

Claude A. Villee, Jr., Harvard Medical School.

**Medicine.** Douglas D. Bond, Western Reserve University School of Medicine, Cleveland; Benjamin Castleman, Harvard Medical School; Thomas Francis, Jr., University of Michigan; Seymour S. Kety, National Institutes of Health; Robert S. Morison, Rockefeller Foundation, New York.

#### Foreign Honorary Members

**Mathematics.** Nikolai N. Bogolyubov, Kiev University, Kiev, U.S.S.R.; Jean P. Serré, Collège de France, Paris.

**Physics.** Otto Hahn, Max-Planck-Gesellschaft, Göttingen, Germany; Lev Landau, Academy of Sciences, Leningrad, U.S.S.R.; Lise Meitner, University of Stockholm, Stockholm, Sweden; Paul Scherrer, Swiss Federal Institute of Technology, Zürich, Switzerland.

**Chemistry.** Derek H. R. Barton, University of London, London, England; Rolf Huisgen, Institut für Organische Chemie, Munich, Germany; Alexander N. Nesmeyanov, Academy of Sciences, Moscow, U.S.S.R.; Vladimir Prelog, Eidgenössische Technische Hochschule, Zürich, Switzerland; Ilya Prigogine, Free University of Brussels, Brussels, Belgium.

**Astronomy.** Hendryk C. van de Hulst, University of Leiden, Leiden, Netherlands.

**Earth sciences.** Keith E. Bullen, University of Sydney, Sydney, Australia.

**Engineering sciences.** Alan H. Cottrell, University of Cambridge, Cambridge, England; Pierre A. Jacquet, Directions des Services Techniques de Constructions et Armes Navales, Paris, France; L. I. Sedov, Academy of Sciences, Moscow, U.S.S.R.

**Biophysics and biochemistry.** Jacques Monod, Pasteur Institute, Paris, France.

**Zoology.** Alfred Kühn, Max-Planck Biological Institute, Tübingen, Germany; Conrad Hal Waddington, University of Edinburgh, Edinburgh, Scotland; Vincent B. Wigglesworth, University of Cambridge, Cambridge, England.

**Physiology and experimental psychology.** Daniel Bovet, Istituto Superiore de Sanità, Rome, Italy.

#### Nuclear Weapons Protest Meetings Held in Three European Countries

This month Scotland experienced its biggest demonstration against nuclear arms when 300 people marched through the streets of Glasgow to a protest meeting.

The march followed a demonstration in London on Easter Sunday that drew a crowd of 75,000 to Trafalgar Square. About 20,000 of the London demonstrators had participated in a weekend protest walk from the Atomic Energy Authority's laboratories in Aldermaston, 54 miles away. The column grew as it entered the city and at one point extended for 6 miles.

The meeting, sponsored by the 3-year-old Campaign for Nuclear Disarmament, was described as London's largest popular rally in the past 100 years. The participants represented a cross section of the British public, ranging politically from the extreme left to right.

A simultaneous Easter rally was held in West Germany. About 1000 demonstrators from a number of distant towns and cities converged on Bergen-Hohne, a missile training center, after a 3-day march.

#### AAAS Science Teaching Improvement Program Offers Research Grants

The Science Teaching Improvement Program of the AAAS will have funds available to make small grants for scientific research during the school year 1960-61. These grants will be a continuation of a program of research grants to small colleges started during the current academic year. Grants averaging about \$900 each were made to scientists in the following colleges: Alma College, Austin Peay State College, Bucknell University, College of Wooster, Marshall College, Mississippi Southern College, Morgan State College, Newark State College, and the State University of South Dakota.

In order to qualify for such a research grant, the proposed project (i) must be scientific research and (ii) must involve as assistants or participants undergraduate students preparing to teach science in secondary schools. The proposal must contain a clear statement of the problem to be investigated, the historical background of the problem, and the hoped-for contribution to science of the research and must state what the participating prospective teachers should gain from the project. Proposals will be referred to a panel of scientists who will make their decision on or about 15 July. Six copies of a research proposal should reach the office of the Science Teaching Improvement Program no later than 20 June

1960. The address is: STIP, American Association for the Advancement of Science, 1515 Massachusetts Ave., NW, Washington 5, D.C.

