

discovery enabled him to produce triploids and to conclude that true-breeding allotetraploids (a later term) could be originated from species crosses. His work enabled Standfuss soon afterwards to find the correct explanation for the triploid intersexes that he had produced in moths. Furthermore, this brilliant piece of work, together with Rosenberg's work on *Drosera* and Winge's theoretical analysis, has been the basis of all cytogenic work on species hybrids.

Federley, who was the first to start genetical and cytological work in his country, naturally exerted an immense influence upon Finnish biology and univer-

sity life. His school has been very successful, and he was beloved and revered by his students and colleagues. In his later years he devoted much time to human heredity, especially to an effort to make the general population conscious of its importance. During the difficult war period, when his institute was bombed, he remained a pillar of freedom. In his private life he was a quiet, charming, family man, who loved fun and the good things of life. Those who knew him intimately have lost in him a fine, noble, upright, and courageous friend, in addition to a brilliant investigator.

## News and Notes

### Research Laboratory, The Carver Foundation

THE new \$250,000 research laboratory building of the George Washington Carver Foundation, science research organization of Tuskegee Institute, was dedicated on February 12. The dedicatory address, entitled "Fantasy in Prophecy," was delivered by Henry Gilman, professor of chemistry, Iowa State College. Dr. Gilman was introduced by Roy C. Newton, vice president of Swift & Company, and trustee of the Carver Foundation, who sketched the progress in research made by the Carver Foundation during the past few years. Dr. Gilman also gave a talk to a seminar group on the subject "Organometallic Chemistry," as an added feature of the dedication.

The building, constructed of steel and concrete block with brick veneer, is U-shaped and has a frontage of 129 feet and a depth of 96 feet. It has 21 laboratory modules, 10' x 22', with relocatable partitions, offices for the administrative and senior staff personnel, and general utility rooms that include a library-seminar room, incubator room, refrigerated and ice storage rooms, darkroom containing a section with controlled temperature and humidity, special apparatus room, and stock and storage rooms. The concrete block used is a type developed and made by Tuskegee Institute; the architect, engineer, and superintendent of construction were members of the Tuskegee Institute staff, and the skilled labor was furnished by students in the School of Mechanical Industries during their industrial apprentice practice periods.

The Carver Foundation is Tuskegee Institute's organized unit for the administration of research sponsored by outside agencies. The research staff consists mainly of members of the faculty in the various science departments in the several schools of the institute, and research fellowships are awarded to graduate students. During the current year research in the pure and applied sciences is being sponsored through grants and contracts with the following agencies: Con-

tinental Can Company, Damon Runyon Memorial Fund for Cancer Research, Inc., International Minerals and Chemical Corporation, National Distillers Products Corporation, National Institutes of Health, Nutrition Foundation, Bureau of Human Nutrition and Home Economics (USDA), Office of Naval Research, The Parker Pen Company, Research Corporation, Swift & Company, and the Upjohn Company. Since this activity was initiated in 1945, approximately \$150,000 for research has been received from off-campus agencies, and fellowships totaling approximately \$50,000 have been awarded to 39 graduate students.

The Carver Foundation was established by the late George Washington Carver, and his life's savings represent the original endowment. The funds for the building were received as donations from foundations, industries, and individuals.

R. W. BROWN

*The George Washington Carver Foundation  
Tuskegee Institute, Alabama*

### Scientists in the News

**Samuel J. Ajl**, assistant professor of bacteriology at Washington University Medical School, has been appointed chief of the Microbiological Chemistry Section in the Department of Bacteriology, Army Medical Service Graduate School.

**Paul R. Burkholder**, chairman of the Department of Plant Science at Yale, has been designated a Sigma Xi national lecturer to discuss "Cooperation and Conflict among Primitive Organisms" before seven clubs and chapters of the Society of the Sigma Xi and Resa in Rhode Island, New York, New Jersey, Pennsylvania, and Ohio.

**David Marion Delo** has been appointed president of Wagner College on Staten Island and will assume his new post in July. He succeeds **Walter C. Langsam**, who leaves July 1 to become president of Gettysburg

College. Dr. Delo has been executive secretary of the American Geological Institute since 1949.

**Morse G. Dial** has been elected president of the Union Carbide and Carbon Corporation. Mr. Dial, who joined the company in 1929, became assistant secretary and assistant treasurer in 1939, secretary and treasurer in 1945, vice president and director in 1949, and a member of the executive committee and executive vice president last year.

