

AAPM Recognizes Achievements in Medical Physics

At the annual meeting of the American Association of Physicists in Medicine, held in Milwaukee in July, **James Purdy** was presented with the William D. Coolidge Award for his distinguished career in medical physics. As a pioneer of three-dimensional treatment planning, Purdy, a professor in radiation physics and the chief of the physics section of the division of radiation oncology at the Washington University School of Medicine, in Saint Louis, has had a "substantial



JAMES PURDY

impact upon the field of radiation oncology" the award citation noted. Purdy was also cited for his role in many scientific and professional organizations and for his contributions to the medical physics literature.

The Award for Achievement in Medical Physics went to **Robert Gerson**, professor emeritus of radiology, radiation therapy and nuclear medicine at Thomas Jefferson University in Philadelphia. This award is given for outstanding career achievement in medical physics practice, education or organizational affairs and professional activities.

The Farrington Daniels Award was given to **Marek Maryanski**, president of MGS Research in Guilford, Connecticut; **Geoffrey Ibbott**, director of medical physics and assistant professor of radiation medicine at the University of Kentucky Medical Center; **Peter Eastman**, a graduate student in applied physics at Stanford University; **Robert Schulz**, professor emeritus of therapeutic radiology at Yale University and vice president of MGS Research; and **John Gore**, professor of diagnostic radiology and applied physics at Yale. Their paper "Radiation Therapy Dosimetry Using Magnetic Resonance Imaging of Polymer Gels" was recognized as the best paper on radiation dosimetry published in *Medical Physics* in 1996.

The Sylvia Sorkin Greenfield

Award, given for the best overall paper published in *Medical Physics* during the previous year, went to three colleagues in the Imaging Research Laboratories at the John P. Robarts Research Institute, in London, Ontario. **Ian Cunningham**, also of the radiology departments at the London Health Sciences Centre in Ontario and the University of Western Ontario, **Aaron Fenster**, also of the radiology department at Western Ontario and **Michael Westmore**, also a graduate student in the medical biophysics department at Western Ontario, won for their paper "Angular-Dependent Coherent Scatter Measured with a Diagnostic X-Ray Image Intensifier-Based Imaging System."

Canadian Physicists Honored

At its annual congress, held in June at the University of Calgary, the Canadian Association of Physicists honored five individuals.

The association presented the 1997 CAP Medal of Achievement to **Donald W. Sprung**, a professor of physics emeritus at McMaster University, for "his seminal theoretical work on nuclear forces, nuclear structure, quantum transport and other subjects."

Douglas Bonn received the 1997 Herzberg Medal for "his experimental microwave work contributing to a greater understanding of the nature of high-temperature superconductors." Bonn is an associate professor of physics and astronomy at the University of British Columbia and an associate of the Canadian Institute for Advanced Research.

The 1997 Award in Industrial and Applied Physics went to **J. A. (George) Dobrowolski** for "his innovative solutions to problems in the design, fabrication and evaluation of multilayer systems and graded index films for optical applications, including anti-counterfeiting devices." Although officially retired, Dobrowolski remains at the National Research Council of Canada as a guest worker.

Ernest L. McFarland garnered the 1997 Medal for Excellence in Teaching Undergraduate Physics. McFarland, a physics professor at the University of Guelph, was recognized for "his outstanding skill, innovations and achievements in education."

The 1997 Prize in Theoretical and Mathematical Physics, given jointly by CAP and the Centre de Recherche

Mathématique, was awarded to **Ian Affleck**, a professor of physics at the University of British Columbia and a fellow of the Canadian Institute for Advanced Research. Affleck was cited for "his very successful work in theoretical condensed matter physics highlighting field-theoretic methods and related mathematical physics."

IN BRIEF

In June the Astronomical Society of the Pacific honored **Eugene Parker** with its highest award, the Catherine Wolfe Bruce Gold Medal. Parker, the S. Chandrasekhar Distinguished Service Professor Emeritus in Physics and Astronomy & Astrophysics at the University of Chicago, was cited for distinguished contributions to the field of astronomy over his lifetime.

At the same gathering in June, ASP presented its 1997 Maria and Eric Muhlmann Award to **Edward Nather** for "recent significant observational results made possible by innovative advances in astronomical instrumentation, software or observational infrastructure." Nather is the Rex G. Baker, Jr. and McDonald Observatory Centennial Research Professor of Astronomy at the University of Texas at Austin.

In July, **Daniel Cox** and **Warren Pickett** became professors in the department of physics at the University of California, Davis. Cox was formerly a physics professor at Ohio State University, and Pickett was a senior scientist at the Naval Research Laboratory in Washington, DC.

David Campbell and **Jacques Kools** recently joined CVC, a supplier of thin film process equipment located in Rochester, New York. Campbell, who had been a member of the research faculty at Clarkson University's Center for Advanced Materials Processing, will be the New York process technology and applications development director. Kools, formerly a research scientist at Philips Research Laboratory in The Netherlands, is CVC's data storage PVD product director.

The 1997 Hewlett-Packard Europhysics Prize of the European Physical Society was awarded last month to **Albert Fert** of the University of Paris-South, **Peter Gruenberg** of the Jülich Research Center and **Stuart P.**