  
(see below for details)
- 8:15- Presentation of the section's Professional Promise Awards

## Menu:

Iceberg Wedge Salad

**Chicken Involtni:** locally grown, stuffed with spinach, ricotta and prosciutto over cream basil polenta finished with tomato concasse, or

**Artichoke Vol-au-vent:** spinach cream and wild mushrooms, artichokes, shallots with a spicy creamy sauce in a delicate pastry case

New York Style Cheese Cake

RSVP by email to Janet Latini [jlatini@andrew.cmu.edu](mailto:jlatini@andrew.cmu.edu) before February 7, 2014,

Include your name, organization, address, email address, and entrée choice. Let us know if you are a student and, if a student, whether you plan to present a poster

Students: \$25, fee waived for poster presenters and PPA winners  
Others: \$45. Pay at registration by check to AIChE-Pittsburgh

No-shows will be billed.

## Responding to Complex Integrated System Challenges: Energy, Water, Food

Dale Keairns, Ph.D.  
Executive Advisor  
Booz-Allen-Hamilton

Dr. Keairns has over 40 years experience in industry, consulting, teaching and service through professional society initiatives. The last fourteen years have focused on energy systems analysis and planning activities to guide technology research and development needs for the Nation's energy future through a support contract to the Department of Energy National Energy Technology Laboratory (NETL) and commercial projects. Prior to this, he had 32 years experience with Westinghouse. Responsibilities included leading the development and commercialization of technology to meet emerging energy and environmental needs and management of a commercial technology business. Dr. Keairns has over 200 publications reporting on research, commercial technology development and systems analysis. Dr. Keairns served as the 2008 President of the American Institute of Chemical Engineers – the centennial year of AIChE. He chairs the AIChE Center for Energy Initiatives, serves on the Board of the American Association of Engineering Societies and serves as chair for a cooperative professional society initiative on technologies for carbon management.