**Harold W. Elley**, technical director of the Du Pont Organic Chemicals Department, has been elected chairman of the board of directors of the National Association for Mental Health. Prior to 1950, when the National Committee for Mental Hygiene, the National Mental Health Foundation, and the Psychiatric Foundation were merged to form the National Association for Mental Health, Dr. Elley was president of the Psychiatric Foundation. The association is a citizens' group working to promote good mental health and prevent mental and emotional illness.

**Samuel P. Ellison, Jr.**, professor of geology and consultant to the Bureau of Economic Geology and University Lands, was appointed chairman of the Department of Geology, University of Texas, effective February 1952. He replaced **A. H. Deen**, who has resigned.

**Stewart S. Howe** has been named vice president in charge of development and public relations at Illinois Institute of Technology and Armour Research Foundation. He resigned from a similar position in the National Sanitation Foundation, Ann Arbor, Mich., to assume his new duties.

**Clyde E. Keeler**, professor of biology at the Georgia State College for Women, Milledgeville, has won the Research Competition Award of the Association of Southeastern Biologists for his paper entitled "The Caribe-Cuna Moon-Child and its Heredity." Dr. Keeler holds the distinction of being the only person to have achieved this honor twice, having won a similar award from the same organization in 1947.

**Morris S. Kharasch** has been chosen to receive the 1952 Theodore William Richards Medal of the American Chemical Society's Northeastern Section. The medalist, who is Carl William Eisendrath professor of chemistry at the University of Chicago, was cited for his contributions to the theory and practice of organic chemistry, particularly for his work on the organomercury compounds. The Richards Medal was established in 1930 in honor of the late Professor Richards of Harvard University, first American chemist to win a Nobel prize.

**C. Donald Larsen** has been appointed executive secretary of the Cancer Control Committee of the National Cancer Institute. The committee, which functions as a preliminary review board for the National Advisory Cancer Council, consists of 13 nongovern-

mental cancer authorities, who serve as advisers for the cancer control program. In his new position, Dr. Larsen will review applications for special cancer control projects submitted by universities, teaching centers, and state, municipal, and private nonprofit organizations requesting financial support from the National Cancer Institute.

**John S. Leach**, executive vice president of the Texas Company, has been elected president to succeed **Harry T. Klein**, who was elected to the newly created office of chairman of the executive committee. Colonel Klein joined the Texas Company in 1921 as assistant general counsel. He had been president since 1944.

**Hubert S. Loring**, professor of biochemistry at Stanford University, has been appointed visiting Walker-Ames professor of biochemistry at the University of Washington, where, during the current quarter, he is offering a lecture course on the biochemistry of nucleoproteins, nucleic acids, and their components.

**Stanley J. Mack** has been appointed head of the laboratory of Arthus S. La Pine & Company, Chicago. Mr. Mack formerly worked with the Anderson Pritchard Company as a processing engineer and as a staff engineer for George S. May Co.

Rollins College has named **Hugh F. McKean** president. He had been acting president since last May, when he succeeded **Paul A. Wagner**. A Rollins graduate and member of the art faculty for twenty years, Mr. McKean was elected president of the Florida Federation of Art last year.

**Raymond F. Male**, of Princeton, N. J., has been appointed administrative director of the National Association for Mental Health. Mr. Male is director of personnel for the city of Philadelphia.

**William Montagna** and **Herman B. Chase**, associate professors in the Department of Biology, have been promoted to the rank of full professors at Brown University. Both have been members of the biology department for four years and recently have concentrated on the study of skin growth.

**Gardner Murphy**, chairman of the Psychology Department, City College of New York, has been appointed research director of the Menninger Foundation, nonprofit psychiatric center in Topeka, Kan., which has undertaken a \$1,365,000, three-year research and educational program. Dr. Murphy, former president of the American Psychological Association, will replace **Sibylle K. Escalona**, who will join the research staff of the Institute of Human Relations, Yale University. **J. Cotter Hirschberg**, professor of psychiatry at the University of Colorado Medical Center, was appointed director of the foundation's Department of Child Psychiatry.

**James Newby**, general secretary of the International Association for the Exchange of Students for Technical Experience, arrived in New York on Apr.

