

million in FY 1979), it does have a large program (about \$50 million) in basic research as well. DARPA currently has large programs in computer science and materials, and also supports work in geophysics and lasers.

Gamota's office has in the last few months been trying to reduce paperwork in obtaining support and is developing a DOD universal research agreement. Contracts written under this agreement will be simple, one-page long, and easy to understand and implement.

In-house labs. Gamota observed that overall physics employment at the in-house laboratories has remained stable over the last few years, although he pointed out that some fields, such as solid-state physics, lasers and optical science, may have gained, while others, including nuclear sciences, may have gone down.

The Naval Research Laboratory per-

forms the greatest amount of in-house basic research. Other important centers of military basic research include the Harry Diamond Laboratories in Adelphi, Md. (high voltage-high current pulsed-power work), the Night Vision Laboratory in Fort Belvoir (night-vision electronics and materials) and the Ballistic Research Laboratory at Aberdeen Proving Ground (mathematical physics), all under the Army, and the Naval Weapons Center in China Lake, Calif. (lasers and optics), the Naval Ocean Systems Center in San Diego, Calif. (electronics and underwater work) and the Naval Surface Weapons Center in White Oak, Md. (explosive and energetic materials).

The bulk of Air Force basic research is done at several laboratories at the Wright-Patterson AFB complex (materials, electronics, aeronautics propulsion and guidance). The Air Force also supports work at the Air Force Geophysics

Laboratory at Hanscom AFB in Bedford, Mass. and the Rome Air Development Center at Griffiss AFB, N.Y. and Hanscom AFB (electronics) —CBW

in brief

Duane C. Sewell has been sworn in as Assistant Secretary for Defense Programs in the DOE. He is responsible for DOE's programs that support the national defense, which amount to \$1.6 billion of the 1978 DOE budget.

Robert J. Budnitz has been appointed deputy director of the Nuclear Regulatory Commission's office of nuclear regulatory research. He was formerly associate director of the Lawrence Berkeley Laboratory and head of LBL's energy and environment division.

the physics community

Optical Society elects DeMaria vice president

Anthony J. DeMaria, manager of the Electromagnetics and Physics Laboratories at the United Technologies Research Center in East Hartford, Conn., has been elected vice president of the Optical Society of America for 1979. He



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will succeed Warren J. Smith (Infrared Industries, Santa Barbara, Calif.), who will become president-elect. Dudley Williams (Kansas State University), the current president-elect, will ascend to the presidency, succeeding Emil Wolf (University of Rochester), who becomes junior past president. All four officers will serve on the OSA board of directors.

DeMaria received his PhD in electrical

engineering from the University of Connecticut in 1965. He joined the staff of the United Technologies Research Center as a research scientist in 1958, and has done research there in acousto-optics, picosecond pulses, nonlinear optics, laser physics and high-power gas lasers. He also serves as an adjunct professor of physics at the Hartford Graduate Center of Rensselaer Polytechnic Institute. He is editor of the *IEEE Journal of Quantum Electronics* and is a member of the National Academy of Engineering.

Elected to three-year terms as directors-at-large are Nicolaas Bloembergen (Gordon McKay Professor of Applied Physics and Rumford Professor of Physics, Harvard University), Valerie Olson (project manager of optical fabrication, Rocketdyne Division, Rockwell International, Canoga Park, Calif.) and James C. Wyant (associate professor, Optical Sciences Center, University of Arizona).

Goodman becomes editor of JOSA

Joseph W. Goodman has been elected the new editor of the *Journal of the Optical Society of America*, succeeding Douglas C. Sinclair. His three-year term is to begin with the January 1979 issue. Goodman received his PhD in 1963 from Stanford University, where he is now professor of electrical engineering. His research interests include Fourier optics, holography and optical information processing. He has been an associate editor of *JOSA*, and has served as chairman of the OSA editorial board for the past two years. He is a past co-editor of the journal *Applied Physics*, and is currently co-

editor of the book series *Laser Applications* and Associate Editor of the journals *Optical Engineering* and *Computer Graphics and Image Processing*.

in brief

The Acoustical Society of America invites members to apply for a Congressional Fellowship, which enables the recipient to spend a year, beginning 1 September 1979, as a Congressional staff member. For further information, contact Betty Goodfriend, Acoustical Society of America, 335 East 45th St., New York, N.Y. 10017. Deadline for application is 31 January; an announcement of the award will be made before 15 April. The award is \$20 000, plus \$2000 for travel and/or relocation expenses.

The Optical Society of America, in cooperation with the American Association for the Advancement of Science, is now accepting applications for 1979-80 Congressional Fellowships. Further information is available from Jarus W. Quinn, Executive Director, Optical Society of America, 2000 L Street, N.W., Washington, D.C. 20036. The deadline for receipt of completed applications is 1 February.

AIP's Manpower Placement Division has a new placement supervisor, Beverly Citrynell. Her responsibilities include overseeing the listing of employment opportunities compiled and distributed by the division and organizing the placement centers the division operates at AIP member-society meetings. She replaces Dorothy Gleason, who died last April. □