

portant organic species as albumin, cholesterol, urea, thyroxine, etc., may confidently be expected to appear.

The continuous support of this work, and the supply of isotopes furnished to the several laboratories by the Atomic Energy Commission, have been gratifying examples of the growth of basic biological information under the sponsorship of our national

atomic energy program. Over the long term, the growth of biological knowledge of this type, which leads to sound concepts and effective procedures in the care of sick patients, may be a more important outgrowth of isotope research in the medical sciences than the direct application of the isotopes themselves to patients as therapeutic or diagnostic devices (56).

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## News and Notes

### Scientists in the News

E. D. Adrian, president of the Royal Society, has been elected master of Trinity College, Cambridge. He is also retiring from the chair of physiology in the university, a position he has held since 1937. He will be succeeded by B. H. C. Matthews, reader in experimental physiology in the university since 1946, and formerly head of the Physiological Laboratory at Farnborough, where he directed research in aviation medicine.

E. C. Auchter, chairman of the Standing Committee on Crop Improvement in the Pacific Area, and president and director of the Pineapple Research Institute of Hawaii, has been awarded the Wilder Medal for

outstanding achievements in the science of horticulture. Awarded by the American Pomological Society, the medal has been given to only 18 persons in the U. S. and Canada in 80 years.

Paul M. Cook, senior chemical and radiation engineer and technical director of several Stanford Research Institute projects for the AEC, will head the new radiation engineering staff. J. D. Graves, formerly assistant chief of the Physics Branch, Naval Radiological Defense Laboratory, has joined SRI as senior physicist in the Radiation Engineering Laboratory.

Alfred Gellhorn, associate professor of medicine at the College of Physicians and Surgeons, Columbia University, has been appointed director of the Insti-

tute of Cancer Research. He succeeds **Cushman D. Haagensen**, who has resigned in order to conduct research and write a book on tumors of the breast. Dr. Gellhorn joined the staff of Columbia University in 1943, becoming associate professor of pharmacology in 1946, and visiting physician and director of medical service at Francis Delafield Hospital in 1951. He became associate professor of clinical cancer research in 1948.

**Jacob J. Golub** has retired as medical director and executive vice president of the Hospital for Joint Diseases, New York. Dr. Golub joined the hospital in 1929. The retiring director has been asked by the trustees to act as adviser and consultant to the new and future administrations.

**Claus F. Hinck, Jr.**, has been named acting dean of the New York University College of Dentistry. Dr. Hinck, professor of biochemistry, succeeds **Walter H. Wright**, who died last December.

**Zay Jeffries, E. K. Bolton, and J. R. Townsend** have been appointed members of the recently formed Committee on Materials of the Department of Defense Research and Development Board. Dr. Jeffries, of Pittsfield, Mass., a former vice president of General Electric Company, was recently named a vice chairman of the Minerals and Metals Advisory Board of the National Academy of Sciences. Dr. Bolton recently retired as chemical director of Du Pont. Mr. Townsend, materials engineer for Bell Telephone Laboratories, has been serving the Office of Defense Mobilization as consultant to the director on conservation of materials since January of this year. **H. F. Robertson**, manager of development, Bakelite Corporation, has been named deputy chairman of the committee.

**Norman Jolliffe**, director of the Bureau of Nutrition of the New York City Department of Health, has been named president of the National Vitamin Foundation, Inc. Dr. Jolliffe has been a member of the organization's scientific advisory committee and an honorary member of the Board of Governors.

**Theodore A. Kiesselbach** is retiring after 43 years of research and teaching in agronomy at the University of Nebraska. A dinner honoring Dr. and Mrs. Kiesselbach was given by their friends and associates at the university Mar. 12. **H. D. Hughes**, of Iowa State College, was guest speaker for the occasion.

Tufts College Medical School has announced the appointment of **W. Eugene Knox** as associate professor of biochemistry. Dr. Knox will assume this post on July 1.

**Samuel Colville Lind**, of the Oak Ridge National Laboratory, has been awarded the Priestley Medal. A former president of the ACS and dean emeritus of the University of Minnesota Institute of Technology, Dr. Lind is at Oak Ridge as a research consultant on the staff of Clark E. Center, general manager for the Carbide and Carbon Chemicals Company. He is act-

ing director of the laboratory's chemistry division and also a director of the Oak Ridge Institute of Nuclear Studies. Presentation of the award will take place at the ACS fall meeting in Atlantic City, N. J.