29 for a few months' visit at the invitation of the U. S. State Department. His immediate concern is to discuss with industrialists the value of accepting students from Britain and Europe as vacation workers in American factories in return for the reception of U. S. students in Europe. The International Association for the Exchange of Students for Technical Experience was founded in 1948 on the initiative of the Imperial College of Science and Technology, South Kensington, London, and it acts there for 24 British universities and colleges taking part in the exchange plan. Last year a total of 2433 students was enabled through the association to go overseas to gain experience in industry and commerce. Students of mechanical engineering are in the majority, but many other subjects, such as agriculture, geodesy, and textile engineering are among the 22 topics that have been studied by those seeking practical experience in another country. While in this country, Mr. Newby may be reached through Douglas N. Batson, Educational Exchange Services, Department of State, Washington 25, D. C.

**Charles S. Pichamuthu**, director of the Geology Department of the government of Mysore, Bangalore, India, has arrived in the U. S. for a four-month study of geological research institutions.

**Oliver Pilat**, author of *The Atom Spies*, shared the Page One award of the New York Newspaper Guild with **William V. Shannon** for his work on the *New York Post*.

**Henry Alsop Riley**, who has been associated with the Neurological Institute for more than 30 years, will retire as chief of the West Service of the institute in June, but will continue as consulting neurologist. Attending neurologist and chief of the West Service since 1938, Dr. Riley has been associated with Columbia University since his graduation from the medical school there in 1912. He has also been in the private practice of neurology since 1916.

**Joseph R. Shaeffer**, chief of surgery at Brooke Army Hospital, Fort Sam Houston, has been named to succeed **Warner F. Bowers** as chief surgical consultant to **George E. Armstrong**, the Army Surgeon General. Colonel Bowers will assume the position Colonel Shaeffer vacates at Brooke. Both officers will take on their new duties July 1. During Colonel Shaeffer's three-year term at Brooke, he was instructor in military surgery at the Medical Field Service School and professor of surgery at the Graduate School of Baylor University.

**Ralph G. H. Siu** has been designated associate technical director of the Research and Development Division, Office of the Quartermaster General. It is the intent of the Research and Development Division that Dr. Siu will continue to serve as consultant on basic research and as chief of the Pioneering Research Laboratories. Dr. Siu has been associated with the Philadelphia Quartermaster Depot since 1946, having at that time accepted an appointment as director of

research and development. Prior to this appointment he was a consultant with the Research and Development Division of the Office of Quartermaster General in Washington.

**Newbern Smith**, chief of the National Bureau of Standards Central Radio Propagation Laboratory, has received the 1952 Harry Diamond Memorial Award for his fundamental work in the field of radio wave propagation. Dr. Smith's work has formed the basis for the practical use of ionospheric observations in the operation of world-wide communication systems. Dr. Smith joined the NBS staff in 1935 as a physicist in the Radio Section of the Electricity Division.

**Erol Tumeretkin**, of Istanbul, has been named Whitbeck Fellow for the 1952-53 college year and will pursue graduate studies at the University of Wisconsin Department of Geography. The Whitbeck Fellowships were established in 1937 by the late Ray H. Whitbeck, for 30 years a member of the department. Over \$60,000 was set aside in his will for yearly fellowships and for grants to members of the geography staff for foreign travel or writing.

**J. C. T. Willis**, Division of Military Surveys for the British government, visited the Topographic Division of the Geological Survey in the course of an inspection tour of military agencies in the U. S.

**Lyman J. Wood**, professor of chemistry at St. Louis University, is scheduled to give a report on "Migration of Ions through Crystals" before the International Symposium on the Reactivity of Solids at Gothenburg, June 9-13. The meeting is sponsored by the Royal Swedish Academy of Engineering and the Chalmers University of Technology. He also plans to visit various universities in England, Germany, and France.

## Education

At the **Friday Harbor Laboratories** of the University of Washington, **George F. Papenfuss**, associate professor of botany at the University of California, will conduct a course in marine algology June 21-Aug. 22. Dr. Papenfuss will emphasize the taxonomy and morphology of marine forms, as well as techniques of shore collecting and dredging. Information regarding this and other courses to be given at the laboratories this summer may be obtained from **Richard H. Fleming**, Department of Oceanography, University of Washington, Seattle 5.

**Hunter College** has appointed **John J. Meng** to the newly created position of dean of administration. He will take office on Sept. 1. Dr. Meng will serve as executive officer of the Bronx campus and work to correlate the activities of the Bronx and Park Avenue campuses to insure unity of purpose and policy.

The **New Huston-Tillotson College** in Austin, Tex., formed by the merger of two church colleges for Negroes, has elected **Matthew S. Davage** president.

