

New Department Chairs!

At the start of the 2004–2005 academic year, five new department chairs began their duties. The college has been and will continue to host late afternoon events to allow alumni to meet the new chairs and the college Dean.

Chris Barton

Chris Barton, Professor of Geological Sciences, comes to WSU from the U.S. Geological Survey where he served 21 years. He earned a Ph.D. in geology from Yale University. Chris is a very active researcher in the area of groundwater hydrology, mathematical scaling, and forecasting of tropical storm and hurricane winds along the eastern seaboard and Gulf of Mexico. He is a leader in the application of fractals and mathematics of non-linear systems in Earth sciences. He has held adjunct professor positions at Colorado State University, University of Nevada–Las Vegas, University of Paris, University of Alaska, and University of South Florida.



He has published applied and theoretical work in experimental design in a variety of journals, been an expert witness in court, served as statistical consultant, and received research funding from AFOSR and NSF.

Lok Lew Yan Voon

Lok Lew Yan Voon, Professor of Physics, comes to WSU from Worcester Polytechnic Institute, where he earned his Ph.D. His research is in the area of the theory of the electronic and optical properties of semiconductor nanostructures; he has 50 journal publications and dozens of presentations/talks to his credit. Lok holds visiting appointments with the Mads Clausen Institute at University of Southern Denmark, Stanford University, Hong Kong University of Science and Technology, and USAF Research Labs, and the Max Planck Institut für Festkörperschung. He has won numerous awards including the Balslev Award (Denmark), a National Science Foundation CAREER Award, a Sigma Xi Doctoral Research Award, and numerous others. Lok is a dedicated teacher and advisor to several undergraduate and graduate students.



John Flach



John Flach, Professor of Psychology, is certainly not new to WSU; he has served the University for 14 years. He earned a Ph.D. (Human Experimental Psychology) from The Ohio State University. Prior to WSU, John was an assistant professor at the University of Illinois for six years, where he held joint appointments in the Department of Mechanical and Industrial Engineering, the Psychology Department, and the Institute of Aviation. John teaches

both graduate and undergraduate courses in the areas of experimental cognitive psychology and human factors in addition to his research, which he performs in collaboration with the Air Force Research Laboratory at Wright-Patterson AFB as an associate research scientist. He also has close collaborations with the StudioLab and Aeronautical Engineering Department at TU Delft, The Netherlands. His research interests include general issues of coordination and control in cognitive systems; specific research topics have included visual control of locomotion, visual interface design, decision making, motor control, and dynamic tactile displays.

Dan Voss

Dan Voss, Professor of Mathematics, has served WSU for 21 years. He earned his Ph.D. from The Ohio State University. He came to WSU in 1983 in his first faculty position. He teaches a full spectrum of statistics classes from general education to graduate level. He has served the university in many capacities and at all levels, currently as the Statistics Program Director in Mathematics and Statistics, as a member of the university Faculty Senate and Senate Executive Committee, and as President of AAUP-WSU. His research interests include design and analysis of experiments; multiple comparisons; analysis of unreplicated factorial experiments; mixed models; and applied statistics. Dan has received grant support from the National Science Foundation, the Air Force Office of Scientific Research, and internal WSU sources.



Kenneth Turnbull



Ken Turnbull, Professor of Chemistry, has 24 years of service to WSU. Ken earned his Ph.D. from Heriot-Watt University in Edinburgh, Scotland. He is an outstanding teacher as shown by his numerous awards: the 1988 President's Award for Outstanding Teaching in the College of Science and Mathematics; the 1995 and 2001 College of Science and Mathematics Award for Outstanding Teaching; and the 2002 Southwestern Ohio Council for Higher Education

Award for Teaching Excellence. He has directed 43 Master's students and 126 undergraduates over his career. He is also an active researcher in several general areas including anticancer/antiviral compounds, sydnone antihypertensives, polymer supported reagents, photochromic compounds, non-linear optical (NLO) materials, neutrophil phospholipase D (PLD) inhibitors. Ken has served on countless Wright State committees at the department, college, and university level. His service to the community and to science is long and distinguished; for example, he has been a part of the ever-popular "Chemical Demonstration Shows" that attract thousands of middle/high-school age children to WSU.

Timothy Cope

Nationally respected researcher Timothy Cope, Ph.D., has been appointed professor and chair for the Department of Anatomy and Physiology. His research focuses on spinal cord neurophysiology, particularly the recovery of neuromuscular function after nerve and spinal cord injury. Previously a professor in the Department of Physiology and an active member of the Neuroscience Program at the Emory University School of Medicine, Cope also was a research associate for the Brain Research Institute at the University of California–Los Angeles. He has also served on committees for the National Institutes of Health and the National Institute for Neurological Disorders and Stroke.



Student Notes

Conference Honors

WSU psychology doctoral student Louise J. Rasmussen received first prize in the student paper competition at the Human Factors and Ergonomics Society's annual meeting for the Cognitive Engineering and Decision Making technical group. Her paper was titled "Task and Representation Interactions in Temporal Reasoning." She faced competition from Ohio State, University of Waterloo, SUNY Buffalo, University of Central Florida, Texas A&M, University of Toronto, and the University of Michigan. Her WSU advisor is Dr. Valerie L. Shalin. Louise has completed qualifying exams and is currently working on a dissertation proposal.

Porter Fellowship Award Winner

The American Physiological Society (APS) has awarded its Porter Physiology Fellowship to historically underrepresented minorities in science since 1966 to encourage diversity among students pursuing full-time studies toward a Ph.D. in the discipline of physiology. Eight outstanding students

have been awarded the one-year fellowship this year. WSU's Alfredo (Fred) Garcia III, a student in the Biomedical Sciences Ph.D. Program (Cell Biology and Physiology), is one of the eight winners who will receive an \$18,000 stipend.

"This program has aimed to make careers in physiology accessible to minority students since the '60s and has been widely successful in that goal," said Dr. Martin Frank, executive director of the APS. "Former Porter fellows include a director of a NIH Institute, leaders within the National Science Foundation, and department and program heads in academic institutions.

Alumni Notes

Recently, David Nolin, Biological Sciences, was named Deputy Director of Five Rivers MetroParks. David began as an intern in 1981 and after obtaining his WSU degree he was made the park district's first land stewardship specialist in 1985.