

In the News

FRENCH UNIVERSITY HONORS ROCHESTER ALUMNI



HONORS: University of Pierre and Marie Curie recognized Susan Hockfield '73.

simple organic materials, allowing for faster generation of new chemical compounds. The process, known as fluorous synthesis, has led to several anticancer agents, including one undergoing clinical trials.

MICHAEL SPIVEY '96 (PHD) WINS RESEARCH SOCIETY'S HIGHEST HONOR

Michael Spivey '96 (PhD), a professor of cognitive science at the University of California at Merced, has been awarded the 2010 William Procter Prize for Scientific Achievement by Sigma Xi, an international honor society for research scientists that provides grants, publishes *American Scientist* magazine, and whose past and present membership includes over 200 Nobel Prize winners. Spivey won the Procter Prize, the society's highest award, for his research on the link between spoken language and visual perception, which is considered pathbreaking across the fields of psychology, linguistics, and cognitive science.

BRUCE PAULEY '67 (PHD) RECOGNIZED BY AUSTRIAN PRESIDENT

Bruce Pauley '67 (PhD), professor emeritus of history at the University of Central Florida, has received the Austrian Cross of Honor for Science and Art, First Class. The award, established in 1955, is bestowed by the Austrian president on both Austrians and non-Austrians who have made extraordinary contributions in the arts and sciences. Pauley is a recognized authority on Austrian history and the author of five scholarly books, including *Hitler, Stalin, and Mussolini: Totalitarianism in the Twentieth Century* (Harlan Davidson, 2009), *From Prejudice to Persecution: A History of Austrian Anti-Semitism* (University of North Carolina, 1998), and *The Hapsburg Legacy, 1867-1939* (Holt, Rinehart and Winston, 1972).

SOL SOLOMON '62M (MD) HONORED FOR RESEARCH ON TYPE II DIABETES

Sol Solomon '62M (MD) has won the Southern Society of Clinical Investigators' 2010 Founders' Award. The society is a regional affiliate of a national professional organization, and the award is the society's highest honor for research and academic accomplishments. Solomon, a professor of medicine at the University of Tennessee Health Science Center in Memphis and the chief of endocrinology and metabolism at Memphis's Veterans Administration Medical Center, has made several notable contributions to diabetes research, including an explanation of the biochemical and molecular mechanisms of diabetic ketoacidosis, a life-threatening complication in diabetic patients caused by insulin shortage.

In March, **Susan Hockfield** '73, the president of the Massachusetts Institute of Technology, and **Dennis Curran** '80 (PhD), a Distinguished Service Professor of Chemistry at the University of Pittsburgh, were two of eight scientists worldwide to receive honorary doctorates from the University of Pierre and Marie Curie in Paris, the leading scientific and medical research institution in France. Prior to becoming the president of MIT in 2004, Hockfield, a neurobiologist, conducted groundbreaking research on brain development, including the discovery of a gene linked to the spread of cancer in the brain. Curran, who holds over 30 patents and is the founder of Fluorous Technologies, is noted for developing a process by which complex molecules can be developed from

Something to Smile About

The annual national meeting of orthodontists has a Rochester flavor.

The 110th annual gathering of the American Association of Orthodontists, in Washington, D.C., this spring, showcases a bracing cast of Rochester expertise.


The alumni of Rochester's orthodontic residency program, which graduates only a half-dozen candidates a year, form a tight network. **Robert Bray** '75M (Pdc), '76M (MS), the president of the 16,000+ member organization, called upon a host of fellow Rochester alumni to help him organize the event. They include committee general co-chairs **Natalie Parisi Bell** '95M (Pdc) and **J. Anthony Quinn** '74M (Pdc), doctors' scientific program cochair **Stephen Kyrkanides** '95M (Pdc), '99M (PhD), and local arrangements cochair **Kolman Apt** '85M (Pdc).

Bray has also dedicated the conference to a couple of his Rochester mentors: Daniel Subtelny, who founded the orthodontics program at the then Eastman Dental Center, in 1955, and is the chair of the orthodontics division of the Eastman Institute for Oral Health, and the late Robert Baker, professor of orthodontics at the Institute for over 50 years, who passed away in October 2008.

"In professional school, there's a lot of memorization," says Bray. But professors like Baker and Subtelny "taught us how to think."

Bray has plenty to think about at the helm of the profession's major association, where he grapples with, among other things, the problem of insufficient access to affordable orthodontic treatment and the need for members to keep up with expanding technology and equipment needs.

That said, Bray exudes confidence in the field's future. "I see nothing but upside," he says.

Bray has a private practice, playfully named Brayces, on the South New Jersey Shore, where 40 percent of his patients are adults. "My youngest patient is three and my oldest is 83," he says. "That's a wide range of people to be able to help." 

—Karen McCally