

Dear Alumni and Friends,



I am pleased to debut this bulletin, which will provide news and updates on the happenings at the College of Science and Technology. Since our official newsletter is published just twice a year, this publication will keep you more frequently informed on research developments, college accolades, and other exciting news. Excellence in teaching and research is key to the continued success and vitality of the College, and I welcome the opportunity to share our progress in these areas.

Sincerely,
Hai-Lung Dai
Dean and Laura H. Carnell Professor

News & Updates

- Joseph C. Allegra, M.D., CST'70 was honored by the University at the Founder's Day Celebration by being named the College of Science and Technology's Certificate of Honor Awardee for 2007. Dr. Allegra is co-founder of the Network for Medical Communication and Research, which develops formats for communications and educational opportunities for the medical and pharmaceutical industries.
- Eric Borguet, an associate professor in the department of chemistry, was selected as a visiting fellow by the Japan Society for the Promotion of Science. This fellowship is designed to allow senior scientists to pursue collaborative research in Japanese universities. Previous Temple recipients of this fellowship include Dr. Franklin A. Davis and Dr. Scott Sieburth, both professors in the Department of Chemistry.
- Physics professor Theodore W. Burkhardt was named a 2006 fellow of the American Physical Society, the fifth Temple faculty member to be so honored in the past three years. He joins chemistry chair Robert Levis (2005) and physics professors Marjatta Lyyra (2005), Rongjia Tao (2004) and Zein-Eddine Meziani (2004), as well as Dean Hai-Lung Dai (1992). The fellowship, awarded to only a half-percent of the society's membership each year, is a distinct honor signifying recognition by one's professional peers.
- Chemistry professor Franklin A. Davis was honored with the 2006 John Scott Award, presented by the Board of Directors of City Trusts of the City of Philadelphia. This is awarded to "the most deserving" men and women whose inventions have contributed in some outstanding way to the "comfort, welfare and happiness" of mankind. Previous recipients include Marie Curie, Thomas Edison, the Wright Brothers and Jonas Salk.
- Antonio Giordano, M.D., Ph.D., professor of biology and director of the Sbarro Institute for Cancer Research and Molecular Medicine at CST, published the discovery of a small molecule derived from the spacer domain of the tumor-suppressor gene Rb2/p130 that demonstrated the ability to inhibit tumor growth in vivo and could be developed into an anti-cancer therapeutic. In February, Dr. Giordano received the 2007 Saint Valentine Prize, which honors humanitarian contribution in everything from medicine to peace in the Middle East, in Terni, Italy. Previous recipients include Mikhail Gorbachev, Yitzhak Rabin and Mother Teresa.
- Martin Lorenz, professor in the department of mathematics, won a Temple University Faculty Research Award, given for either a single research study or a body of work completed at Temple University that is considered to be a major contribution, and that has already been recognized in the field as having major national or international significance.

- Jonathan Nyquist, associate professor in the department of geology, was presented with the Gold Medal Contribution Award by the Environmental and Engineering Geophysical Society. The award recognizes an individual who has made exceptional contributions to the environmental and engineering geophysical community and to the society. Dr. Nyquist was honored for his work as editor of the Journal of Environmental and Engineering Geophysics, where he made several significant contributions.
- Laura Toran, associate professor and the Weeks Chair in Environmental Geology, was named a fellow by the Geological Society of America for “new insights into the flow of groundwater in heterogeneous, fractured aquifers and the chemical evolution of groundwater.”
- The department of chemistry had an excellent turnout for the first annual Daniel Swern Memorial Lecture, sponsored by Wyeth Research. The lecture featured Dr. Bruce Roth of Pfizer discussing “The Discovery and Development of Lipitor,” the most potent and effective statin on the market. Dr. Roth, who is in Global Research and Development at the company’s Michigan laboratories, discussed the process of developing the drug and the effects that it has had on the pharmaceutical industry. The event was sponsored by Wyeth Research.
- In honor of the observance of the 300th birthday of 18th century computational mathematician and physicist Leonhard Euler on April 16, 2007, the College of Science and Technology, together with Computer Services, has purchased a high-end computer, the Sun Fire X4600, that will assist researchers in the department of mathematics in conducting large-scale computations. The department also held a symposium in Euler’s honor.
- George Palladino, vice dean, is leading the effort to renovate Beury Hall and the BioLife Building to provide state-of-the-art wet laboratory space for the departments of biology, chemistry and geology. This new research space will permit the College to attract and retain the best and brightest research-active faculty and graduate students.
- In March, the College held a very successful meeting of its Leadership Planning Committee in conjunction with Temple University’s Founders Celebration. The committee, chaired by Dr. Stanley Lefkowitz, CST’65 is scheduled to meet again in October.
- If you have news, honors, or accolades that you would like us to report in our semi-annual magazine, please contact Andrea Hallowell, assistant director for communications, at (215) 204-8187, or e-mail andrea.hallowell@temple.edu.