

- Ernest Ball (Ph.D., botany, University of California, 1941). At Yale University. Experimental studies on the shoot apices of Angiosperms.
- Robert George Ballentine (Ph.D., biology, Princeton University, 1940). At the Rockefeller Institute for Medical Research, New York City. The chemical organization of cell surface.
- Edward Griffith Begle (Ph.D., mathematics, Princeton University, 1940). At the University of Michigan. The structure of generalized manifolds and related spaces.
- Orlin Biddulph (Ph.D., botany, University of Chicago, 1934). At the State College of Washington. Studies in translocation of phosphorus in plants (by means of radiophosphorus). (On a participating basis with the State College of Washington.)
- Charles Kilgo Bradsher (Ph.D., organic chemistry, Harvard University, 1937). At Duke University. Aromatic cyclodehydration. (On a participating basis with Duke University.)
- Stuart Robert Brinkley, Jr. (Ph.D., physical chemistry, Yale University, 1941). At Harvard University. A systematic study of the normal vibrations and force contents of related molecules.
- Sidney Michael Dancoff (Ph.D., physics, University of California, 1939). At the Institute for Advanced Study. Interaction of mesotrons and nuclear particles.
- Walter Gordy (Ph.D., physics, University of North Carolina, 1935). At the California Institute of Technology. Spectroscopic studies of the hydrogen bond.
- John Edward Harris (Ph.D., biochemistry, State University of Iowa, 1940). At the University of Pennsylvania. The influence of the metabolism of the erythrocyte on its cation permeability and osmotic properties.
- Walter Lincoln Hawkins (Ph.D., organic chemistry, McGill University, 1938). At Columbia University. The antimalarial constituents of *Alstonia* bark.
- Morton Henry Kanner (Ph.D., physics, Princeton University, 1940). At the California Institute of Technology. Photodisintegration of deuterium.
- Ellis Robert Kolchin (Ph.D., mathematics, Columbia University, 1941). At the Institute for Advanced Study. A further study of differential ideals.
- Merle Lawrence (Ph.D., psychology, Princeton University, 1941). At the Johns Hopkins Medical School. The cause of auditory impairment for high tones.
- James Van Gundia Neel (Ph.D., genetics, University of Rochester, 1939). At Columbia University. Studies on the interaction of mutations affecting the chaetae of *Drosophila*.
- Frederick Stanley Philips (Ph.D., zoology, University of Rochester, 1940). At Yale University. The isolation of anisometric proteins present in echinoderm and amphibian eggs and the study of their physical-chemical properties.
- Louis Douglas Roberts (Ph.D., physical chemistry, Columbia University, 1941). At Cornell University. The thermodynamic properties of partially miscible binary liquid mixtures near the critical temperature.
- Francis Joseph Ryan (Ph.D., zoology, Columbia University, 1941). At Stanford University. Temperature as a means for the identification of developmental processes.
- Richard Evans Schultes (Ph.D., biology, Harvard University, 1941). At the Instituto de Ciencias Naturales, Bogota, Colombia. The ethnobotanical aspects of the flora of Colombia.
- Carl Keenan Seyfert (Ph.D., astronomy, Harvard University, 1936). At Mount Wilson Observatory. The relationship between emission in the spectra of galactic and extragalactic nebulae.
- Roger Wolcott Sperry (Ph.D., zoology, University of Chicago, 1941). At Harvard University. Determination of the higher centers involved in development of new motor habits following operative disarrangement of peripheral nerves and muscles in mammals.
- Hubert Kirk Stephenson (Ph.D., geology, Princeton University, 1940). At the Massachusetts Institute of Technology. The magnetic properties of minerals.
- George E. Valley, Jr. (Ph.D., physics, University of Rochester, 1939). At Harvard University. Gamma-ray spectra.
- Sam Isaac Weissman (Ph.D., chemistry, University of Chicago, 1938). At the University of California. The spectra of coordination compounds of europium and the configuration of related compounds.
- Frank Bradshaw Wood (Ph.D., astronomy, Princeton University, 1941). At the University of Arizona. Photoelectric light curves and elements of eclipsing binaries.

A NEW SOCIETY FOR X-RAY AND ELECTRON DIFFRACTION RESEARCH WORKERS

THE replies to a questionnaire submitted to American x-ray and electron diffraction research workers by the National Research Council Committee on X-Ray and Electron Diffraction show a majority of about 3½ to 1 in favor of the formation of a new society by this group. Such a society is therefore being organized.

Any research worker in this field who has not already received an application blank and a ballot for the election of officers for 1941 and for deciding between the names "American Society for Molecular and Crystal Structure Research" and "American Society for X-Ray and Electron Diffraction," may obtain them by writing the undersigned. For the ballot to be valid, it must be returned on or before June 16. Those applying by that date will be included in the list of charter members. Dues for the balance of 1941 are one dollar.