**Theodore F. Lindgren**, former director of visual education at Illinois Institute of Technology, is now assistant director of the American Osteopathic Fund. Mr. Lindgren became director of visual education at Illinois Tech in 1946, supervising the visual aids library and managing the motion picture program.

**John A. McCone**, chairman of the board of the Pacific Far East Company, Los Angeles, and **Robert C. Swain**, vice president and director of research of the American Cyanamid Company, have been made members of the board of directors of Stanford Research Institute.

**John M. Miller** and **Robert M. Page** have been appointed to new research positions at the Naval Research Laboratory. Dr. Miller, who has been made scientific research administrator, will serve as the deputy director of research, responsible to the director of research, Edward O. Hulburt, for execution of the technical program of the laboratory and acting for the director of research in his absence. Dr. Page has been named associate to the director of research and will serve as consultant in electronics research and development, the position previously held by Dr. Miller.

**Rufus D. Smith**, provost of New York University since 1934 and a member of the faculty for 37 years, will retire on July 1. Dr. Smith returned recently from Chulalongkorn University, Bangkok, where he taught political science for six months under a Fulbright visiting lectureship. **Thomas Clark Pollock**, dean of the Washington Square College of Arts and Science, who filled Dr. Smith's post during his absence, will continue to serve as acting provost. Dr. Smith will act as special consultant to Henry T. Heald, chancellor, until his retirement.

The Fourth Annual Honor Scroll Award of the New York Section of the American Institute of Chemists will be presented to **Foster D. Snell**, president of Foster D. Snell, Inc., consulting chemists. The Honor Scroll, given annually for outstanding contributions to the profession of chemistry, will be presented to Dr. Snell at New York, May 22.

**Andrew Thomson**, of Toronto, controller of the Meteorological Division of the Federal Department of Transport, has been awarded the 1952 Gold Medal of the Professional Institute of the Public Service of Canada, for his outstanding contribution to meteorology and to air transport in the polar area of Canada. Mr. Thomson has also played a major role in the creation of the World Meteorological Organization as a specialized agency of the United Nations.

The American Academy of Arts and Sciences at its March meeting presented its first award for outstanding teaching of science in the secondary schools of New

England to **Elbert C. Weaver**, of Phillips Academy, Andover, Mass., in recognition of his distinguished service in the classroom and of his nation-wide activities for the improvement of science instruction.

A new fellowship established in the Department of Chemical Engineering at West Virginia University by the United States Stoneware Co., New York, has been awarded to **Chin-Young Wen**, of Taipeh, a graduate student. He will make a study of the absorption of tower packings used industrially to absorb either valuable or poisonous gases from air. Mr. Wen will work under the joint supervision of H. P. Simons, of the department, and Max Leva, of the Engineering Experiment Station.

## Education

James S. Coles, acting dean of the College at Brown University, has been elected president of **Bowdoin College** to succeed Kenneth C. M. Sills, who will retire in October after 35 years of service. His appointment has resulted in other changes at **Brown University**. Barnaby C. Kenney, dean of the Graduate School, who has been on loan to the U. S. government, will return to his regular post and will also assume the duties of acting dean of the college. Edward R. Durgin, USN, who will retire from the Navy on June 30, will become dean of students. He has been professor of naval science since 1948. Westcott E. S. Moulton will become associate dean of students.

The new Allston Burr Lecture Hall at **Harvard University**, which is equipped for the demonstration of scientific experiments before either large or small groups, opened Apr. 14 for classes in the General Education Program. The university's collection of early scientific instruments—some of them used in teaching science before the American Revolution—will be displayed in the new building.

**MIT** will offer a special course July 14–22 on Aeroelasticity, under the direction of Raymond L. Bisplinghoff. Feedback Control Systems will be offered June 9–20, under the supervision of Donald P. Campbell; a program in Digital Computers and their Applications, July 21–Aug. 1, under the direction of Jay W. Forrester and Charles W. Adams; and a course in Theory and Applications of Dielectric Materials, Sept. 3–12, under the direction of Arthur R. von Hippel. Inquiries should be addressed to Ernest H. Huntress, director of the Summer Session, Room 3-107, MIT, Cambridge 39.