Dr. Davage has been head since 1940 of the Methodist Board of Education's Department of Higher Education for Negroes.

The **Institute of General Semantics** will hold its ninth summer seminar-workshop at Bard College Aug. 17-Sept. 1. Courses will be presented by the institute staff and associated co-workers from other institutions. For full information, write to the institute registrar, Lakeville, Conn.

**Stanford University** School of Medicine will offer post graduate courses for a limited number of practicing physicians Sept. 15-19. For information apply to the dean, 2398 Sacramento St., San Francisco 15.

## Grants and Fellowships

The **American Society of Biological Chemists** and the Division of Biological Chemistry of the **American Chemical Society** will make available a limited number of travel awards of \$700 each to aid American biochemists to attend the International Congress of Biochemistry to be held in Paris July 21-27. Awards will be restricted to persons under 40 years of age, but not to members of the two organizations. Applicants who have not previously been to Europe and who would be unable to attend the congress without an award will be favored. For application forms write *immediately* to Elmer H. Stotz, Department of Biochemistry, University of Rochester School of Medicine and Dentistry, Rochester 20, N. Y.

The **Atomic Energy Commission** has inaugurated a one-year fellowship training program for industrial hygienists, at the University of Rochester, starting in the fall of 1952. Up to four will be selected by a committee headed by H. F. Schulte. Stipends will be \$1500 per annum if single, an additional \$500 if married, and \$250 additional for each of two dependent children. If the fellow has completed one or more years of graduate work in a related field, he will be allowed \$200 more. Applicants must have a degree in engineering (preferably chemical), chemistry, or physics. Blanks may be obtained from Merrill Eisenbud, New York Operations Office, AEC, P. O. Box 30, Ansonia Station, New York 23.

The **Sol Dreyfuss Memorial Fellowship** in psychology has been made possible at Southern Methodist University by an annual gift of \$1500 from Mr. and Mrs. Lawrence Pollock, of Dallas. To be awarded for the first time in 1952, the fellowship is designed to cover study and research in the field of human relations in industry and is intended for a student working for the M.A. degree in the Department of Psychology. A. Q. Sartain, chairman of the department, will furnish additional information.

**Kappa Delta Phi**, professional education fraternity, and the **National Society for Crippled Children and Adults** have established a \$1000 scholarship in the University of Chicago School of Social Service Administration for a qualified graduate student in medi-

cal social work. Applications are available from the National Personnel Registry of the society, 11 S. La Salle St., Chicago 3.

**Monsanto Chemical Company** has established a \$1200 graduate fellowship in the School of Textiles at North Carolina State College. It will be open to qualified students in chemistry, chemical or mechanical engineering, or physics.

The **National Institute of Arthritis and Metabolic Diseases** will aid the manufacture of radioactive cortisone for use in medical research by means of a fund of \$66,000, to be administered by a small committee of scientists from nonfederal research institutions. Charles Huggins, of the University of Chicago, will head the group that will plan the project, bring together the starting materials, and contract with a suitable manufacturer. The product will be distributed to qualified scientists who submit formal research proposals to the institute.

## In the Laboratories

The Clinical Research Division of the **Chemical Corps Medical Laboratories**, Army Chemical Center, Md., has recently been reorganized, with Amedeo S. Marrazzi as chief. The Clinical Investigation, Pathology, and Neurology branches are included in the new division. E. Ross Hart is chief of the Neurology Branch, which is also new.

**Eaton Laboratories**, Norwich, N. Y., have appointed three new research workers to their staff: Michael P. Natt (parasitology), Melvin J. Bryson (biological chemistry), and Americo Woyciesjes (mycology). The medical department has been expanded by the appointment of Paul F. McLeod, George S. Rogers, and Harold D. B. Roberts. Dr. Roberts will head a new veterinary division. At a conference on the action of nitrofurans on endocrine glands held recently at the laboratories, the following were among the speakers: Warren O. Nelson, Marguerite Sykes, Donald A. Clarke, T. C. Pomeroy, and Charles Friedgood.

Franklin E. Satterthwaite, of General Electric Company, has joined the Operations Research Group of **Arthur D. Little, Inc.** Other recent additions to the staff include Harold Morian, Alton Poole, and Francis Graves.

**Los Alamos Scientific Laboratory** has added the following scientists to its staff: Burel E. McGarrahan (GMX Division); Darrel W. Morgeson (Weapons Division); and W. Robert Spensley (Documentary Division).

