Faculty and Staff Activities and Achievements  
College of Science  
May 2011

Awards and Honors

Joseph K.-K. Li, Department of Biology, College of Science, will serve for two years as a member of the Editorial board of the Encyclopedia of Life Sciences sponsored by the Chinese Academy of Sciences and Peking University, PR China.

Publications

Articles

Christopher Corcoran, Department of Mathematics and Statistics, College of Science, along with H. Wengreen, C. Nelson, and R. Munger had an article titled “Prospective Study of Ready-To-Eat Breakfast Cereal Consumption and Cognitive Decline Among Elderly Men and Women in Cache County, Utah, Study on Memory, Health and Aging” in The Journal of Nutrition, Health and Aging.

Tamara N. Jeppson, Kelly B. Bradbury, and James P. Evans, faculty members of the Department of Geology, College of Science, had an article titled “Geophysical Properties within the San Andreas Fault Zone at the San Andreas Fault Observatory at Depth and Their Relationships to Rock Properties and Fault Zone Structure” published in the Journal of Geophysical Research.

Books

Articles, Chapters, Books with Undergraduate and Graduate Co-Authors

Alexander I. Boldyrev, Department of Chemistry and Biochemistry, College of Science, and Alina P. Sergeeva, graduate student, had an article titled “Flattening a Puckered Pentasilacyclopentadienide Ring by Suppression of the Pseudo Jahn–Teller Effect” published in Organometallic.

Timothy E. Doyle, Department of Physics, College of Science, and Jeffrey B. Goodrich and Brady J. Ambrose, undergraduate students, along with Hemang Patel*, Soonjo Kwon, and Lee H. Pearson had an article titled “Ultrasonic differentiation of normal versus malignant breast epithelial cells in monolayer cultures” published in the Journal of the Acoustical Society of America.

Presentations

Juanita Rodriguez, Cecilia Waichert, and Kevin Williams, graduate students in the Department of Biology, College of Science, and each won 1st place President's Prizes for talks they presented individually at the Entomological Society of America National Meeting in San Diego, California, 12-15 December 2010. Faculty mentors: Carol von Dohlen and James Pitts.

Contracts and Grants

Todd Campbell and Paul Wolf, Department of Biology, Daniel Coster, Department of Mathematics and Statistics, and Brett Shelton, USU Department of Instructional Technology & Learning Sciences, received a grant of $2,489,331 from the National Science Foundation, Discovery Research K-12 Program for “Cyber-enabled Learning: Digital Natives in Integrated Scientific Inquiry Classrooms.” This grant runs from 2010 through 2015.

Cheng-Wei Tom Chang, Department of Chemistry and Biochemistry, College of Science, received a grant of $421,787 from the National Institutes of Health for “Chemoenzymatic Synthesis of Pradinicin Analogues for Novel Antifungal and Antivir.” This grant runs from December 2010 through November 2013.