

## University News:

Heriot-Watt

MR. W. L. BRIDE, reader and deputy head of the Department of Mechanical Engineering, has been appointed to the newly established chair of applied mechanics in the department.

### Massachusetts Institute of Technology

THE following appointments to professorships have been made: Peter Griffith and Ernest Rabinowicz (mechanical engineering); Robert L. Kyhl, Robert G. Gallager and Paul E. Gray (electrical engineering); Henry W. Kendall, Stanislaw Olbert, Lawrence Rosenson and Jerome I. Friedman (physics); Gene M. Brown and Eugene Bell (biology); Prescott D. Crout, George P. Wadsworth and Francis Hildebrand (mathematics); Patrick Leehey (naval architecture and marine engineering); Theodore R. Madden (geology and geophysics).

## Appointments

DR. LEWIS SLACK, assistant executive secretary of the Division of Physical Sciences of the U.S. National Academy of Sciences in Washington, D.C., has been appointed associate director of the American Institute of Physics.

## Announcements

THE following have been elected foreign members of the Royal Society: PROFESSOR M. DELBRÜCK, professor of biology in the California Institute of Technology, Pasadena; DR. J. F. ENDERS, chief of research in the Division of Infectious Diseases, Children's Medical Center, Boston; PROFESSOR R. S. MULLIKEN, Ernest De Witt distinguished service professor in the Department of Physics, University of Chicago; PROFESSOR J. H. VAN VLECK, Hollis professor of mathematics and natural philosophy, Harvard University, Cambridge.

THE Royal Geographical Society has made the following awards for 1967: *Founder's Medal* to Claudio and Orlando Vilas Boas of the National Park of Xingu, Brazil, for contributions to exploration and development in Mato Grosso, west central Brazil; *Patron's Medal* to Professor E. Imhof, formerly professor of cartography and topography in the Federal Institute of Technology, Zurich, for contributions to cartography; *Victoria Medal* to C. W. Phillips, formerly of the Archaeology Office, Ordnance Survey, for contributions to the topography and mapping of Early Britain; *Cherry Kearton Medal and Award* to Dr. Peter M. Scott for services to natural history; *Murchison Grant* to Professor E. W. Gilbert of the University of Oxford, for contributions to urban geography and the history of geography; *Back Grant* to Professor S. Thorarinsson of the National Museum, Reykjavik, Iceland, for contributions to volcanology; *Peck Grant* to Dr. A. S. Laughton of the National Institute of Oceanography, for investigations of the sea floor of the Atlantic and Indian Oceans; *Gill Memorial* to R. J. Chorley of the University of Cambridge, for contributions to physical geography and quantitative studies; *Ness Award* to P. Opie-Smith of the Directorate of Overseas Surveys, for geodetic surveys in the Solomon Islands.

THE Charles Doolittle Walcott Medal of the U.S. National Academy of Sciences has been awarded to Prof. Allison R. Palmer, professor of palaeontology at the State University of New York at Stony Brook, in recognition of his work in the field of Cambrian geology and palaeontology.

THE Gibbs Brothers Medal of the U.S. National Academy of Sciences has been awarded to Professor A. A. H. Keil, head of the Department of Naval Architecture and Marine Engineering at the Massachusetts Institute of Technology, in recognition of his work in the physics of underwater explosions and their effect on ship structures.

PROFESSOR G. C. WICK, professor of physics at Columbia University, has been awarded the Dannie Heineman Prize for Mathematical Physics in recognition of his contributions to quantum field theory, for his investigation of the theory of scattering of particles with spin, and his analysis of the symmetry principles in physics.

PROFESSOR ROBERT W. HOLLEY, professor of biochemistry at the New York State College of Agriculture, Cornell University, has been awarded the United States Steel Foundation Award in recognition of his work in molecular biology and particularly for identifying each link in the chain of nucleotides that form the alanine-transfer RNA of yeast.

DR. VERN O. KNUDSEN, chancellor emeritus of the University of California at Los Angeles, has been awarded the 1967 Gold Medal of the Acoustical Society of America in recognition of his research into the propagation of acoustical waves through air and through the sea.

AT a meeting of the Primate Group on April 22, held at the Zoological Society, London, it was agreed that the group should be reconstituted and a Primate Society formed. Dr. J. Napier, of the Royal Free Hospital School of Medicine, was elected president, Dr. R. P. Michael, of the Institute of Psychiatry, was elected secretary, and Dr. Richard Andrew, of the University of Sussex, was elected treasurer of the new society. Further information can be obtained from Dr. Richard P. Michael, Secretary, Primate Society, Primate Research Centre, Bethlem Royal Hospital, Monks Orchard Road, Beckenham, Kent.

THE U.S. National Academy of Sciences will conduct a study during the next two summers to determine how orbiting satellites can best be used for practical benefits on earth.

## Meetings

FIRST Gregynog Natural Products Symposium on Chemistry and Biosynthesis of Antibiotics, May 19-22, Gregynog, Newtown, Montgomeryshire (Professor C. H. Hassall, Department of Chemistry, University College, Swansea).

NINTH International Instrument Show, May 22-26, Grosvenor House, London (The Organizer, Ninth International Instrument Show, Grosvenor House, Park Lane, London, W.1).

DESIGN and Function of Laboratory Animal Houses, May 23-24, Zoological Society of London (John Seamer, Laboratory Animal Science Association, Microbiological Research Establishment, Porton, Salisbury, Wilts.).

IMPACT of Technical Change on Rural Work, June 6-7, The Ministry of Overseas Development, London, S.W.1 (The Secretary, Institute of Rural Life at Home and Overseas, 27 Northumberland Road, New Barnet, Herts.).

LECTURES on Mechanics of Fibrous Structures, July 3-7, University of Manchester Institute of Science and Technology (The Registrar, The University of Manchester Institute of Science and Technology, Sackville Street, Manchester 1).

ERRATUM. In the note entitled "Darwin's Notebooks" which appeared in *Nature*, 214, 121; 1967, the price of the publication *Darwin's Notebooks on Transmutation of Species, Part VI* should have been £1.

ERRATUM. In a note on scientific expenditure in New Zealand (*Nature*, 213, 958; 1967) the expenditure of the Department of Scientific and Industrial Research for 1965-66 was given as £1.7 million. This, in fact, is the total amount spent on salaries in that year. Total expenditure amounted to £3.5 million. The total of £6 million said to represent total expenditure by the New Zealand Government on scientific research did not include grants of £0.8 million to other organizations.