Appointments at the **University of North Carolina** School of Medicine include: professor of preventive medicine and assistant dean in charge of continuation education, W. P. Richardson; clinical professor of psychiatry, David A. Young; and the following assistant professors: Ernest Craige, Isaac M. Taylor, Jeffress G. Palmer, Richard M. Peters, Colin G. Thomas, Jr., John B. Hill, and Gabriel F. Tucker, Jr. Thomas B. Barnett has been appointed instructor in medicine.

**North Dakota State College** will hold its fifth Paint Short Course in its School of Chemical Technology June 9–20, under the direction of Wouter Bosch, chairman of the Department of Paints, Varnishes and Lacquers. The second Paint Refresher Course, for advanced students and experienced workers, will be held June 30–July 12. This will consist of lectures, laboratory sessions, five evenings of industrial movies, and a series of technical discussions led by eight specialists from the paint industry.

**St. Louis University**, in reorganizing its chemistry program, has established a revised Institute for the Teaching of Chemistry, based on the results of a two-year study. The program comprises courses leading to the B.S. and M.S. in the teaching of chemistry and includes a summer course consisting of lectures, seminars, and workshops. Theodore A. Ashford, chairman of the ACS Committee on Tests, of the Division on Chemical Education, is director of the institute.

## Grants and Fellowships

**Celanese Corporation of America** will finance two fellowships in mechanical engineering at Stevens Institute of Technology for the academic year 1952–53. Preference will be given to applicants who received their undergraduate degrees in chemical or textile engineering or engineering physics.

In a continuation of a program begun last year, the **Fund for the Advancement of Education** has awarded fellowships to 221 men and 25 women teachers, representing 160 colleges and universities in 42 states. This year's grants total approximately \$1,400,000 and are part of the Ford Foundation's program aimed at strengthening liberal education.

An **Industrial Relations Research Award** will be presented at the September meetings of the American Psychological Association in Washington, D. C., to the person whose research is judged by a committee of five as the most valuable scientific contribution to the understanding of labor-management relations. The award is sponsored by the Society for the Psychological Study of Social Issues.

The **Theobald Smith Award** of \$1000 and a bronze medal, sponsored by the Eli Lilly Company of Indianapolis under the auspices of the AAAS, will be given for the eighth time at the St. Louis meeting in December. The prize is given for "demonstrated research in the field of the medical sciences, taking into consideration independence of thought and originality." Nominations should be sent to Gordon K. Moe, Department of Physiology, State University of New York Medical Center, Syracuse, before *June 30*. They should be in triplicate and accompanied by full information concerning the nominee's personality, training, and research work. U. S. citizens less than 35 years of age on Jan. 1, 1952, are eligible. Nominations may be made by AAAS Fellows, and the President of the Association and four Fellows will form

the committee of award. The last winner was C. W. Lillehei, of the University of Minnesota.

**Tau Beta Pi Association**, the national engineering honor society, has awarded five graduate fellowships for 1952-53, as follows: David R. Bennion (Stanford), James W. Gewartowski (Illinois Institute of Technology), Arnold B. Peinado, Jr. (Johns Hopkins), George L. Stegemeier (Missouri School of Mines), and Herbert J. Vassian (University of Pennsylvania).

**U. S. Rubber Company** has inaugurated a new five-year program of financial aid to science students in 11 universities and has renewed for one year a fellowship in physics at the University of Virginia and in polymer physics at Notre Dame. Universities that have accepted fellowships are: Caltech, Cornell, Harvard, MIT, Northwestern, University of California (Berkeley and Los Angeles), and the universities of Chicago, Illinois, Minnesota, and Wisconsin. Stipends range from \$2600 to \$3000.

### In the Laboratories

**Bristol Laboratories**, Syracuse, N. Y., have appointed Charles C. Scott, of Chilcote Laboratories, medical director.

**Chemstrand Corporation** has appointed C. W. Gayler technical superintendent, L. E. Dequine, Jr., plant engineer Louis F. Ray superintendent of intermediates, and Paul W. Runge chief chemist at its new nylon plant north of Pensacola, Fla. The plant is being designed and built by Du Pont.

