

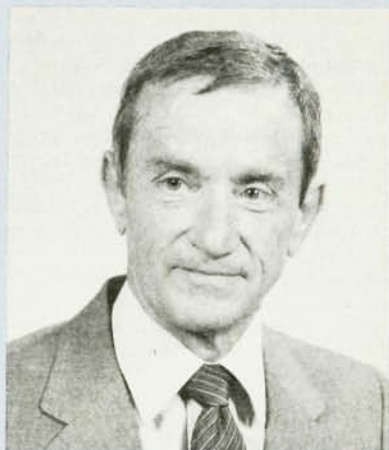
New APS Office of Public Affairs in Washington

The Council of The American Physical Society recently approved the establishment of an Office of Public Affairs in Washington, D.C. Robert L. Park of the University of Maryland has been appointed Executive Director of the new Office for the year 1983, during which time he will be on sabbatical leave. Park, who is actively involved in research in surface physics, served until recently as chairman of the Department of Physics and Astronomy at the College Park campus of the University.

The principal functions of the new Office will be to keep the Society informed of national and international developments that relate to the physics community and to respond to requests for physics information. The Office is

expected to work closely with the APS Panel on Public Affairs, with the American Institute of Physics and its member societies, and also to interact with other educational and scientific societies on matters of mutual concern. To that end, Maurice Goldhaber, APS President, sent letters announcing the new Office to each of the AIP Member Societies, as well as to the heads of university physics departments, and to other scientific organizations, requesting their suggestions and cooperation on topics of mutual interest.

Effective 1 January, Park can be reached at: APS Office of Public Affairs, Joseph Henry Building, Suite 737, 2100 Pennsylvania Ave. N.W., Washington, D.C. 20037. Telephone: (301) 454-4126.



PARK

Robert R. Wilson elected vice-president for 1983

The membership of APS has elected Robert R. Wilson, professor of physics at Cornell University, as its vice-president for 1983. He assumed this position on 1 January, succeeding Mildred S. Dresselhaus who became president-elect. Robert E. Marshak (Virginia Polytechnic Institute & State University) is the new president.

Wilson received his PhD from the University of California in 1940. He performed research at the Princeton cyclotron and in 1943 became leader of the Cyclotron Group and Head of the Research Division at Los Alamos. After a brief stay at Harvard University, he spent 20 years at Cornell University where he participated in the construction and use of a series of small-scale electron synchrotrons. His personal research involved the production of mesons and measurements of the electromagnetic structure of the proton and neutron.

In 1967 Wilson became Director of Fermilab, where he helped build the 400-GeV proton synchrotron. He became Director Emeritus in 1978. He served as professor of physics at the University of Chicago 1967-80 and at Columbia University 1980-82. He re-

turned to Cornell last fall.

Wilson has been active in the scientific community, serving on a number of important committees both within and outside of APS, which he joined in 1938. He is now a Fellow of APS and a member of the National Academy of Sciences. He helped form the Federation of American Scientists at the end

WILSON



of World War II and was its first chairman. In 1972 he helped organize and then served as a member on the International Committee of Future Accelerators in IUPAP. He has been a Councillor-At-Large of APS and is currently on the Executive Committee of the APS Division of the History of Physics.

Wilson's candidate's statement revealed a strong conviction that APS has many responsibilities to the physics profession and to society.

As an example, he advocated that APS speak out on public matters where technology is involved, but that it do so in a professional rather than a political way. Also among his goals are improving the role of women and of minority groups, and the effectiveness of physics education.

In the same election Robert K. Adair of Yale, Henry H. Barschall of the University of Wisconsin, and Boyce McDaniel of Cornell were elected to four-year terms as Councillors-at-Large, and Elizabeth Baranger of the University of Pittsburgh was chosen Chairperson-Elect of the Nominating Committee.

Two years after receiving his PhD in

1951 from the University of Wisconsin, Adair joined the Cosmotron Department at Brookhaven National Laboratory. Six years later he moved to Yale, where he has served as department chairman and Director of Physical Sciences and is now professor of physics. A Fellow of APS and member of the National Academy of Sciences, at various times Adair has held Guggenheim, Ford and Sloan Fellowships. He has occupied several APS editorial positions, most recently serving as editor of *Physical Review Letters*.

Barschall received his doctorate from Princeton University. After serving short periods as an instructor at Princeton and at the University of Kansas, he joined the staff at Los Alamos in 1943. Since 1946 he has been at the University of Wisconsin, Madison, where he has served off and on as chairman of the physics department; he has also had appointments on the faculties of engineering and of medicine. He is chairman of the physics section of the National Academy of Sciences. In 1982 he will complete his service on the National Committee for IUPAP, and as chairman of the AIP Publication Board. Barschall is currently editor of *Physical Review C*. He was the first recipient of the APS Tom W. Bonner Prize in nuclear physics.

