

division.

Hecker received his BS in 1965, his MS in 1967 and his PhD in metallurgy in 1968 from Case Western Reserve University. He was at Los Alamos from 1968 to 1970, when he moved to the General Motors Corporation Research Laboratories to work as senior research metallurgist. He returned to Los Alamos to join the chemistry and materials-science division in 1973, and he has been at the lab ever since.

Hecker received the Department of Energy's E. O. Lawrence Award for his work in materials science (PHYSICS TODAY, December, page 89).

Latest AIP employment survey finds strong job market

The latest employment survey released by AIP's Manpower Statistics Division describes a job market that remains very strong and on the whole is continuing to improve. The survey found that among those who earned degrees in physics in 1984, around 85% of those with PhDs (excluding postdocs) had found jobs in less than six months, and over 90% of those with bachelor's or master's degrees had found jobs within the same period. In fact, around 60% of the recipients of bachelor's and master's degrees found jobs within two months of graduation.

The employment survey was done in winter 1984-85 and it covered individuals who earned physics degrees in the academic year that ended on 30 June 1984. By the time the survey was completed, 98% of those who had earned PhDs the previous academic year were working either as postdocs or in potentially permanent positions—"only three of the responding new doctoral physicists were not yet employed and still seeking positions," the survey reports.

The 1984 employment survey is available free of charge from Susanne D. Ellis, Manpower Statistics Division, AIP, 335 East 45th Street, New York, NY 10017 (request AIP publication no. R-282.8).

Widnall of MIT is new president-elect of AAAS

The American Association for the Advancement of Science, in an association-wide election last fall, chose Sheila E. Widnall of MIT to become president-elect of AAAS starting 31 May 1986, following the association's annual meeting, which is to take place in Philadelphia. Widnall, a professor of aeronautics and astronautics at MIT, is only the fourth engineer and fifth woman to be elected president of AAAS

in 137 years.

Widnall received her bachelor's and master's degrees from MIT in 1961 and her doctorate from MIT in 1964, whereupon she became a member of the faculty. She became a full professor at MIT in 1974. Her research has been primarily in fluid dynamics.

Widnall served as Director of University Research, US Department of Transportation, in 1974-75. She has been a member of numerous advisory committees, including the Panel on Public Affairs of The American Physical Society. She is a member of the executive committee of the APS Division of Fluid Dynamics and an associate editor of *Physics of Fluids* and the *ASME Journal of Applied Mechanics*.

Widnall succeeds president-elect Lawrence Bogorad of Harvard University, who becomes AAAS president on 31 May 1986.

Paul-Henri Rebut is director of Joint European Torus

French physicist Paul-Henri Rebut has been appointed director of the Joint European Torus; he replaces H. O. Wüster, who died last June. Roy Bickerton, a British physicist, has been named deputy director of JET.

Rebut studied at l'Ecole polytechnique, Paris, and l'Ecole des poudres. He then joined the fusion division of the French atomic-energy commission and participated in the design, construction and operation of plasma-physics experiments throughout the 1960s. Rebut has worked on the theory of the stability and propagation of waves in plasma. He contributed to the development and use of the TFR tokamak at Fontenay-aux-Roses from 1970 to 1973, when he became head of the JET design team.

Bickerton read physics at the University of Oxford from 1948 to 1954, when he joined the staff of the United Kingdom Atomic Energy Authority at Harwell. In 1962 he joined Culham Laboratory, and in 1965 he became head of a division at Culham responsible for a number of fusion experiments, including the divertor and injection tokamak experiment. When JET was established, Bickerton was named associate director and head of the scientific department.

Five SPS chapters win 1986 Allied Awards

The Society of Physics Students has named five chapters to receive its 1986 Allied Awards, which are sponsored by the Allied Corporation. These were formerly known as the Bendix Awards and were funded by the Bendix Corporation.

The SPS chapter at Old Dominion

University (Norfolk, Virginia) will receive \$1600 for its project "Study of the Sun using a phase-sensitive radio interferometer"; Desmond C. Cook is the adviser. The chapter at Oklahoma State University (Stillwater) will receive \$1400 for "Luminescence spectroscopy of terrestrial and meteoritic feldspar"; S. W. S. McKeever, adviser. The chapter at Luther College (Decorah, Iowa) will receive \$1250 for "Telescope automation"; Richard Kellogg, adviser. The University of Pittsburgh chapter will receive \$450 for the "University of Pittsburgh radio telescope project"; Julia A. Thompson, adviser. The group at the Illinois Institute of Technology will receive \$300 for its "Investigation of the superconducting transition of the PbO_x alloy system"; John Zasadzinski, adviser. Five SPS chapters received honorable mentions for their proposals: those at Depauw University (Greencastle, Indiana), Jacksonville University (Jacksonville, Florida), the University of Missouri (Kansas City), Thiel College (Greenville, Pennsylvania) and the University of Wisconsin (Platteville).

The society also named seven chapters to receive Marsh W. White Awards: Columbia University, Alan L. Blaer, adviser, for publishing the booklet *Physicists at Columbia*; Jacksonville University, J. Steve Browder, adviser, for the "introduction to the Duval County community of the new Jacksonville University Observatory"; Oklahoma State University, for the "demonstration of several principles of physics to high-school classes"; the University of Pittsburgh for its "high-school interaction program and public lectures on physics"; Sam Houston State University (Huntsville, Texas), Russell L. Palma, adviser, for "construction of electromechanical devices for demonstration in the physics department"; Texas Southern University (Houston), Etta F. Walker, adviser, for "physics career awareness focus"; and Thomas More College (Crestview Hills, Kentucky), Jack Wells, adviser, for its "traveling demonstration shows and expanding open house." Honorable mention was given to the SPS chapters at Stephen F. Austin State University (Nacogdoches, Texas), the State University of New York at Cortland and Thiel College.

in brief

The Institutional Council of Utah State University has recommended the establishment at the university in Logan of a new International Institute of Theoretical Physics. The state has budgeted \$50 000 to support the institute in each of the next three years. Arnold Rosenblum, who previously was at Temple University, has been named director of the institute. □