**Dupont** has appointed Lawton A. Burrows general technical director of its Textile Fibers Department and has promoted Chiles E. Sparks to director of nylon research. James R. Kelly has been named planning manager of the manufacturing division for Dacron. Matt Denning, manager of the Finishes Division, retired on Feb. 29, after more than 31 years of service. He has been succeeded by John W. Nestor. J. Raymond Buckley will become manager of a newly created Personnel and Industrial Relations Division of the Fabrics & Finishes Department; he will be succeeded in his present post as manager of the Fabrics Division by Walter F. H. Matlage.

**Arthur D. Little, Inc.**, has elected Allen Latham, Jr., vice president. Dr. Latham will continue as technical director of the Mechanical Division. Thomas Bamford has joined the Technical Economic Survey Group, and William Glass and Frank Lane have joined the Operations Research Group. Other new staff members are Robert Lunn, Donald Noyes, and A. Burt Porter.

**National Dairy Research Laboratories**, Oakdale, N. Y., have appointed Franklin W. Barber leader of the Division of Microbiology.

The **Public Health Service** has established a Water Projects Section at Salt Lake City for the control of insects of public health significance associated with

the development of the nation's water resources. S. J. Ware is chief of the new section, which will operate within the Communicable Disease Center.

**Sharp & Dohme** has added two new research associates to its staff: Normand E. Brindamour, who will work in pharmaceutical research; and Nicholas W. Solonen, formerly of General Aniline and Film Corporation.

**Sterling-Winthrop Research Institute** has appointed Lewis P. Albro research associate to its organic chemistry staff, and Albert E. Buckpitt as research assistant in pharmaceutical research.

### Meetings and Elections

The **American Society of Tool Engineers**, meeting in Chicago, elected Leslie B. Bellamy, of Cleveland Quarries Company, president for 1952-53, succeeding J. J. Demuth, of the National Production Authority. Robert F. Waindle, Joseph P. Crosby, and Harry B. Osborn, Jr., were named vice presidents, H. E. Collins was elected secretary, and Gerald A. Rogers assistant secretary-treasurer. Howard C. Millen was re-elected treasurer.

The first annual meeting of the **Building Research Institute**, held Mar. 6 at the National Academy of Sciences, was attended by more than 50 persons representing member-organizations and the Building Research Advisory Board. Norman P. Mason was elected president, R. E. Zimmer vice president, and William H. Schieck executive secretary. The new Board of Governors includes M. H. Baker, H. R. Dowswell, F. M. Hauserman, J. N. Krohne, H. A. Leedy, R. W. McChesney, N. P. Mason, R. E. Zimmerman, W. Muirhead, and C. F. Rassweiler. William W. Rubey, chairman of the National Research Council, and C. R. Soderberg, chairman of the NRC Division of Engineering and Industrial Research, are ex officio members.

The seventeenth **Cold Spring Harbor Symposium on Quantitative Biology** will be held June 6-13. "The Neuron" will be discussed in 25 papers on such aspects as optical, ionic, and metabolic phenomena of active nerve; electrotonus and excitation; the peripheral origins of nervous activity; activity of the neuron soma; the properties of dendrites; transmission at the neuromuscular junction and at synapses of the invertebrate nervous system; sympathetic ganglia; and the central nervous system of vertebrates. Participants from abroad will include G. L. Brown and B. Katz (London); J. H. Burn (Oxford); A. L. Hodgkin (Cambridge); A. M. Monnier (Paris); C. G. Bernhard, B. Frankenhaeuser, C. R. Skoglund, and G. Svaetichin (Stockholm); and J. C. Eccles (Canberra). Attendance will be limited to about 100. For program and further information, address Biological Laboratory, Cold Spring Harbor, N. Y.

The second annual **Conference of Mental Hospital Administrators and Statisticians**, sponsored by the

National Institute of Mental Health, was held in Washington, D. C., Feb. 25-27. Conferees, representing 11 states that are members of a Model Reporting Area for mental hospital statistics, reported on progress made since the first conference, and presented papers dealing with statistical methodological problems, the role of statistics and records in the mental health clinic programs, and the extent of the use of psychosurgery in the U. S. Minimum standards for inclusion in the Model Area are a central reporting system, professional statistical personnel, and adoption of the uniform definitions and annual preparation of the minimum number of basic tabulations as recommended by the Model Reporting Area.

