

## NEWS and VIEWS

## Mathematics at Newcastle upon Tyne :

Prof. W. W. Rogosinski, F.R.S.

PROF. W. W. ROGOSINSKI retires from the chair of pure mathematics at King's College, Newcastle upon Tyne, in the University of Durham in September. He was appointed to the chair at King's College in 1948 after a distinguished career in Germany, Cambridge, Aberdeen and Newcastle, having established an international reputation for his work on Fourier series and functions of a complex variable. During his tenure of the chair he has worked mainly on extremum problems in function spaces. He has written a series of papers concerned with finding minimal representations and maximal points of linear functionals, with applications to extremum problems, systems of linear equations with infinitely many unknowns, generalized moment problems, and other problems of classical analysis. In 1954 he was elected to fellowship of the Royal Society. The Department of Mathematics, and all its activities, have expanded rapidly since 1948, and Prof. Rogosinski has given enthusiastic support and encouragement to all its members. He is held in high esteem and with great affection by his colleagues throughout the College, and he will be greatly missed. His mathematical zeal, however, will be sustained by his appointment to a chair in Denmark.

Prof. F. F. Bonsall

ON the retirement of Prof. W. W. Rogosinski the chair of pure mathematics at King's College, Newcastle upon Tyne, University of Durham, has been filled by the appointment of Mr. F. F. Bonsall. Mr. Bonsall studied at Oxford with an interval for war service. After holding a temporary lectureship in the University of Edinburgh, he was appointed a lecturer in pure mathematics at King's College and became a reader in 1956. His research work has been mainly concerned with partially ordered vector spaces, particularly spectral properties of linear operators mapping the positive cone into itself.

## Royal Society Research Appointments

THE Council of the Royal Society has made the following appointments in original scientific research. Royal Society Research Fellowships (Mr. and Mrs. John Jaffé Donation) have been awarded to : Dr. G. Hoyle, of the Department of Zoology, University of Glasgow, to work on excitation/contraction coupling in muscle and nervous mechanism in behaviour of insects, from October 1, 1959, at the Department of Zoology and Institute of Physiology, University of Glasgow; and to Dr. J. Owen, of the Clarendon Laboratory, Oxford, to work on exchange interactions in magnetic systems, from October 1, 1959, at the Clarendon Laboratory, Oxford. Royal Society Research Studentships (Mr. and Mrs. John Jaffé Donation) have been awarded to : Mr. K. L. Manchester, of the Department of Biochemistry, University of Cambridge, to work on the mechanism of the regulation by hormones of protein synthesis, from October 1, 1959, at the Department of Biochemistry, University of Cambridge; and to Dr. M. J. Whelan, of the Crystallographic Laboratory, Cavendish Laboratory, Cambridge, to carry out investigations of metals by transmission electron microscopy, from

October 1, 1959, at the Department of Physics, Cavendish Laboratory, Cambridge. John Murray Travelling Studentships in oceanography and limnology for 1959 have been awarded to : Mr. A. D. Ansell, of the Marine Station, Millport, Isle of Cumbrae, to work on problems of the laboratory rearing of bivalve larvæ at the U.S. Fish and Wildlife Laboratory, Milford, Conn.; and to Mr. G. Evans, of the Imperial College of Science and Technology, University of London, to work on marine sediments at sea but based on the Scripps Institute of Oceanography, La Jolla, California.

## Rockefeller Institute, New York : Fellowships for Foreign Students

DR. DETLEV W. BRONK, president of the Rockefeller Institute, has announced that the Institute has received a bequest of approximately one million dollars from the estate of the late Sophie D. Fricke, of New York City, who died on March 1, 1958. Miss Fricke was born in Jersey City, but lived most of her life in New York where she was confidential secretary to many prominent business executives. Through wise investment of her personal savings, she created the fortune which she left for the furtherance of human welfare through support of science. The Trustees of the Institute, which has recently been transformed into a postgraduate university, have authorized use of the income from the Fricke fund for the triple purposes of fostering international understanding, training scientists of exceptional promise, and supporting significant research. To this end, four distinguished research fellowships will be awarded each year to young scientists in Britain, France, Denmark and Sweden for study and investigation at the Institute. The Fellows will be appointed by the Royal Society of London, the Paris Academy of Sciences, the Royal Danish Academy of Sciences and Letters and the Swedish Royal Academy of Sciences. Each Fellow will carry the designation of his sponsoring society. For example, the Fellow from Britain will be known as the Sophie Fricke Royal Society Research Fellow in the Rockefeller Institute. Each of the Sophie Fricke Fellows will receive an annual stipend of 10,000 dollars with an additional 1,000 dollars for travel in the United States.

"The objective of these fellowships," said Dr. Bronk, "is to foster closer relations between American scientists and their colleagues from abroad. It is our intent that the Fellows be young men and women of exceptional promise who are likely to be leaders in science in their respective countries and will, therefore, ultimately be appointed to distinguished posts in their native lands. Having spent one or two years in the United States under exceptionally favourable circumstances before assuming posts of responsibility at home, these men and women will be in an unusually favourable position to develop the associations with American scientists begun while at the Rockefeller Institute. All the facilities of the Institute and the advice and guidance of the Institute's distinguished faculty will be available to the Fellows; they will be free to work on problems of their own choosing or they may collaborate with one or more members of the Institute Faculty."