This program is made possible by a grant to the AAAS from the Carnegie Corporation of New York.

#### News Briefs

**Federal research sponsors indexed.** Extramural research activities of the federal government are indexed and summarized in a special pamphlet prepared by the Social Legislation Information Service, a nonprofit association reporting on Washington activities. The publication, which is designed to guide the investigator directly to the federal bureau or agency that may best utilize his special competences, describes the research programs of 39 federal agencies sponsoring research in more than 100 scientific fields, summarizes each agency's program, and supplies the title and address of the specific official administering extramural research grants and contracts.

Copies of *Federal Agencies Financing Research* are available at \$1 each from the Social Legislation Information Service, 1346 Connecticut Ave., NW, Washington 6, D.C.

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**Error reported.** *American Men of Science* reports an unfortunate error in the A-E volume of the Physical and Biological Sciences of the 10th edition. Darwin E. Baderstcher of the Socony Mobil Oil Company, Inc., is listed as deceased, when in fact it is his father, Jacob A. Baderstcher, who is no longer living. Information on Darwin E. Baderstcher may be found in the 9th edition. A full biography will be sent out with the F-K volume.

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**Italian nuclear engineers.** Some 17 Italian engineering staff members who will hold posts in the British-designed nuclear power plant at Latina, south of Rome, are being given an intensive training course at Calder Hall Nuclear Power Station in England. Latina is to be a 200-megawatt single-reactor station and is being built by the Nuclear Power Plant Company of Britain in conjunction with the Italian concern Agip Nucleare.

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**"The Argonne Semester."** An experiment in science education, the "Argonne Semester," has been announced by Blair Stewart, president of the Asso-

ciated Colleges of the Midwest, and Norman Hilberry, director of Argonne National Laboratory, Argonne, Ill. The new program, which will provide school away from school for ten undergraduate students from midwestern colleges, will combine classroom instruction with half-time assignment to one of three major research divisions at Argonne. The first group of students will report to Argonne in September. They will receive their classroom instruction from three ACM faculty members who will have begun, during the summer, a 12- to 15-month period of training in one of the scientific divisions of the Argonne National Laboratory.

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**Mongolism.** The U.S. Public Health Service reports the establishment of a program of medical research on mongolism, which afflicts more than 35,000 infants born in the United States every year. *Mongolism—Hope through Research*, a new PHS leaflet, describes the research efforts under way at the service's National Institutes of Health.

The National Association for Retarded Children, Inc., has also issued a publication on the subject. Copies of *Etiology of Mongolism*, a report of a conference held in Cincinnati last October, are available from the association's headquarters, 386 Park Avenue South, New York 16, N.Y.

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**New ACS silicone prize.** Establishment of a \$1000 prize in silicone research has been announced by the American Chemical Society. To be known as the F. S. Kipping Award in Organosilicon Chemistry, the prize will be sponsored by the Dow Corning Corporation, Midland, Mich. The award is a memorial to Professor Frederic Stanley Kipping of Nottingham University, England, who is credited with laying the groundwork, in 30 years of original research, for the flourishing silicone industry.

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**Visiting astronomers.** The American Astronomical Society, under a grant from the National Science Foundation, will continue its Visiting Professors Program. Institutions desiring to have a prominent astronomer visit them for a 2-day period should contact: (in the East and Middle West) Dr. Franklyn M. Branley, American Museum-Hayden Planetarium, 81st St. at Central Park West, New York 24, N.Y.; (in the West) Dr. Gibson Reaves, University of Southern California, University Park, Los Angeles 7, Calif.

