

trained personnel is now being added from the occupational questionnaires which are being filled out for draft boards as the result of the recent national registrations. The roster is circularizing the individuals whose names appear in specialized brackets just as quickly as possible. It also plans to re-circularize the society memberships in order to bring its data up to the minute and to evaluate the needs and demands in the different fields.

On August 1 registration was as follows:

QUESTIONNAIRES		
Field	Number mailed	Number returned
Animal sciences	14,135	7,678
<i>Includes:</i>		
Veterinary science		
Fish and wild life		
Animal husbandry		
Dairy science		
Botany	2,194	1,435
Forestry	5,380	4,077
Genetics	2,083	1,070
Plant pathology	4,986	3,048
Zoology	7,891	4,622
Anatomy	831	651
Bacteriology	3,736	2,213
Nutrition	499	286
Pharmacology	345	217
Physiology	1,038	676
Tropical medicine	910	460
Chemistry	100,459	68,639
Geology	7,161	3,832
Geophysics	4,346	2,043
Mathematics	12,026	6,885
Physics	13,678	9,760
Physicians		149,720
Veterinarians		11,209
Dentists		62,423

The percentage of the number of questionnaires returned varies in each of the fields. There is duplication and overlapping between the memberships of societies, which accounts for some of the apparently incomplete records. This, however, does not free scientifically trained personnel from the responsible obligation of registering for our war needs in some way on every questionnaire sent out.

The problem of answering questionnaires is always an irritating one. So many questionnaires seem to be unnecessary that we lose sight of the fact that any set of questions unanswered may include the one necessary one. Many society members have apparently failed to recognize this fact.

If the roster is to be of fullest service to the sciences as well as to the nation it must have cooperation. If the status of any scientific man has changed, or if he has re-evaluated his possible service—such information should be sent to the roster. Thousands of scientists have been certified already for essential work in the war program. More are being allocated

as the facilities of the roster are increased and its utility appreciated. The successful employment of the roster depends ultimately upon the full cooperation of every scientist in the country.

THE BUFFALO MEETING OF THE AMERICAN CHEMICAL SOCIETY

At the meeting of the Division of Physical and Inorganic Chemistry of the American Chemical Society, which meets in Buffalo from September 7 to 11, Dr. John Lawrence Oncley, associate in physical chemistry at the Harvard Medical School and 1942 winner of the \$1,000 American Chemical Society Prize in Pure Chemistry, will deliver an address at an afternoon session on Thursday, September 10, illustrating the application of physico-chemical methods to biochemical problems.

Dr. Robert Simha, of the Polytechnic Institute of Brooklyn; Dr. William D. Harkins, of the University of Chicago; Dr. Nelson W. Taylor, of Pennsylvania State College, and Dr. Elmer O. Kraemer, of the Biochemical Research Foundation, Newark, Del., will speak at a symposium on "Flow under Abnormal Conditions," on September 8. The Society of Rheology will join in the symposium, which will deal with the nature of flow in plastic substances such as glass and rubber, in contrast to the normal "viscous" flow of liquids like water. Professor Hermann Mark, of the Polytechnic Institute of Brooklyn, will preside.

A symposium on "Kinetics Using Tracer Isotopes" is planned for the afternoon of September 8. It has been organized by Professor W. F. Libby, of the University of California, and will constitute a review of recent progress in the use of "marked" or "labeled" atoms to throw light on the mechanism of chemical reactions. Papers will be presented by Professor Libby; Dr. Glen T. Seaborg, of the University of California; Dr. Edwin O. Wiig, of the University of Rochester; Dr. H. C. Anderson and R. D. Fowler, of the Johns Hopkins University; Dr. Victor K. LaMer and Frank Brescia, of Columbia University and the College of the City of New York; Dr. A. R. Olson, of the University of California, and Dr. A. Farkas, of the Union Oil Company, Wilmington, Calif.

A third symposium has been arranged for September 10 by Professor Donald H. Andrews, of the Johns Hopkins University, on "Low Temperature Phenomena," dealing with the behavior of substances of low temperature, which, it is pointed out, has been of great importance in the study of the properties of matter in bulk. In addition to Professor Andrews, the speakers will be Dr. A. D. Misener, of the University of Toronto; Dr. E. R. Blanchard, of the Johns Hopkins University; Dr. C. C. Stephenson and H. E. Adams, of the Massachusetts Institute of Technology; Dr. J. G. Aston and R. M. Kennedy, of Penn-

sylvania State College, and Dr. Kenneth S. Pitzer and Donald W. Scott, of the University of California.