The Science-Technology Division of the Special Libraries Association has organized an **Institute on the Administration and Use of Technical Research Reports**, to be held May 30-31 at the Statler Hotel, New York, during the annual convention of the association. Speakers representing government agency, university, and industrial libraries will attempt to answer basic questions concerning the thousands of scientific and technical reports now being issued annually.

The third **International Congress of Electroencephalography and Clinical Neurophysiology**, to be held Aug. 18-21 in Boston, will feature general symposia on such subjects as epilepsy and other nervous and mental diseases, in addition to a large number of individual presentations. The American Branch of the League against Epilepsy will meet in Boston at the same time.

The **National Health Council** named Mrs. Oswald B. Lord president and Robin C. Buerki, executive director of Henry Ford Hospital, Detroit, president-elect at its annual meeting in New York in March.

The **Pennsylvania Academy of Science** has named Edward P. Claus president and Elmer C. Herber, president-elect. R. C. Stephenson and Helen Cherry have been elected vice presidents, and Harry K. Lane secretary-treasurer. The Junior Academy, meeting at the same time, awarded prizes to Theodore Sky, of Altoona High School, Doris Williams, of Taylor Alledice High School, Pittsburgh, and Jackson Locher, of Johnstown High School, for scientific papers in various fields.

The new **Société Belge de Biochimie** (founded Sept. 15, 1951) held its first general meeting in Brussels on Jan. 12. M. Florkin was named president. Headquarters of the secretary, Claude Liébecq, are at 17, Place Delcour, Liège.

A **Symposium on the Dynamics of Growth Processes** will be held at Williams College, June 25-29, under the joint sponsorship of the Committee on Developmental Biology of the National Research Council and the Society for the Study of Development and Growth. Grants from the committee, the American Cancer Society, and the National Cancer Institute will finance the program.

## Miscellaneous

The **American Mathematical Society** has sold its library, consisting of between thirteen and fourteen thousand bound volumes, to the University of Georgia. The university is continuing the entire exchange list of the society and expects to be able to keep the collection of American and foreign dissertations up to date. Department chairmen are urged to report the names of all persons who take the Ph.D. to the librarian at Athens so that copies of all dissertations may be added to the present extensive list.

A new biography of **Spencer Fullerton Baird**, second secretary of the Smithsonian Institution (1878-87), is being prepared by E. C. Herber, of Dickinson College, Carlisle, Pa. He will welcome correspondence with anyone able to furnish original material.

The **Corps of Engineers Climatic Field Test Team**, at the Desert Test Station, Yuma, Ariz., has entered on the second phase of its project. Currently, the effects of dust on Army equipment are being studied. A year-round project is the study of methods of classifying types of soil in and around Yuma for correlation with other projects in the pioneer construction of roads in deserts. The various tests will continue into next winter.

The **National Research Council of Canada** has turned over the operation of the Chalk River atomic energy project to a new company, Atomic Energy of Canada Limited. C. J. Mackenzie, president of the Atomic Energy Control Board and of the NRC, will be head of the new company. Dr. Mackenzie resigned as president of the council to assume his new post, but will continue to be a member of the Honorary Advisory Council for Scientific and Industrial Research.

New journals recently received include: *Acta Phytotherapeutica* (monthly from Amsterdam), for the publication of scientific articles on drugs derived from plants. American collaborators are Ralph H. Cheney, George M. Hocking, H. W. Youngken, and H. W. Youngken, Jr. A quarterly supplement to the *Philosophical Magazine*, with the same editor and editorial board, has been named *Advances in Physics* and will be devoted to review articles (£2 15s. per year, including postage.) A new bimonthly is the *American Journal of Physical Medicine*, of which Harry D. Bouman, University of Wisconsin Medical School, is editor. *Applied Statistics*, to be issued three times a year, will be published by the Royal Statistical Society (Edinburgh) and edited by L. H. C. Tippett. (\$4 per annum, post-free.) The Society of Systematic Zoology is launching a new quarterly journal—*Systematic Zoology*—this spring. Subscription rates are \$4.00 to members, \$7.00 to nonmembers and institutions, with a discount of \$1.00 to the latter for payment with order and without invoices or bills. Correspondence should be addressed to the secretary, R. E. Blackwelder, Room 429, U. S. National Museum, Washington 25, D. C.