

# WE HEAR THAT

## AAPM Recognizes Contributions to Medical Physics

The American Association of Physicists in Medicine presented its awards for 2001 at its annual meeting held in Salt Lake City, Utah, in July.

**Ravinder Nath**, a professor and chief of the department of therapeutic radiology at the Yale University School of Medicine, received the William D. Coolidge Award. This



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award is the society's highest honor, given in recognition of a distinguished career in medical physics. The citation praised Nath for his significant contributions to advances in radiation medicine, to AAPM and other

organizations that deal with medical applications of physics, and to the medical physics literature.

The Farrington Daniels Award, given for the best paper on radiation dosimetry published in *Medical Physics* during the previous year, went to **Iwan Kawrakow** for his paper entitled "Accurate Condensed History Monte Carlo Simulation of Electron Transport I: EGSnrc, The New EGS4 Version." Kawrakow is a research officer in the ionizing radiation standards department at the National Research Council's Institute for National Measurement Standards in Ottawa, Ontario.

Two Sylvia Sorkin Greenfield Awards, given for the best paper (other than radiation dosimetry) published in *Medical Physics* during the previous year, were presented at the meeting. The first was shared by **Marc Kachelriess**, **Stefan Schaller**, and **Willi Kalender** for their paper entitled "Advanced Single-Slice Rebinning in Cone-Beam Spiral CT." Schaller is head of applications pre-development in the computer tomography division at Siemens in Forchheim, Germany. Kalender is director of, and a professor of medical physics at, the Institute of Medical Physics at the University of Erlangen-Nürnberg in Germany. Kachelriess is a physicist

at the same institute.

The second Greenfield Award went to **David Jaffray** and **Jeffrey Siewerdsen** for their paper entitled "Cone-Beam Computed Tomography with a Flat-Panel Imager: Initial Performance Characterization." Jaffray is a staff physicist and Siewerdsen is a senior research scientist in the radiation oncology department at William Beaumont Hospital in Royal Oak, Michigan.

## AAAS Awards Lifelong Mentors

The American Association for the Advancement of Science presented two Mentor Awards for Lifetime Achievement this past February. Each winner received \$5000 and a commemorative plaque.

**Evelyn L. Hu** was recognized for "her extraordinary mentoring and for opening the doors for women and other underrepresented students and faculty in electrical and computer engineering." Hu holds a joint appointment in the department of materials and in the department of electrical and computer engineering at the University of California, Santa Barbara.

Also honored was **William E. Spicer**, a professor emeritus and W. Ascherman Professor of Engineering at Stanford University. Spicer received the award "for his efforts to build students' confidence in themselves and for his dedication to the advancement of minorities and women in electrical engineering, applied physics, physics, and materials science."

## Stern to Head ASA in 2002

**Richard Stern**, a professor of applied science and mechanics at Pennsylvania State University, became president-elect of the Acoustical Society of America in June. He will succeed **William M. Hartmann** as president of the society in 2002.

"Many of our high-school teachers and counselors, and college faculty and advisers consider acoustics to be an old and dying field, with little left to be discovered, and openly say so. Clearly the society must address this

issue," said Stern in a statement to the society. It would take minimal efforts by individual members, he added, to achieve far-reaching benefits for ASA and the field of acoustics.

Stern received his PhD in physics from UCLA in

1964. After a year at Imperial College, London, he returned to UCLA, where his research involved measuring the velocity of sound in bone, using sound to fight autoimmune diseases, and investigating the interaction of sound with the lattice structure of rare earth metals. In 1984, Stern moved to Penn State, where he now serves as associate director of the Applied Research Laboratory and teaches graduate acoustics courses.

**William A. Yost**, director of the Parml Hearing Institute and dean of the graduate school at Loyola University of Chicago, also took office in June, as ASA's vice president-elect. He will succeed **Janet M. Weisenberger** next year. Elected to the ASA executive committee were **Whitlow W. L. Au**, chief scientist at the Marine Mammal Research Program of the Hawaii Institute of Marine Biology, and **Winifred Strange**, a professor at the Graduate Center of Speech and Hearing Sciences of the City University of New York. Both Au and Strange will serve three-year terms.

## American Academy Elects New Members

The American Academy of Arts and Sciences elected 183 new fellows and 25 new foreign honorary members this past May. Those fellows doing physics-related research include

**Timothy J. Berners-Lee**, director of the World Wide Web Consortium and holder of the 3Com Founders Chair at the Laboratory for Computer Science at MIT.

**Demetrios Christodoulou**, professor of mathematics at Princeton University.

**Herman Z. Cummins**, distinguished professor of physics at the



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