McDaniel was awarded his PhD degree from Cornell University in 1943. During World War II he served at the MIT Radiation Laboratory and at Los Alamos, and returned to Cornell thereafter. For many years he has held the dual appointments of professor of physics and director of the Newman Laboratory of Nuclear Studies. During the early 1970s, while on leave from Cornell, he occupied technical management positions at Fermilab. He has served on several significant boards and committees, and is currently a member of the International Committee for Future Accelerators in IUPAP. McDaniel is a Fellow of APS and a member of the National Academy of Sciences.

Elizabeth Baranger is professor of physics and Graduate Dean, Faculty of Arts and Sciences, at the University of Pittsburgh. She received her PhD degree from Cornell University in 1954. After spending two years at Caltech, she joined the faculty at the University of Pittsburgh. In 1969 she became a senior research associate in the MIT Center for Theoretical Physics. She returned to Pittsburgh in 1973. Her research field has been nuclear theory. Currently her primary interest is in the administration of graduate programs. An APS Fellow, Baranger has served on a number of Society committees including Status of Women in Physics, Nominating, Executive Committee of the Forum, and POPA. She was a

member of the APS Council (1975-79) and the Executive Committee (1976-78). She is serving currently on the Panel on Faculty Positions for Women. As Chairperson-Elect of the Nominating Committee, she succeeds Ernest Henley, who is Chairman for 1983.

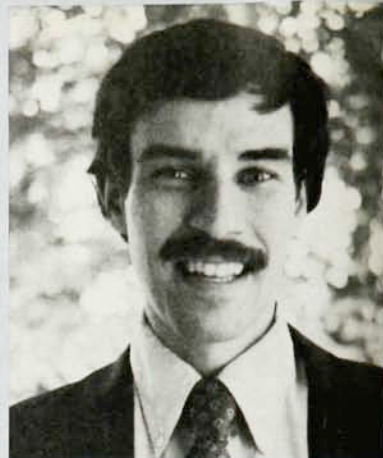
Holt and Treglio are APS Congressional Fellows

Rush D. Holt and James R. Treglio have emerged from a competitive selection process to become the 1982 APS Congressional Fellows, effective September 1982. The Fellowship Program, now in its tenth year, is aimed at providing qualified technical advice on pending physics-related legislation to members of the US Congress; Holt is now serving on the staff of Representative Robert Edgar (D-Pa.), while Treglio occupies the same position in the office of Senator Paul Tsongas (D-Mass.).

Each year, one or two promising young PhD physicists are selected to serve as APS Congressional Fellows for one year; they are provided with a stipend and placed in the office of a Congressman or Congressional Committee. The Society's vice-president (Mildred Dresselhaus in 1982) heads the special APS selection committee, and Mary L. Shoaf, Assistant Director of the Princeton Plasma Physics Laboratory, acts as Program Administrator.

James Treglio earned his PhD in physics at Stevens Institute of Technology and has since been involved in research in basic physics and applied technology for the US Navy, the Fusion Energy Corporation, General Dynamics/Convair, and the General Atomic Corporation. He has a number of publications and patents to his credit; his work focuses on nuclear-reactor operation, particle beams, high-voltage solar arrays, and superconducting magnets.

TREGLIO



HOLT

Rush Holt received his PhD (1981) in physics from New York University. Until his appointment as a Fellow, he was an assistant professor of physics at Swarthmore College. His special interests are astrophysics, optical spectroscopy, fluid dynamics, energy research, and science and public policy. He has worked as an independent consultant on energy (especially solar energy), environmental planning, and environmental noise control.

The APS Congressional Fellowship Program is complemented by similar programs sponsored by other technical societies; the American Association for the Advancement of Science serves informally as the coordinator for these separate programs.

APS places two Industrial Postdoctoral Fellows

Michael J. King and Stephen Millman have been selected as 1982 APS Industrial Postdoctoral Fellows; King has been placed at the Standard Oil Company Research Center in Cleveland, Ohio, and Millman at the IBM Research Laboratory in San Jose, California.

King received his PhD in physics from Syracuse University in August 1980 and was a postdoctoral research associate at Michigan State University until June 1982. His field of specialization has been direct-interaction theories and relativistic particle mechanics. In addition, he has had extensive laboratory experience in ultrasonics, cryogenics, vacuum technology and computer languages.

Millman earned all his university degrees at Boston University, receiving his PhD in 1982. His doctoral thesis involved the magnetic, electronic and structural properties of intercalated graphite compounds. His name either appears or will appear on ten publications based on his university work.