The first meeting of the new society will be at Gibson Island, Md., from July 28 to August 1, coinciding with the Conference on X-Ray and Electron Diffraction, sponsored by Section C of the American Association for the Advancement of Science. Registration for this meeting is in the hands of Dr. Neil E. Gordon, Central College, Fayette, Mo., the director

of the whole series of Gibson Island conferences. For the program and other details, see the *News Edition* of the American Chemical Society, April 10.

The demand for a new organization arises from the fact that x-ray and electron diffraction researches are scattered widely among various fields—chemistry, physics, mineralogy, metallurgy and others. The society will presumably sponsor meetings or conferences at which its members can get together and discuss their methods and mutual problems. The National Research Council Committee recommends to the society that it do not start a new journal at this time, but that it consider the possibility again at the end of the present emergency, in the event that the *Zeitschrift für Kristallographie* and the *Strukturbericht* remain Nazified or cease to exist. In the meantime, we suggest that, if the details can be worked out satisfactorily, the society distribute reprints of papers in its field by its members to its members.

Other possible function of the society, including some closely connected with the national defense program, will doubtless be considered by the officers and by the membership at the Gibson Island meeting.

MAURICE L. HUGGINS, *Chairman,*
National Research Council Committee on
X-Ray and Electron Diffraction

KODAK PARK,
ROCHESTER, N. Y.,
MAY 15, 1941

THE ANNUAL MEETING OF THE TRUSTEES OF SCIENCE SERVICE

At the annual meeting of the trustees of Science Service on May 1 Dr. Edwin G. Conklin, executive vice-president of the American Philosophical Society and professor emeritus of biology at Princeton University, was reelected president. Dr. Harlow Shapley, director of the Harvard College Observatory, was reelected vice-president and chairman of the executive committee of the board. O. W. Riegel, director of the Lee School of Journalism at Washington and Lee University, was reelected treasurer.

Frank R. Ford, editor of the *Evansville, Indiana, Press*, was elected a member of the governing board of trustees. Other Science Service trustees are: Dr. C. G. Abbot, secretary of the Smithsonian Institution; Dr. J. McKeen Cattell, editor of *SCIENCE*; Dr. Ross G. Harrison, Yale University; Dr. H. E. Howe, editor of *Industrial and Engineering Chemistry*; Dr. W. H. Howell, the Johns Hopkins University; A. H. Kirchofer, managing editor of the *Buffalo Evening News*; Dr. R. A. Millikan, California Institute of Technology; H. L. Smithton, secretary of the E. W. Scripps Company; Neil H. Swanson, managing editor of the *Baltimore Evening Sun*; Dr. Warren S. Thompson,

Scripps Foundation for Research in Population Problems; Dr. Henry B. Ward, University of Illinois.

The trustees of Science Service are nominated by five scientific or journalistic bodies: the National Academy of Sciences, the National Research Council, the American Association for the Advancement of Science, the journalistic profession and the E. W. Scripps Estate. Science Service is an institution not for profit which serves as an intermediary between the scientific world and the public. It is now in its twentieth year of operation.

MEDAL DAY AT THE FRANKLIN INSTITUTE

THE presentation of medals by the Franklin Institute was held on the afternoon of May 21. A dinner in honor of the medalists was given in the evening. Those receiving the awards were as follows:

Certificate of Merit—Charles William Akers, president, Breeco Corporation, Nashville.

Longstreth Medal—Benjamin James Wilson, chief, mechanical division, Research Department, Leeds and Northrup Company, Philadelphia.

Wetherill Medal—Harold Stephen Black, Bell Telephone Laboratories, New York City.

Brown Medal—Willis Haviland Carrier, chairman of the board, Carrier Corporation, Syracuse.

Clark Medal—Raymond Mower Conner, director, Testing Laboratories, American Gas Association, Cleveland.

Levy Medal—John Moyes Lessells, associate professor of mechanical engineering, the Massachusetts Institute of Technology, and Charles Winters MacGregor, associate professor of mechanical engineering, the Massachusetts Institute of Technology.

Potts Medal—Harold Eugene Edgerton, associate professor of electrical engineering, the Massachusetts Institute of Technology.

Cresson Medal—The United States Navy, received by the Honorable Ralph A. Bard, assistant secretary of the Navy, Washington, D. C.

The Franklin Medal and Certificate of Honorary Membership—Sir Chandrasekhara Venkata Raman, director, Indian Institute of Science, Bangalore, received by Sir Gerald Campbell, Envoy Extraordinary and Minister Plenipotentiary, the British Embassy, Washington, D. C.

The Franklin Medal and Certificate of Honorary Membership—Edwin Howard Armstrong, professor of electrical engineering, Columbia University.

THE AMERICAN ACADEMY OF ARTS AND SCIENCES

At the annual meeting of the American Academy of Arts and Sciences, held on May 14, officers were elected for the year 1941-42:

President Harlow Shapley
Vice-president for Class I Percy W. Bridgman