

Faculty News

The following faculty recently retired from WSU and the college after many years of faithful service: Patrick Campbell, Psychology; Larry Isaacs, Biological Sciences; Jane Scott, Anatomy; Bob Weisman, Associate Dean; and Tim Wood, Biological Sciences.

New Faculty

In addition to the new chairs, the following individuals are now on the faculty of the college. Sarah Tebbens, Physics, Associate Professor; Stephanie Smith, Biology, Assistant Professor; Shuxia Sun, Mathematics and Statistics, Assistant Professor; and Yuqing Chen, Mathematics and Statistics, Assistant Professor.

- Congratulations to Kevin Bennett, Associate Professor of Psychology, who has been elected as a Fellow of the Human Factors and Ergonomics Society! Only 154 individuals have been honored with this high title during the 50-year history of the Human Factors and Ergonomics Society! This is in recognition of Kevin's contributions to the society and to the field of Human Factors.
- Alexis J. Walker, the editor of the *Journal of Marriage and Family*, praised the work of Larry Kurdek, Professor of Psychology. Dr. Kurdek served on a committee to generate a set of guidelines regarding the rights and responsibilities of authors, reviewers, and editors.

- WSU Physics Assistant Professor Doug Petkie, Ph.D. coordinated a special poster session in August for a group of 16 undergraduates from around the country who are completing a physics research program with applications involving human genetics, the ozone layer, and laser technology. The program was funded by a National Science Foundation Research Experiences for Undergraduates grant. Petkie said each student was mentored by a WSU physics faculty member, an AFIT faculty member, or AFRL research scientist. In addition to research objectives, a primary goal was to encourage undergraduates to pursue advanced degrees in the physical sciences and become future leaders in science and technology.
- CSI Dayton: DNA analyst Dr. Dan E. Krane, Associate Professor of Biological Sciences, was the keynote speaker for the WSU Friends of the Libraries 25th annual luncheon. Crime scene investigation is a hot topic for television dramas these days, and Dan provided some insights into the process as one of the world's foremost authorities on DNA analysis. As founder of Forensic Bioinformatics, Inc. (www.bioforensics.com), Dr. Krane and his crew strive to provide efficient, timely, accurate, comprehensive, and objective reviews and presentations of scientific evidence so that experts and attorneys are better able to make the truth known. Dr. Krane has testified as an expert witness in more than 50 criminal trials in which DNA evidence has been used. He has been featured on or served as a technical consultant to *CBS Nightly News*, *Unsolved Mysteries*, *Sixty Minutes*, *Court TV*, *Weekly Reader Magazine*, *The Washington Post*, and *The Los Angeles Times*. He has also been a consultant to hundreds of court cases, many of which were reported in the national news.

Research Funding Update

- External research funding at WSU continues to grow. CoSM researchers were awarded over 150 grants in fiscal 2004 totaling over five million dollars. Funding comes from various government agencies and private companies.
- Thompson ISI (Citation Index, Current Contents, etc.) has picked ZnO as the dominant Emerging Research Front in all of physics for the August/September time period, and has picked one of David Look and the WSU Semiconductor Research Center's papers as the only representative, highly cited paper for that research front. The first two international workshops, held in Dayton in 1999 and 2002, likely helped propel the field, and

this year, there have been or will be at least seven national and international ZnO workshops; David and WSU have been invited to present talks at five of them.

- Allen Burton, Professor of Biological Sciences, was recently awarded a \$325,000 grant from the U.S. Environmental Protection Agency for a proposal titled, "Defining and Predicting PCB Fluxes and Their Ecological Effects in River Systems for Risk Characterizations." The three-year grant is a collaborative project with Dr. Jianhong-Jennifer Ren of Texas A&M University, Kingsville. The project falls under the EPA's research category involving Persistent, Bioaccumulative Chemicals.

Keep in touch!

Send us your news, where you are these days, news about a job or promotion, relocations, births, etc. We'd like to expand the *AlumNotes* section in this newsletter. While you're at it, send us your e-mail—we'd like to create an e-mail database so that in the future, we can keep you informed about the special events and activities in the college.

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

Dean—Dr. Michele Wheatly
Associate Dean—Dr. Terry McKee
Assistant Deans—Joyce Howes, Stacia Edwards, Michael Reynolds

Key Contacts.....please add "(937) 775-" to all numbers
Anatomy and PhysiologyTim Cope3896
Biochemistry and Molecular BiologyDaniel Organisciak ..3041
Biological SciencesDavid L. Goldstein..2655

Biomedical Sciences Ph.D. Program ..Gerald Alter2504
ChemistryKenneth Turnbull ..2855
Environmental Sciences Ph.D. ProgramWayne Carmichael ..3273
Geological SciencesChris Barton2990
Institute for Environmental QualityG. Allen Burton.....2201
Mathematics and Statistics.....Dan Voss2785
Microbiology and Immunology Graduate ProgramLarry Arlian2568
Physics.....Lok Lew Van Voon ..2954
PsychologyJohn Flock2391
Statistical Consulting CenterHarry Khamis4205

Web site: www.wright.edu/cosm/