

Women Chemists Breakfast

Invited Speaker



LaTonya M. Mitchell will assume her duties as the District Director for the Denver District Office in October 2011. She will be responsible for the direction and coordination of FDA investigational and compliance activities in the states of Colorado, Utah, New Mexico, and Wyoming.

Prior to this appointment, she served as the Director of Chemistry II Branch at the Southeast Regional Laboratory in Atlanta, Georgia from September 2006 to September 2011. The branch included resources and facilities dedicated to pesticide, mycotoxin, chemotherapeutics, and food and color analyses.

LaTonya joined the FDA, Kansas City District Office, as a chemist in May 1994. In August 2002, she was promoted to Supervisory Chemist for the Pesticide GC team. She was fully responsible for laboratory programs in pesticide analyses, which included regulatory programs for both human foods and animal feeds, and included a non-regulatory surveillance program, the Total Diet Study. In addition to her managerial duties, she was a collateral-duty mediator for the Agency.

LaTonya is a graduate of Park University in Parkville, MO, and Central Michigan University in Mt. Pleasant, MI. She received a Bachelor of Art degree in Chemistry and a Master of Science degree in Health Services Administration, respectively. In addition, she is a graduate of the 2002 FDA Leadership Development Program.

Women in Chemistry Symposium

DR. NANCY B. JACKSON

Nancy B. Jackson is manager of the International Chemical Threat Reduction Department in the Global Security Center at Sandia National Laboratories which assists the U.S. Department of State and other federal agencies in solving problems related to international chemical security. With the U.S. Department of State, Dr. Jackson has developed the Chemical Security Engagement Program (CSP) an international program to raise awareness of chemical safety and security among chemical professionals and to enable the practice of safety and security in the research, teaching, and commerce of chemicals. CSP has worked with universities and small/medium chemical companies in Southeast Asia, South Asia, the Middle East, and North Africa. Her group is responsible for encouraging the safe and secure practice of chemicals in an effort to prevent their misuse as weapons, poisons, explosives or environmental pollutants. This includes providing training in laboratory safety, process safety, and physical security.

Previously, Dr. Jackson was deputy director of Sandia's International Security Program where she assisted the director in fulfilling its mission to create technology-based solutions through international cooperation to reduce the threat of weapons of mass destruction proliferation and terrorism. During the past four years, Dr. Jackson was responsible for leading the Laboratory Directed Research and Development program for Global Security which requires identifying and overseeing the research program in support of Global Security. Prior to her positions in Global Security, Dr. Jackson was involved in research and development at Sandia, as a principal investigator and a manager. Primarily her research was in heterogeneous catalysis with an emphasis on energy applications. Later work involved chemical imaging with a wide variety of applications from biological systems to homeland defense problems.

Dr. Jackson is a National Affiliate of the National Academies where she has served on several boards and chaired studies. She is a Fellow of the American Association for the Advancement of Science and the International Union of Pure and Applied Chemistry and was recipient of the 2005 American Indian Science and Engineering Society Professional of the Year Award. She is a Research Associate Professor at the Chemical and Nuclear Engineering Department of the University of New Mexico. Dr. Jackson has a B.S. degree in chemistry from George Washington University from which she won a Distinguished Alumni Achievement Award in 2005 and has a Ph.D. in chemical engineering from the University of Texas at Austin.

In 2009, she was elected to the Presidential succession of the American Chemical Society. She will serve as President-Elect for 2010, President for 2011, and Immediate Past President for 2012.

KATHLEEN M. SCHULZ

Kathleen Schulz is president of Business Results, Inc., a consulting company that provides coaching, consulting and facilitation to help leaders get results. She is an ACS Fellow, and is currently a member of the ACS Board of Directors, where she chairs the ACS Board Committee on Public Affairs and Public Relations. She served on the ACS President's Task Force on Innovation, which published the report "Innovation, Chemistry and Jobs" in 2011, and is a current member of the President's Working Group on Climate Science. Kathleen earned her B.S. *summa cum laude* from Eastern New Mexico University, and holds a Ph.D. in analytical chemistry from the University of Missouri-Columbia. She has worked in all sectors of the chemical enterprise: academe, industry/government contracting, not-for-profit and small business. She has worked for companies including Hewlett-Packard, Lockheed-Martin and Midwest Research Institute. In 45+ years as an ACS member, Kathleen has been active at all levels in ACS: local sections, technical divisions, national committees and task forces. She has been an ACS Tour and Webinar Speaker, is a Co-Founder of the ACS Leadership Development System and is certified to teach five ACS leadership courses.

PAT SCHUMANN

Pat Schumann is Senior Quality Engineer for Ventana Medical Systems in Tucson, Arizona. She earned her Bachelor of Science in Chemistry at the University of Arizona. She joined Ventana Medical Systems, a division of Roche, as a Quality Engineer in April 2009. Her previous positions included Quality Control Manager, Occupational Safety Specialist, and chemist in the pharmaceutical and environmental industries. She is a certified Chemical Hygiene Office (CHO). She serves on the ACS Committee on Chemical Safety and is the local Section Councilor from Southern AZ. Other professional associations include ASQ and AAMI.

KELLY ELKINS

Dr. Kelly M. Elkins is an Assistant Professor of Chemistry at Towson University. She earned her B.S. degree in Biology and B.A. degree in Chemistry from Keene State College in 1997 and her M.A. and Ph.D. degrees in Chemistry from Clark University in 2001 and 2003, respectively. She was a Fulbright Scholar in Heidelberg, Germany from 2001-2002 and a Cancer Research Institute postdoctoral fellow at MIT from 2003-2004. Previously, she held positions as Assistant Professor of Chemistry and Director of Forensic Science at the Metropolitan State University of Denver, Temporary Assistant Professor of Chemistry at Armstrong Atlantic State University, and Adjunct Professor of Chemistry and Biology at Keene State College, Cloud County Community College and Highland Community College.

She has had an active research group for the past several years that has focused on DNA recovery and methods development, applying instrumental tools to the detection of body fluids, DNA cloning, and

nanoparticle synthesis and applications. She has supervised more than twenty undergraduate and high school student research projects, authored thirteen scientific publications, and has delivered more than 50 conference and seminar presentations. She has served as a peer reviewer for eight referred journals and four textbook publishers. Her research has been funded by a Petroleum Research Fund Summer Research Fellowship, ACS Project SEED, and the Forensic Sciences Foundation. She is a member of the American Chemical Society (ACS) and served as an elected Alternate Councilor of the Colorado section, Executive Committee and as Co-Chair of the Student Grants Committee. She is an Associate Member of the American Academy of Forensic Sciences and President of the Council of Forensic Science Educators (2012). She has appeared as a forensic expert on Denver television stations ABC 7 News, Fox 31 News, and NBC 9News and has been interviewed by *The Denver Post* and *Forensic Magazine*.