

nois Department of Business and Economic Development. Engineering specialties of the staff include mechanical, optical, electrical, electronics, industrial and production.

As technology transfer agents, they provide a link between research scientists and industrial businessmen. The liaison effort has borne fruit: More tax dollars are generated through increased business hiring and prosperity than is used to run the program itself, according to a spokesman for the division.

Help has come in the areas of new product development, technology implementation, production-flow development, cost accounting development, estimating procedures and production simplification.

Information can be obtained from Division of Science and Technology, State of Illinois, Suite 1122, 205 W. Wacker, Chicago, Ill. 60606.

in brief

A *Journal of Electrostatics* will be published quarterly, probably beginning in the fall of 1974. Manuscripts should be submitted to J. C. Gibbins, Faculty of Engineering Science, The University of Liverpool, Brownlow Hill, Liverpool L69 3BX, UK. For sample copies of the journal write to the Elsevier Scientific Publishing Co, PO Box 211, Amsterdam, The Netherlands.

A \$100 000 six-month-long project, funded by the Electric Power Research Institute and involving basic research on the synthesis of catalysts for coal liquefaction and gasification, has been negotiated between the Institute and the W. F. Libby Laboratories of Santa Monica, Calif.

The Atomic Energy Commission has

given grants in support of projects to study the generation of electricity by geothermal energy to Lawrence Berkeley Laboratory and the University of California, Berkeley, (\$800 000) and to Lawrence Livermore Laboratory (\$350 000).

Experiments for a series of physical-science laboratory manuals are solicited. The project is a joint endeavor of NSF, AEC and North Texas State University. For complete information, write to Jerome L. Duggan, Physics Dept., North Texas State University, Denton, Texas 76203.

A NASA-Stanford Joint Institute for Aeroacoustics has been established with fundamental research into the causes of noise pollution and the training of scientists in the field as primary objectives. Krishnamurty Karamcheti is the institute's director.

the physics community

Acoustical Society elects Gales and Cramer

Newly elected officers of the Acoustical Society of America are president-elect Robert S. Gales, of the Naval Undersea Research and Development Center in San Diego, California, and vice president-elect William S. Cramer, of the Naval Ship Research and Development Center in Washington, D.C.

Elected to the executive council were David M. Green (Harvard University); John C. Snowdon (Applied Research Laboratory, State College, Pennsylvania);

Lois L. Elliott (National Institutes of Health), and Chester M. McKinney (Applied Research Laboratories, University of Texas). Former president-elect Murray Strasberg, of the Naval Ship Research and Development Center in Washington, D.C., assumes the role of president, and Arthur H. Benade, of the physics department at Case Western Reserve University, formerly vice president-elect, becomes vice president.

Gales has studied hearing aids, audio masking, measurements and methods of detection of underwater sounds, and voice communication. He received his MA from the University of California at Los Angeles in 1942.

Cramer earned his PhD from Brown University in 1948. His interests include acoustic properties of plastics, and underwater and physical acoustics.

Two employment messages from AAS president Bok

Equal opportunities for women in astronomy, and employment of astronomers by colleges presently without astronomy programs were the subject of two circular letters recently distributed by American Astronomical Society president Bart J. Bok.

In his first letter, directed to astronomy department chairmen, observatory directors and other employers of astronomers, Bok outlined some conclusions of a recent study conducted by the AAS Working Group on the Status of Women in Astronomy. Among other facts, Bok noted that the percentage of women members in the AAS

has dropped from 17% in 1941 to 8% at present, and that the percentage of PhD's granted to women has declined from 14% in 1947 to 8%. He asked recipients of his letter to take specific steps to create equal employment and career opportunities for women.

Bok sent his second letter to deans of science in liberal-arts colleges and junior colleges, pointing out that approximately 300 000 undergraduates are taking astronomy courses each year. He asked colleges without astronomy programs to consider employment of the many highly qualified astronomers who are without work because of the recent decline in federal funding for astronomy. Explaining that the Society maintains a Register of Astronomers seeking employment as well as an Astronomer's Job Register listing current job openings in the field, Bok suggested that interested parties write to Henry M. Gurin, Executive Officer, American Astronomical Society, 211 FitzRandolph Road, Princeton, N.J.

Audrey Likely becomes AIP public-relations director

Audrey Likely has been appointed director of the public-relations division (formerly the public-information division) of the American Institute of Physics. During her 18 years with AIP she has held several public-relations positions: assistant to the director, assistant director, acting director, and, now, director of press relations. Recently she was named to the 1974-75 executive board of the National Association of Science Writers, Inc. □



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