# THE FILTER PRESS

Newsletter of the Georgia Section of the American Chemical Society

Volume 15, Number 3 March 2005


## Careers in Chemistry

*Dr. David Collard, Georgia Tech; Dr. Stephen Quirk, Kimberly-Clark;*
*Dr. Mary Robinson, Centers for Disease Control and Prevention*

This student-oriented meeting will feature a panel discussion of how to build a career in chemistry. Topics include various employment options (including industry, government labs, and academia), what skills are required for different chemistry jobs, when to consider and how to choose a graduate school, and what employers look for in an application. Materials on resume writing will also be on hand.

Dr. David Collard is a Professor of Chemistry and the Director of Graduate Studies in the School of Chemistry and Biochemistry at Georgia Tech. He obtained his B.Sc. (Hons.) from the University of East Anglia, U.K., and his Ph.D. from the University of Massachusetts, Amherst. He was a postdoctoral fellow at the University of Texas at Austin. Since coming to Georgia Tech in 1991, his awards include a Camille and Henry Dreyfus Foundation New Faculty Award, a Lilly Foundation Fellowship, a Research Corporation Cottrell Fellowship, an NSF-CAREER award, and Georgia Tech's Outstanding Doctoral Thesis Advisor Award.

Dr. Stephen Quirk is in charge of biological R&D for new business applications in the health care arena for Kimberly-Clark Corporation. He received his B.S. degree from the University of Rochester and his Ph.D. in Biology from the Johns Hopkins University. He was a postdoctoral fellow in the Department of Biophysics at the Johns Hopkins Medical School. In 1994 he joined the faculty at the Georgia Institute of Technology in the School of Chemistry and Biochemistry where he remained until 1999. During this time his laboratory group performed research in the area of enzyme catalysis. He then left academic research for his current position at Kimberly-Clark.

Dr. Mary Elizabeth (Kelley) Robinson is a Health Scientist at the Centers for Disease Control and Prevention and Coordinator of the Oak Ridge Institute for Science and Education Fellowship Program for the Division of Laboratory Sciences. She received a B.S. in Chemistry from Paine College, an M.S. in Chemistry from Illinois Institute of Technology, and a Ph.D. in Biology from Georgia State University. Her work experience has included research, teaching, and administration. She has been an instructor at Chicago State University and Georgia State University, and she has been employed at the CDC for 29 years doing research in protein chemistry.◆

**Tuesday, March 29, 2005, at Georgia Tech**

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## Herty Award Nominations Sought

The Georgia Section of the ACS is soliciting nominations for the year 2005 Charles Holmes Herty Medal, which is presented annually to recognize the work and service of an outstanding chemist from the Southeastern section of the country. The award recipient is honored at a ceremony in late spring by the GA ACS section, and a gold medal (designed to commemorate the work of Herty) is awarded. Nominees may come from academic, government, or industrial laboratories, and must have been doing research in the southeastern region for more than 10 years. The deadline for submission of nominations for the 2005 award is March 31, 2005. Please send all nominations with at least two supporting letters to: Dr. Lihong D'Angelo, Chair of the Herty Award Committee, TEC415, The Coca-Cola Company, P.O. Box 1734, Atlanta, GA, 30301; ldangelo@na.ko.com, (404)676-8920.◆

## Upcoming Section Meetings

*Thursday, April 21, 2005*: Dr. Ellen E. Burns, Legislative Assistant for Science to U.S. Representative Vernon Ehlers (R-MI). Topic: "The Chemistry of Congress." A former professor of chemistry at Bowdoin College and the College of Wooster, Dr. Burns serves as the chief science advisor to Rep. Ehlers, one of only two Ph.D. physicists in Congress. This talk will illuminate how decisions that rely or have an impact on science are made.

