

and Center for Publishing. He also has taught at the University of Denver's Publishing Institute and the graduate school and university center at the City University of New York.

From 1960 to 1968 Baensch worked for McGraw-Hill Book Company, where he was manager of an information systems reference business, editorial director of the international division, manager of the foreign rights department and sponsoring editor of the medical books division. From 1968 to 1980 he was vice president and director of the international divi-

sion at Harper & Row Publishers Inc. From 1980 to 1982 he was president and chief executive officer of Springer-Verlag of New York, the US subsidiary of Germany's leading scientific and technical publisher. From 1983 to 1988 he was vice president for marketing at the Macmillan Publishing Company.

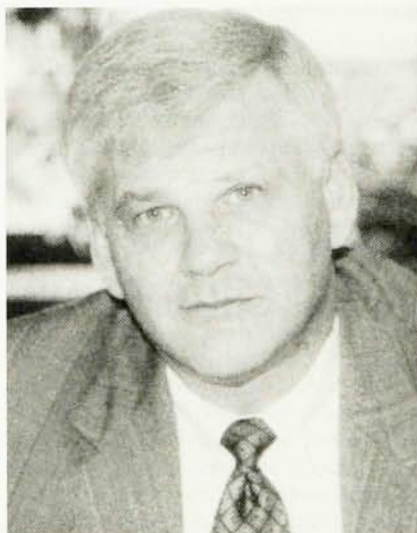
Baensch is chairman of the executive council of the professional and scholarly publishing division of the Association of American Publishers and is on the board of directors of the Society for Scholarly Publishing.

KIRWAN NAMED MANAGER OF AIP'S EDUCATION DIVISION

Donald F. Kirwan of the University of Rhode Island has become the manager of the education division of the American Institute of Physics, effective 1 September. The education division is being expanded and relocated from Woodbury, Long Island, to AIP's offices in Washington, DC. The division's responsibilities include administering the Society of Physics Students. In Washington, the division is to become more active in fostering cooperation and communication among AIP's ten member societies and will develop stronger relations with educational associations and governmental education agencies.

In the estimation of John Rigden, AIP's director of physics programs, education unites the physics societies more than any other single concern. Hence, Rigden says, it will be Kirwan's mission to work closely with the societies, both individually and collectively, and to initiate educational activities that complement those of the member societies.

Kirwan received his degrees in physics at the University of Missouri, Columbia (BS, 1963, MS, 1964, and PhD, 1969). He joined the faculty at the University of Rhode Island in



Donald F. Kirwan

1967 and became a full professor there in 1981. Kirwan is editor of *The Physics Teacher* magazine, which is published by the American Association of Physics Teachers. He has served on the AAPT and SPS executive boards.

Education fellow

In other AIP education news, Jorge Barojas of the University of Mexico has joined the staff at the Washington office as 1988-89 senior education fellow, succeeding Sallie A. Watkins. Watkins was the first AIP senior education fellow, a newly created position. She had "no shoes to step into," Rigden observes, and "she did a marvelous job."

In addition to continuing some of the activities initiated by Watkins, who sought to foster greater participation of women and minorities in physics, Barojas will be involved in an effort to reformulate the introductory college-level physics curriculum—an

NSF-supported endeavor that Rigden has been working on with Robert Resnick of Rensselaer Polytechnic Institute and Donald Holcomb of Cornell University (see *PHYSICS TODAY*, October 1987, page 107, and May 1987, page 87).

Barojas earned his bachelor's degree in 1966 and his master's in 1968 at the Autonomous National University of Mexico and his PhD at the Faculté des Sciences in Paris in 1970. He was an instructor at the Autonomous University's national high school in 1961-62, an assistant professor at the university from 1963 to 1968, head of the undergraduate laboratories in 1964-65 and a professor of physics in 1974-75. Since 1975 he has been a professor of physics at the Autonomous Metropolitan University of Iztapalapa. He was head of the molecular physics group at Iztapalapa from 1977 to 1985, and he has been director of the university's group on science and technology education since 1986.

Barojas has done research in liquid-state theory, small-particle systems and double-layer problems. In physics education, his interests include teacher training, cognitive development, educational uses of microcomputers and curriculum development.

Barojas is editor of *Contactos*, a Spanish-language journal of science and technology. He is the coordinator of a physics teacher training program sponsored by the Mexican Ministry of Education.

Condell retires

William J. Condell retired at the end of May as manager of AIP's Washington office. A former staff member of the Office of Naval Research, Condell joined the DC office two years ago, shortly after its establishment in the American Geophysical Union's building on Florida Avenue. In addition to helping organize the office, Condell revived AIP's visiting scientist program and prepared a book on the Federal budgetary process.

AIP ANNOUNCES MEGGERS EDUCATION AWARD WINNERS

Five individuals have been named winners of AIP's 1988 Meggers Project Award, a biennial grant designed to support the improvement of high school physics teaching in the United States. The newly established award consists of a total of \$25 000 to be divided among one or more outstanding projects. Applications for the

Physics Teacher Search

A search committee has been established to recommend a new editor for *The Physics Teacher*, which is published by the American Association of Physics Teachers. The current editor, Donald F. Kirwan, has resigned effective 1 July 1989. The head of the search committee is Joe F. Pizzo of Lamar University in Beaumont, Texas. Nominations and applications should be addressed to J. F. Pizzo, Box 10046, Lamar Station, Beaumont TX 77710.

