cy of 0.1%, and for other significant contributions to thermometry measurement over a distinguished career."

APS will present its Maria Goeppert-Mayer Award to **Deborah S. Jin**, a JILA fellow, a NIST physicist, and an assistant professor adjoint at the University of Colorado in Boulder. Jin has earned the award for her "innovative realization and exploration of a novel quantum system, the degenerate Fermi atomic gas, and the scientific promise portended by her pioneering work."

Two researchers will share the James C. McGroddy Prize for New Materials. The new materials whose discovery is cited by the 2002 prize are "single-wall carbon nanotubes, which can behave like metals or semiconductors, can conduct electricity better than copper, can transmit heat better than diamond, and rank among the strongest materials known." The recipients are **Sumio Iijima** and **Donald S. Bethune**. Iijima is a professor in the department of materials science and engineering at Meijo University in Nagoya, Japan, and a special research fellow for NEC Corp. Bethune is a research staff member at the IBM Almaden Research Center in San Jose, California.

The Lars Onsager Prize is to be presented to **Anatoly I. Larkin**, William I. and Bianca M. Fine Chair in Theoretical Physics at the University of Minnesota, Twin Cities. He is cited for "elucidating roles of fluctuations and randomness in collective phenomena, including critical behavior of uniaxial ferroelectrics, dependence of critical exponents in four dimensions on symmetry," and the ways in which "impurity pinning of vortices in superconductors destroys lattice order and controls critical currents."

APS will give the George E. Pake Prize to **Paul Horn**, senior vice president of IBM Corp in Yorktown Heights, New York, and director of research there. He is being honored for his "innovative contributions to the understanding of 1/*f* noise, the elucidation of surface phases and phase transitions, and his signal accomplishments in managing IBM Corporation's global research team."

The Earle K. Plyler Prize will be given to **Graham Fleming**, professor of chemistry and codirector of the Institute for Bioengineering, Biotechnology and Quantitative Biomedicine at the University of California, Berkeley, and director of the physical biosciences division at Lawrence Berkeley National Laboratory. Fleming is being cited for his "seminal work on chemical reaction dynamics in liquids and the dynamics of fundamental biological processes using femtosecond laser spectroscopy."

AAPT Elects New Vice President

Members of the American Association of Physics Teachers recently elected a new vice president for 2002: **James "Jim" H. Nelson**, a K–12 science curriculum specialist for Seminole County public schools in Sanford, Florida. Nelson, who took office last month, will become president-elect in 2003 and president in 2004, succeeding **Charles Holbrow**, who is now AAPT's president-elect.

"AAPT promotes association among those who contribute to the physics educational system," says Nelson. "The shortage of PhD candidates as well as high-school teachers suggests AAPT pay attention to the system as a whole. Although pre–high-school teachers teach science, AAPT members recognize many of the topics as physics." He adds, "As I serve my watch on the executive board, I will encourage AAPT members to support this system. This can be as simple as an AAPT member talking with local students or as far-reaching as AAPT working to provide opportunities for teachers at every level of the system to learn physics."

NELSON

Nelson earned a BS in physics with a minor in mathematics in 1960 from Lebanon Valley College and an ME in secondary education from Temple University in 1963. In 1968, he also earned an MS in physics from Clarkson University. Between 1961 and 1991, Nelson taught chemistry, computer science, mathematics, and physics at Harriton High School in Rosemont, Pennsylvania. Along with coaching athletics and acting as an adviser for extracurricular activities, he has been an active participant in professional educational associations.

In other AAPT election results, **Charles E. Robertson** (University of Washington, Seattle) and **Deborah Rice** (Gateway Institute of Technology in St. Louis, Missouri) will serve two- and three-year terms, respectively, on the AAPT executive board.

Russel Chosen to Head SoR

The Society of Rheology has announced **William B. Russel** as its new president. Russel, who began a two-year term last October, succeeds **Gerald G. Fuller**.

Russel received both a BA in chemical engineering and an MChE from Rice University in 1969 and a PhD in chemical engineering from Stanford University in 1973. After a postdoctoral year at Cambridge University, he joined the Princeton University faculty in 1974 as an assistant professor, receiving full tenure there in 1979. From 1987 to 1996, he chaired the chemical engineering department and served as director of the Princeton Materials Institute (PMI) between 1996 and 1998. Currently, he is an A. W. Marks '19 Professor at Princeton, a joint appointment of the chemical engineering department and PMI. Russel's research focuses on the phase behavior and rheology of colloidal dispersions with recent application to associative polymers, film formation from latex dispersions, and polyelectrolytes as stabilizers.

RUSSEL

The society's new vice president is **Susan Muller** (University of California, Berkeley). Others taking office are **Jeffrey A. Giacomin** (University of Wisconsin–Madison), who retains his position as secretary of SoR; **Montgomery T. Shaw** (University of Connecticut), who was elected as treasurer of SoR; and **Morton M. Denn** (City College of the City University of New York), who was reelected as editor of the society's *Journal of Rheology*. **Donald Baird** (Virginia Polytechnic Institute and State University), **Lisa Mondy** (Sandia National Laboratories), and **Robert Powell** (University of California, Davis) will also serve two-year terms as members-at-large on the society's executive committee.

IN BRIEF

At its annual meeting in Philadelphia last month, the Archaeological Institute of America, located in Boston, presented the 2002 Pomerance