

ing six facilities and to set up between four and six additional facilities. \$4.8 million is budgeted throughout NSF for this program in 1980. The amount of money budgeted within his directorate for RIF's is down 5% from last year.

Astronomy. There will be an added emphasis in 1980 on improving instrumentation at the five national astronomy centers within the Astronomical, Atmospheric, Earth and Ocean Sciences Directorate at NSF, according to John Slaughter, head of that directorate. Plans for major new instruments are being developed at two of the national centers. NSF will budget \$200 000 for exploring next generation optical telescope developments at the Kitt Peak National Observatory (PHYSICS TODAY, October 1978, page 19). Kitt Peak will

augment this amount with funds from its operating budget. The National Radio Astronomy Observatory will continue to plan for a new 25-meter-diameter millimeter-wave telescope. Major funding for this project is expected to begin in FY 1981 or later. At Cerro Tololo Interamerican Observatory, \$200 000 is budgeted for instrumentation for the 4-meter optical telescope. Several new minicomputers costing \$300 000 will be installed at the telescopes on Kitt Peak for use by visiting scientists.

The sum of \$5.3 million has been budgeted for the completion of the Very Large Array radio telescope at Socorro, New Mexico in FY 1980. In addition, \$3.4 million is slated for operation of the VLA in 1980 as more of the antennas come into operation. Fifteen of the

planned 27 antennas are currently operational there, and by the third quarter of FY 1980, 20 antennas will be operating.

At universities receiving astronomy research grants, there will be more emphasis on detectors and spectrometers for existing telescopes (\$260 000) and very-long-baseline interferometry (\$150 000).

The budget for the National Radio Astronomy Observatory is \$18 million. This includes construction and operation costs for the VLA totalling \$8.7 million. The other observatories are being funded as follows: Kitt Peak National Observatory, \$10.6 million; National Astronomy and Ionospheric Center (Arecibo, P.R.), \$5 million; Cerro Tololo Interamerican Observatory (La Serena, Chile), \$4.9 million; Sacramento Peak Observatory, \$1.7 million.

—MEJ

the physics community

AAPM chooses Waggener as president-elect

The American Association of Physicists in Medicine has chosen Robert G. Waggener as its president-elect for 1979. Waggener is a professor of radiology in the division of medical physics at The University of Texas Health Science Center, San Antonio. He succeeds Bengt E. Bjarngard (associate professor of radiation therapy, Harvard Medical School), who became president on 1 January.

AAPM's new secretary is Arnold Feldman, a radiological physicist at

Graduate School of Biomedical Sciences, Houston, in 1967. He served as a post-doctoral fellow in physics at the M.D. Anderson Hospital and Tumor Institute, Houston, during 1967 and 1968. He became professor at The University of Texas Health Science Center in 1972. He is the co-editor of the *Handbook of Medical Physics* and has been a member of AAPM's board of directors since 1974.

Einstein exhibit and catalog of photos ready

A traveling exhibit and a catalog of photographs, both dealing with Albert Einstein, have been prepared by the AIP Center for History of Physics. The exhibit emphasizes Einstein's contributions to science and also illustrates his cultural and intellectual concerns. It consists of eighteen 2' x 4' foam-core panels, each with photographs, reproductions of documents and captions. The Center produced the exhibit for the Institute for Advanced Study in Princeton under a grant from the National Endowment for the Humanities. There are 65 copies of the exhibit available for distribution during this, the Einstein Centennial Year (March 1979–March 1980), to museums, universities and other appropriate facilities.

Images of Einstein: A Catalog contains miniature reproductions of over 600 photographs of Einstein. It also includes information on film clips and some photographs of significant predecessors and colleagues of Einstein.

For a copy of the catalog, send \$10 (for individuals) or \$15 (for organizations) to Einstein Catalog, Center for History of Physics, AIP, 335 East 45th Street, New York, N.Y. 10017. The catalog contains a \$5 credit coupon for orders of photo-

graphs that are available from the Center. Inquiries concerning the exhibit can also be sent to the Center.

AIP holds workshops to guide long-range plans

The dissemination of physics information to scientists and to the general public was the focus of two workshops held by the American Institute of Physics last October. The workshops were preparation for subsequent AIP Executive Committee discussions of long-range planning of AIP's activities. Participants included AIP staff members and committee chairmen and several Executive Committee members.

The workshops focussed on three areas that AIP Governing Board chairman Philip M. Morse has identified as important in AIP's current and future activities. These are "the publishing of scientific information for physicists, other scientists and engineers; the development of secondary information services that would improve the transfer of this technical and scientific information, especially to the larger science and engineering community as a whole; and other, primarily non-publishing activities which create an informed lay public, work to assure continued high standards of education for non-scientists and physicists alike and which ensure an ample recruitment of talent."

H. William Koch, director of AIP, noted that "while no new mechanisms for support and no major new directions were identified at the workshops, opportunities exist for expansion within current activities along an evolutionary path." He welcomes further comment on AIP's future programs from the physics community and the interested public. □



WAGGENER

Methodist Medical Center of Illinois in Peoria. Ann L. Forsaith has been re-elected to a second term as treasurer. She is manager of the medical physics section of the department of medical physics and engineering at William Beaumont Hospital, Royal Oak, Michigan.

Waggener received his PhD in biophysics from the University of Texas