

the rheological properties of polymer melts and solutions and of other fluids, and he has worked on new techniques for measuring rheological properties of molten polymers and has studied the relationships between such properties and processing behavior.

Two additional members have been elected to the Executive Committee of the Society of Rheology: Robert C. Armstrong of MIT and William B. Russel of Princeton University. William R. Schowalter of Princeton University has joined the committee as past-president.

Edward A. Collins of the MITECH Corporation was reelected treasurer. Donald G. Baird of Virginia Polytechnic Institute and State University was elected secretary, and Arthur B. Metzner of the University of Delaware is the new editor of the *Journal of Rheology*.



CARSON

Clinic, who becomes AAPM president in January 1986.

Carson is professor of radiology and director of radiologic physics and engineering in the department of radiology at the University of Michigan, Ann Arbor. He joined the Michigan faculty in 1981 after spending ten years as a member of the radiology department at the University of Colorado School of Medicine.

Carson received his PhD in 1972 from the University of Arizona, Tucson, and his BS in 1965 from Colorado College. He has published frequently on ultrasound and magnetic-resonance imaging, with emphasis on quantitative imaging and systems performance and safety standards. He is certified in radiological physics by the American Board of Radiology.

Carson would like to strengthen AAPM by attracting new members from closely related professional fields who work in medical physics, such as magnetic-resonance spectroscopists and computer scientists working in medical imaging.

## in brief

The Cambridge Crystallographic Data Base, which together with the Brookhaven Data Base is one of the leading information services in crystallography, is now distributed in the United States by the Medical Foundation of Buffalo. Persons interested in obtaining more information about the Cambridge Crystallographic Data Base should write to William L. Duax, Medical Foundation of Buffalo, 73 High Street, Buffalo, NY 14207.

NASA's Lewis Research Center has

opened a new facility, the Microgravity Materials Science Laboratory, to provide a low-cost, low-risk way of conducting experiments with equipment which duplicates that on the space shuttle. The laboratory will be made available initially for experiments involving metals, alloys and electronic crystals and will be expanded later to accommodate ceramics, glasses and polymers.

Scores on the Educational Testing Service's Scholastic Aptitude Test rose for the second year in a row in 1984-85, by the largest amount in 21 years. The average verbal score went up 5 points to 431, while the average math score went up 4 points to 475. Still, the combined average score was 74 points below the 1963 peak.

Spacehab, a division of the Space Development Corporation in Seattle, Washington, has announced that it soon will select a US prime contractor to build a newly designed pressurized habitat module to fit into the payload bay of the space shuttle. The modules may be ready for use in late 1987, depending in part on the outcome of negotiations with NASA. Italy's Aeritalia, which built the primary structure and thermal-control system for the shuttle's Spacelab modules, has joined the project as a European partner. Germany's MBB-ERNO, prime contractor for Spacelab, also may participate.

Japan's TDK Corporation, a leading manufacturer of magnetic recording tapes and ferrite products, has made a gift of \$1 million to MIT to endow the TDK Professorship in Materials Science and Engineering. MIT has selected Bernhardt J. Wuensch, a specialist in ceramics and crystallography, to be the first TDK Professor.

ITT Corporation has awarded a grant of \$1.1 million to Yale University to establish a research laboratory for optoelectronics materials at the university's Becton Engineering and Applied Science Center. Research projects will be carried out jointly by ITT scientists and Yale faculty and students, and the focus will be on development of new materials for integrated optoelectronic circuits using gallium arsenide compounds.

A new video course in fluid dynamics, designed for use in the workplace by engineers, scientists and technical managers, is available from MIT's Center for Advanced Engineering Study. The course was written by MIT professor Ascher H. Shapiro and consists of 39 color videotapes, each about 55 minutes long, three course manuals and two textbooks. Further information can be obtained from Carolyn B. Johnson, Video Education Coordinator, Room 9-234, MIT, Cambridge, MA 02139. □

## AIP and OSA agree to translate *Chinese Journal of Lasers*

Starting this year, AIP and the Optical Society of America will jointly publish a cover-to-cover translation of *Chinese Journal of Lasers*, which will appear monthly as *Chinese Physics—Lasers*. The first number will be a translation of the January 1986 issue. The aim is to publish each translated number within about six months of the original, as with the Soviet translation journals.

The editor of the translation journal is Chinlon Lin, director of R&D at General Optronics in Edison, New Jersey. Lin received a BS from National Taiwan University in 1967, an MS from the University of Illinois in 1970 and a PhD in electrical engineering from the University of California, Berkeley, in 1974. He worked at AT&T Bell Labs in the laser science research department, specializing in nonlinear optics in fibers, fiber dispersion and high-speed semiconductor optics.

Each issue of *Chinese Physics—Lasers* is expected to be about 64 pages long. An annual subscription will cost \$300 in the United States, \$306 overseas by surface mail, \$312 in Europe by air and \$316 in Asia by air. Further information can be obtained from Marketing, AIP, 335 East 45th Street, New York, NY 10017.

## Physicists in Medicine choose Carson president-elect

The American Association of Physicists in Medicine has chosen Paul L. Carson as its president-elect for 1986. At the beginning of 1987 Carson will succeed Edwin C. McCullough of the Mayo