*Monday, October 10, 2005*: Dr. Jeffrey Kovac, University of Tennessee, Knoxville. Topic: "Professionalism and Ethics in Chemistry." A professor of chemistry, Dr. Kovac is author of widely acclaimed textbooks on ethics in chemistry and of numerous articles in professional and legal journals on ethics, The presentation will discuss how codes of ethics arise and how they affect the practice of chemistry.
Locations for these talks will be announced in the *Filter Press*.◆

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## March Meeting

*Sponsored by K-Force, Inc.*

### Careers in Chemistry

*Dr. David Collard, Georgia Tech; Dr. Stephen Quirk, Kimberly-Clark; Dr. Mary Robinson, Centers for Disease Control and Prevention*

Date: Tuesday, March 29, 2005

Time: 6:30 – 7:00 PM Arrive
7:00 – 8:00 PM Buffet Dinner
8:00 – 9:15 PM Meeting and Presentation

Location: Georgia Tech
Petit Institute for Bioengineering and Biosci ences (IBB)
315 Ferst Drive
Atlanta, GA 30332-0363

Directions: Exit at the Techwood/10th/14th exit, go west on 10th street to State Street, turn L onto State, go to the stop sign, turn L onto Ferst. The Bioscience building is one block east on the corner of Ferst and Atlantic. Parking is free and available anywhere around the building or nearby parking lots. Map available at http://www.ibb.gatech.edu/directions.html.

Dinner: ``South of the Border.'' Corn and black bean salad on greens, tortilla chips with black bean dip, beef or chicken fajitas with sauteed onion and mixed peppers, fajita toppings, cilantro fried rice, cinnamon tortilla chips, iced tea and water. Served buffet-style in the atrium of the IBB building.

Cost: $15 per person; $8 for high-school teachers or full-time students with ID. *Free for graduat ing seniors*. Payment should be made to the ACS Georgia Section and will be collected at the door.

RSVP: David Sherrill, 404-894-4037, or sherrill@chemistry.gatech.edu (preferred). Deadline for reservations and cancellations is 5:00 PM on Wednesday, March 23. ◆

## CALL FOR CHEMISTS IN LEGISLATIVE AFFAIRS

The Georgia Section's Committee on Legislative and Governmental Affairs (**COLGA**) is ready to initiate its 2005 Public Policy goals and needs your help. COLGA is an opportunity for Georgia section members to bring their scientific backgrounds and expertise to state and national legislators. COLGA members will have the opportunity to:

**Contact and meet state and local legislators** and their staff about topics relevant to ACS as well as those areas specific to scientists in the State of Georgia. Some 2005 targets include basic science and math education, energy, R&D funding, and the environment.

**Make a difference**: your opinion, either as a working chemist or chemical engineer, or as a student in the chemical sciences are a much needed resource to the policy makers and legislators.

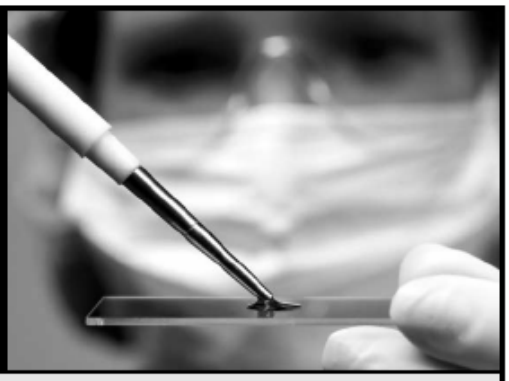
Overall, there is minimal time commitment: formal meetings will only occur a few times a year. The bulk of the actual time spent will be contacting and speaking with your local and state legislators.

**How else can I help?**
Lend your expertise and opinions to the Legislative Action Network (LAN) by signing up for LAN alerts. The LAN is a series of email alerts that will be sent to you only when pressing issues to science and the ACS are coming up for vote at the House or Senate. Your electronic response will be sent directly to your local legislators via the ACS website. It's a timely and efficient way for you to share your voice.

Sign up for the LAN as well as download a .pdf of the 2005 Public Policy Priorities of the ACS at http://www.chemistry.org and following the "Policy Makers" tab.

Stay tuned for the new Georgia Section COLGA website! For more information, contact Austin S. Lin at *Austin_Lin@Gillette.com*◆

# THE RIGHT TOOLS IN THE RIGHT HANDS



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