Several sessions in physical chemistry will be held, discussions ranging all the way from theoretical papers on atomic and molecular structures to applications to biology and pharmacology. Research reports from various fields in inorganic chemistry will be presented at other sessions.

Dr. Harold J. Barrett, of the Electrochemical Division of E. I. du Pont de Nemours and Company, will speak on "Unique Chemicals Derived from Salt" at a dinner meeting of the division.

Numerous members of the division are intimately associated with the war effort in special government research work and in the manufacturing problems of essential industries.

SCIENTIFIC NOTES AND NEWS

THE American Laryngological Association has conferred its Newcomb Award on Dr. Francis R. Packard, formerly professor of otology of the Postgraduate School of the University of Pennsylvania, in recognition of "his scientific attainment in rhinology and laryngology and as a mark of esteem and appreciation for services to the association."

RUTGERS UNIVERSITY conferred the honorary degree of doctor of science on Dr. Robert P. Fischelis, secretary and chief chemist of the Board of Pharmacy of the State of New Jersey and chief of the Medical and Health Supply Section, Office of Civilian Supply, War Production Board, at the annual commencement of the College of Pharmacy, for "notable contributions which have greatly strengthened the essential service which the science of pharmacy renders to the health of America."

THE degree of doctor of science has been conferred by the University of Wales on Dr. C. R. Austin, professor of metallurgy at the Pennsylvania State College, in recognition of "his outstanding work in metallurgy."

THE July number of the *Archives of Pathology* is dedicated to Dr. Eugene L. Opie, emeritus professor of pathology at Cornell University Medical College, by his former associates on the occasion of his retirement. Dr. Peyton Rous contributes the opening article and the number includes contributions from a number of distinguished investigators.

COLLEAGUES of Dr. Caleb W. G. Rohrer, Baltimore, chief of the Pasteur Division of the Maryland State Department of Health, on June 1 presented to him a silver vase to mark his completion of forty years' service with the department. Dr. Charles H. Halliday, Baltimore, a former student of Dr. Rohrer's and assistant director of the department, gave the presentation address.

VICE-PRESIDENT HENRY A. WALLACE has been elected an honorary member of the National Association of Science Writers, in recognition of "his interest in the popularization of science and his research contributions in the field of genetics."

OFFICERS for the coming year have been elected by the Smith Chapter of the Society of the Sigma Xi as follows: *President*, Dr. Elizabeth Sanders Hobbs, zoology; *President-elect*, Dr. Arthur Taber Jones, physics; *Secretary*, Miss Helen Stobbe, geology, and *Treasurer*, Dr. Elinor VanDorn Smith, bacteriology.

DR. J. W. H. EYRE, emeritus professor of bacteriology of the University of London, has been elected president of the Royal Institute of Public Health and Hygiene in succession to the late Sir Thomas Oliver.

DR. WILLIAM PRATT GRAHAM, since 1937 chancellor of Syracuse University, previously professor of electrical engineering and dean of the College of Applied Science, will be succeeded as chancellor by Dr. William Pearson Tolley, since 1931 president of Allegheny College.

DR. HARRY R. WELLMAN, professor of agricultural economics at the University of California at Berkeley, has been appointed director of the Giannini Foundation.

DR. LOUIS E. HAWKINS has been appointed vice-director of the Oklahoma Agricultural Experiment Station to succeed Dr. Lippert S. Ellis. Dr. Hawkins has been agricultural commissioner of the Kansas City Chamber of Commerce for the past seven years, and was previously a member of the department of animal husbandry at the Oklahoma station.

DR. CHARLES L. FLUKE, professor of entomology at the University of Wisconsin, has been named chairman of the department of economic entomology. He succeeds H. F. Wilson, who has served as department chairman since 1915.

THE following promotions have been made in the department of obstetrics and gynecology at the University of Chicago: Dr. M. Edward Davis and Dr. William J. Dieckmann, associate professors, have been promoted to professorships and the latter has been made chairman of the department. Dr. H. Close Hesseltnie, assistant professor, has become an associate professor.

Current Science, Bangalore, India, reports that Dr. N. Kesava Panikkar, Empire Overseas Research