1988 award were solicited late last year via advertisements in the *AAPT Announcer* and *The Physics Teacher*, announcements at meetings, an AIP press release and informal conversations. The winners were recommended by an award committee made up of representatives of AIP member societies, and the award was administered this year by Sallie A. Watkins, the AIP senior education fellow in Washington.

The five 1988 winners and their projects are Mary Martinez Rozek, Madonna College in Livonia, Michigan, \$13 200 to enable 25 minority and female students to be trained in the use of calculators and the application of fundamental mathematical and physical principles; W. V. Stoecker and Susan Bates, Rolla Middle School in Rolla, Missouri, \$5000 to make interactive science exhibits and other science learning resources available to youngsters living in a rural area; Vijendra K. Agarwal, Moorhead State University in Moorhead, Minnesota, \$4000 to train 30 high school physics teachers in the use of hands-on activities, demonstrations and computer simulations; Joanne Langabee, Papillion LaVista High School in Papillion, Nebraska, \$1500 for a physics demonstration show that high school students will present to two junior high school classes; and William J. Boone, Catholic Memorial High School in Waukesha, Wisconsin, \$1300 to develop lectures, materials and labs to introduce students to geophysical applications of basic physical principles.

The Meggers Project Award is supported by a bequest left by William F. Meggers, an NBS spectroscopist, and his wife, Edith R. Meggers, to further physics education (see *PHYSICS TODAY*, January 1987, page 73).

US TEAM GARNERS THREE SILVERS IN PHYSICS OLYMPIAD

Participating for the third year in a row in the International Physics Olympiad, which this year took place in late June and early July in Bad Ischl, Austria, the US team put in its best-ever performance. The five high school students on the team won three silver medals and an honorable mention; in each of the two previous years the US team won three bronze medals. The gold medals were about evenly distributed among several teams, but a member of the British team achieved the highest score this year.

The US contestants were Michael Edwards of Houston, Texas; Hoyt Hudson of Winnetka, Illinois; Ian Lovejoy of San Francisco, California; Mark Schnitzer of Newton, Massachusetts; and Matthew Stone of Bristol, Rhode Island. Edwards, Lovejoy and Stone won silver medals, Hudson an honorable mention.

The US contestants were selected from a pool of 409 nominees, who sat for a first-round examination last February. Those scoring 67 percent or better took a second test, and 20 were selected for the team and brought to the University of Maryland, College Park, for intensive training during the last week of May. Arthur Eisenkraft, a high school teacher from Bedford, New York, once again served as an academic director of the team, and Larry Kirkpatrick of Montana State University served as codirector. For the third year in a row Jack Wilson, a professor at the University of Maryland and executive director of the American Association of Physics Teachers, was director of the US Olympiad program.

The US program received support this year from AAPT, the American Institute of Physics, The American Physical Society, the American Association of Physicists in Medicine, the American Vacuum Society, IBM, the Office of Naval Research, Bell Communications, Comsat, Schlumberger-Doll Research, Ford Motor Company, Lockheed Corporation, the Optical Society of America, the Philosophical Society of Washington, the American Association for the Advancement of Science, the International Society for Optical Engineering, Janis Research, Eastman Kodak, Hewlett-Packard, LeCroy Corporation and William Lehrfeld. The publishers Addison-Wesley and Allyn-Bacon donated textbooks.

The US Olympiad program met its budget this year, Wilson reports, but additional sponsors are sought for years to come. In particular, added funding is needed so that the US can host the Olympiad sometime in the early 1990s, Wilson says.

OSTERBROCK TAKES OFFICE AS AAS PRESIDENT

Donald E. Osterbrock of the University of California, Santa Cruz, has taken office as president of the American Astronomical Society, having served one year as president-elect (*PHYSICS TODAY*, May 1987, page 84). Osterbrock succeeds Bernard F.

Burke of MIT and will serve a two-year term.

Frank H. Shu of the University of California, Berkeley, has been elected to a three-year term as AAS vice president. Last year AAS increased the number of vice presidents from two to three and provided for a new vice president to be elected each year. J. Roger Angel of the University of Arizona is serving the second year of a three-year term, and Stephen E. Strom of the University of Massachusetts, Amherst, the second year of a two-year term.

In other election results, Charles R. Tolbert was reelected to a second three-year term as education officer. The three newly elected councilors to the nine-member council are Roger A. Chevalier of the University of Virginia, Alan Dressler of Mount Wilson and Las Campanas Observatories, and Silvia Torres-Peimbert of the Autonomous National University of Mexico.

PHYSICS OF FLUIDS IS DIVIDED INTO A AND B SECTIONS

Starting at the beginning of 1989 the AIP journal *Physics of Fluids* will appear in two parts, with A covering fluid dynamics and B plasma physics. Both will appear monthly. The split results from the growth of the journal and reflects the existing division of responsibility between Andrew Acrivos of the City College of New York, who will now be in charge of A, and Fred Ribe of the University of Washington, Seattle, who will be editor of B. Subscribers who belong to AIP member societies will be able to choose to receive A or B or both. Nonmember subscribers, such as libraries and institutions, will be offered only the joint subscription.

IN BRIEF

A new brochure for middle-school and high school students called "Careers in Physics" is available from The American Physical Society and the American Institute of Physics. Individual copies are free and bulk orders are filled at 10 cents per copy. Contact Public Information, AIP, 335 East 45 Street, New York NY 10017.

Construction of the 6-GeV European Synchrotron Radiation Source officially began on 1 January, following an agreement on financing by ten European countries. ■