## Scientists in the News

Recipients of the 1960 College Chemistry Teacher Awards have been announced by the Manufacturing Chemists' Association. Presentation will be made on 9 June at the Greenbrier Hotel in White Sulphur Springs, W. Va., during the association's 88th annual meeting. Each award includes a medal, a citation, and \$1000. The six award winners were chosen from a record total of 189 nominations submitted by college and university presidents.

Those to be honored are **Reynold C. Fuson**, University of Illinois, Urbana; **Ben H. Peterson**, Coe College, Cedar Rapids, Iowa; **Francis O. Rice**, Georgetown University, Washington, D.C.; **Walter H. Stockmayer**, Massachusetts Institute of Technology; **Moddie D. Taylor**, Howard University, Washington, D.C.; and **John De Vries**, Calvin College, Grand Rapids, Mich.

**Harold Zirin** of the University of Colorado's High Altitude Observatory expects to leave in September for a 6-month stay in Russia to study solar physics at a Crimean observatory.

The Institute of Radio Engineers has presented awards to the following scientists.

**Haraden Pratt**, secretary of the IRE and consulting engineer, received the Founders Award for administrative contributions to the profession and to the institute.

**Harry Nyquist**, consulting engineer, received the Medal of Honor, the IRE's highest technical award, for his studies of thermal noise, data transmission, and negative feedback.

**J. A. Rajchman**, of RCA Laboratories, Princeton, N.J., received the Morris Liebman Memorial Prize Award for development of magnetic devices for information processing.

**K. A. Norton**, of the National Bureau of Standards, Boulder, Colo., received the Harry Diamond Memorial Award for studies of radio wave propagation.

**E. J. Nalos**, of the General Electric Co., Palo Alto, Calif., received the 1960 W. R. G. Baker Award for a paper on a hybrid type traveling-wave tube for high-power, pulsed amplification.

**J. W. Gewartowski**, of Bell Telephone Laboratories, Murray Hill, N.J., received the 1960 Murrday J. Thompson Memorial Prize for his paper on velocity and current distributions in the spent beam of the backward-wave oscillator.

**Sir Macfarlane Burnet**, director of the Walter and Eliza Hall Institute of Medical Research, Melbourne, Australia, will deliver the 17th course of Herzstein Medical Lectures, 24, 26, and 27 May, at 8:15 P.M. in the auditorium of the San Francisco County Medical Society, San Francisco, Calif.

**L. Essen**, senior principal scientific officer, National Physical Laboratory, Teddington, England, will attend the Frequency Control Symposium at the Shelburne Hotel, Atlantic City, 31 May–2 June. Before the symposium, beginning 19 May, he will visit Ottawa, Canada; Boulder, Colo.; and Washington, D.C. (25–29 May).

**Felix Zandman** of the Budd Company's Instruments Division, Phoenixville, Pa., recently received the French honorary appointment of Officer of the Order of Merit for Research and Invention. The award is given by the Society of Encouragement of Research and Invention, which is under the patronage of the French Government's Ministry of National Education and Ministry of Industry and Commerce. Zandman was honored for his research in stress analysis which resulted, among other achievements, in the development of PhotoStress, a photoelastic stress analysis technique.

The New York University Alumni Federation has named **John E. Ricci** of the department of chemistry at the University College of Arts and Science a winner of one of the three 1960 Great Teachers Awards.

**Henry W. Dodge, Jr.**, former assistant professor of neurological surgery at the Mayo Foundation for Medical Education and Research, Rochester, Minn., has moved to Los Angeles and has been appointed consultant in neurological surgery for the Beverly Hills Medical Clinic.

**H. E. King**, associate professor of psychiatry at Tulane University Medical School, has been appointed professor of psychology in psychiatry at the University of Pittsburgh Medical School and chief of psychological services at the Western Psychiatric Institute. **K. M. Young**, associate professor of psychiatry at Tulane, has been named associate professor of psychology in psychiatry at Pittsburgh, and will direct the clinical psychological services at the institute.