

to a discussion on the general theme "Towards Higher Altitude", with Dr. Hugh L. Dryden, director of the National Advisory Committee for Aeronautics, in the chair. Introductory talks followed by general discussion will be given on: "Aerodynamics of Low Density Media" by Prof. G. N. Patterson, director, Institute of Aerophysics, University of Toronto; "Propulsion at High Altitudes", by M. F. Florio, technical director, Société d'Etudes pour la Propulsion par Réaction, and Messrs. M. Barrère and R. Siestrunck, Office National d'Etudes et de Recherches Aéronautiques; "Physics of the Stratosphere and Ionosphere", by Prof. F. Dieminger, Max-Planck Institute; "High Altitude Flight Testing", by Major I. C. Kincheloe, jun., and H. M. Drake; "Aeromedical Problems of Flight above the Atmosphere", by Col. P. A. Campbell, Air Research and Development, United States Air Force. Reports on the activities of the Advisory Group will be given by the Panel Chairmen and the Director on the morning of November 26.

#### University News : Birmingham

THE following appointments have recently been made in the University of Birmingham: L. Castillejo, to be lecturer in mathematical physics; Dr. G. C. Brock, to be lecturer in civil engineering; Dr. R. J. Allwood, to be temporary lecturer in civil engineering; G. V. Jeffreys and Dr. D. R. Oliver, to be lecturers in chemical engineering; R. W. Snell, to be lecturer in petroleum production engineering; P. D. Allen, to be lecturer in mechanical engineering; and Dr. B. Shaw, to be lecturer in medical biochemistry and pharmacology.

Dr. A. P. Batson, N. E. Booth and Dr. J. D. Hobson have been appointed Imperial Chemical Industries Research Fellows.

#### Announcements

PROF. RAGNAR GRANIT, of the Medical Nobel Institute, Stockholm, has been awarded the Retzius Gold Medal of the Swedish Society of Physicians. Since 1897 this Medal has been awarded every tenth year, alternately in anatomy and physiology.

THE Executive Council of the Commonwealth Agricultural Bureaux has elected Mr. T. Swaminathan, representing India, as chairman, in succession to Mr. C. E. Lambert, who represented the Colonial Territories. Dr. J. G. Malloch, representing Canada, has succeeded Mr. Swaminathan as vice-chairman.

MR. L. GOSLAND has been appointed research manager of the Electrical Research Association and Mr. E. E. Hutchings head of the Member Relations Department. Mr. A. M. Cassie and Dr. L. H. Orton will be joint heads of the Switchgear Department, and Dr. G. Mole and Dr. F. Busemann head and deputy head, respectively, of the Transmission and Utilization Department.

MR. D. R. BARBER, formerly assistant to the director of the Norman Lockyer Observatory of the University of Exeter, has been appointed superintendent of the Observatory. Mr. D. L. Edwards, director of the Observatory since 1936, died in September 1956 (see *Nature*, 178, 1028; 1956).

THE International Union against Cancer is to award a limited number of travel grants to enable young scientists who do not yet hold senior appointments, but who have already made significant con-

tributions to research on cancer, to attend the 7th International Cancer Congress to be held in London during July 6-12, 1958. Application forms may be obtained from Dr. I. Berenblum, Weizmann Institute of Science, Rehovoth, Israel, to whom all inquiries should be addressed.

APPLICATIONS are invited for the Helen Putnam Fellowship for Advanced Research, a postdoctoral resident fellowship for women, with research facilities at Harvard University. The research may be in any field related to genetics or mental health, including psychology, child development and other fields of social science. The stipend will be 3,500 dollars a year, with possibility of renewal. Application forms may be obtained from the Secretary of the Graduate School, Radcliffe College, Cambridge 38, Massachusetts. Completed applications should be returned not later than January 15, 1958. Announcement of the award will be made on or before February 15, 1958.

A NEW scholarship—the Frank Wright Scholarship—which will give the recipient the opportunity for further study in the United States at either the Textile Research Institute, Princeton, or at the Massachusetts Institute of Technology, is to be awarded by the Textile Institute. Candidates must have been born in the United Kingdom and must possess a university degree of sufficient standing for attendance at one of the two American institutions. The recipient of the scholarship will become a candidate there for the Ph.D. degree in chemistry, chemical engineering or mechanical engineering. The duration of the course will probably not exceed three and a half years, and the Fellow will be paid 1,500 dollars in each of the first two years plus 600 dollars tuition fees and 1,800 plus 600 dollars in the third year. The scholarship holder will be expected to give an undertaking to return to the United Kingdom at the conclusion of his course and to work there for a period of at least five years. Further information can be obtained from the General Secretary of the Textile Institute and applications must be returned not later than October 31.

THREE scholarships in engineering, of about £450 a year according to circumstances and tenable in the Department of Engineering in the University of Southampton, are to be offered annually by Hoover Ltd. The scheme combines an honours degree course in mechanical and electrical engineering with complementary practical training in production engineering, research and development at the Hoover factory at Perivale. The training tasks are designed to be of a broad engineering nature, characteristic of processes carried out in industry generally in these fields. Training is further diversified by attachments to other factories in Britain and overseas. The student is under no obligation to Hoover Ltd. after graduation, nor is the company obliged to employ the graduate, but it is hoped that a suitable appointment may be available for successful honours candidates. Selection is by an examination, set by the University of Southampton, which is to be held at Hoover Ltd., Perivale, in February of each year. Details of the syllabus may be obtained from the University. Applications, which must be received before December 8, should be addressed to the Education and Training Officer, Hoover Ltd., Perivale, Greenford, Middlesex, from whom further information can be obtained.