

2004 Outstanding Alumni Recipient

We are honored to announce that U.S. Navy Rear Admiral Deborah Loewer (B.S. Theoretical Mathematics and Computer Science, 1976) is the 2004 College of Science and Mathematics Outstanding Alumni Award winner. She received the award at a ceremony on February 14, 2004 prior to a WSU men's basketball game. Deborah is a native of Springfield, Ohio and was a softball player for the Raiders while at Wright State.



U.S. Navy Rear Admiral Deborah Loewer

Rear Adm. Loewer also has a PhD in International Law from the University of Kiel in Kiel, Germany. She has the distinction of being the service's first warfare-qualified woman to be promoted to admiral. She was the first person to inform President Bush that terrorism had struck New York City the morning of Sept 11 (as the then, director of the White House Situation Room, which is the White House's crisis-management center.) She also helped the President prepare for the national address the evening of September 11. Rear Adm. Loewer is currently Vice Commander of the U.S. Navy's Military Sealift Command.



Dr. Peter Lauf, professor of Pathology, chaired the Dayton 2003 International Symposium on Cell Volume and Signaling, hosted by Wright State and held for the first time in the United States. This symposium had presenters and visitors from around the world.

Research Spotlight

NSF Grant to enhance science and engineering opportunities for minorities

The CoSM and College of Engineering and Computer Science are WSU representatives on the Ohio Science and Engineering Alliance. This alliance recently received \$3.5 million from the NSF to advance minority graduation in science, technology, engineering and mathematics fields. The resources of the participating 15 universities and four agencies will be pooled to boost minority student recruitment and retention in

scientific fields; projects include internships, research symposia, mentoring and tutoring. Michele Wheatly, PhD, dean of the College of Science and Mathematics, was instrumental in the efforts to bring this project to WSU. This national NSF initiative is named the Louis Stokes Alliance for Minority Participation program in honor of the Congressman from Cleveland.

NIH grant to combat terrorism

Dawn Wooley, PhD, an Associate Professor in Anatomy and Physiology, is involved in a \$1 million federal grant to combat terrorist attacks involving biological weapons. WSU is a member of the Midwest Center of Excellence for Biodefense and Emerging Infectious Diseases Research; the center is a group of eight universities, which received funding from the National Institutes of Health. "Our goal is to develop the diagnostic tools, therapeutics and vaccines that can be used to combat lethal agents or viruses and other infectious diseases identified by the Centers for Disease Control. We are particularly interested in agents that can be spread through the air," explained Wooley, who holds a doctorate in virology from Harvard Medical School.

There is a single light of science, and to brighten it anywhere is to brighten it everywhere.

—Isaac Asimov

As a friend of the University, your gift to the CoSM could provide the margin of excellence — the difference between a university that offers solid academic programs and one that offers outstanding and innovative programs. Your gift would provide state-of-the-art technology in our classrooms and laboratories, competitive salaries for a world-class faculty, and critically needed financial aid, which helps ensure that higher education remains accessible to all students. In addition to sustaining current programs, your gifts would also help the CoSM fund educational initiatives that respond to our changing world. I hope you would remember us when you receive a letter or call from the University. Give or pledge to the CoSM online at <http://wsufoundation.wright.edu/>

Wright State University College of Science and Mathematics

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