I. W. McLean, Jr., former virus research coordinator, has been named assistant director of **Parke, Davis** microbiological research, and the following have been appointed laboratory directors in their respective fields: Daniel A. McGinty (physiology), Jean K. Weston (pathology), Graham M. Chen (pharmacodynamics), and John Ehrlich (antibiotics).

## Meetings and Elections

**Alpha Chi Sigma**, national professional chemical fraternity, will hold its 50th anniversary meetings at the University of Wisconsin June 22-26. The fraternity was founded on the Wisconsin campus by J. H. Mathews, retiring chairman of the Wisconsin Department of Chemistry, and seven other students. E. M. Larsen, of Wisconsin, is general chairman of the meetings; persons desiring to attend should get in touch with him or with Paul Bender, 51 Chemistry Bldg., Madison 6, Wis.

The **American Institute of Planners** has elected Frederick P. Clarke, planning director of the Regional Plan Association, president. Other officers named at the annual meeting were John T. Howard, vice president, and Harry E. Burgh, secretary-treasurer.

The **American Oil Chemists' Society** elected E. M. James, technical adviser to the board of Lever Brothers Company, president for 1952-53; Procter Thompson was elected vice president, and T. H. Hopper and J. J. Vollertsen were re-elected secretary and treasurer, respectively. A. R. Baldwin, W. A. Peterson, and N. A. Ruston were elected members-at-large.

The **Histochemical Society** elected the following officers at its meeting in New York in April: president, Stuart Mudd; vice president, J. Walter Wilson; secretary, Ralph D. Lillie; treasurer, Edward W. Dempsey. Arnold Lazarow and Albert H. Coons were elected councillors for four-year terms.

An **International Conference on Beta and Gamma Ray Activity**, to be held in Amsterdam Sept. 1-6, is being organized by the Netherlands Physical Society and the International Union of Pure and Applied Physics. G. J. Sizoo, C. J. Bakker, J. de Boer, W. J. Beekman, H. Brinkman, H. B. G. Casimir, A. D. Fokker, S. R. de Groot, H. A. Kramers, R. Kronig, and J. M. W. Milatz make up the organizing committee. Applications for participation must be made as soon as possible, and contributors are urgently requested to send title and summary of their communications to J. de Boer, Bunsenstraat 98, Amsterdam O.

The **National Academy of Sciences**, at its annual meeting in Washington, D. C., Apr. 28-30, re-elected William J. Robbins treasurer, and Robert F. Loeb and Wendell M. Stanley members of the Council, to serve until June 30, 1955. Thirty new members were elected, and Neils Bjerrum, Tadeus Reichstein, and Harald U. Sverdrup were elected foreign associates.

At its annual meeting in Decatur, Ga., the **Association of Southeastern Biologists** elected the following officers: president, Margaret Hess; vice president, C. S. Shoup; secretary-treasurer, Mary Esther Gauden. Bruce D. Reynolds is the new president-elect. Clyde E. Keeler received the Carolina Biological Supply Company award, Robert D. Ross the Phipps and Bird Fellowship for summer research at the Mountain Lake

Biological Station, and Mary S. McDougall the new award of the Southern Scientific Company, Atlanta, for "meritorious service and contributions as a teacher and leader in biology."

## Miscellaneous

The **American Physiological Society** has undertaken a study with the purpose of exploring physiology as a science and of furthering its contribution to the welfare of the U. S. A guiding committee has been formed to direct the study in its broad definition of the physiological aspects of biological science and pertinent applications, under the chairmanship of R. W. Gerard, with W. O. Fenn as deputy chairman. A subcommittee, working under Gerard and Fenn, will study the character and trends of physiological science; personnel aspects of the science will be investigated by a subcommittee under the guidance of R. S. Morison and H. B. Steinbach; communication (and teaching) from public, organizational, and international standpoints will be examined by M. S. Visscher and A. C. Burton; research aspects, or the operating conditions under which research is conducted, and possible improvements, will be considered by David R. Goddard and Dr. Fenn; and, finally, the application of suggested solutions to those problems faced in medical, industrial, governmental, and agricultural channels of physiological science will be guided by Morris Tainter and another yet to be selected. Orr E. Reynolds has been appointed executive secretary for the initial phase of the study and will be on leave from his position as director of the Biological Sciences Division of the Office of Naval Research, for the duration of his service in such capacity. Dr. Reynolds' offices are in the Dupont Circle Bldg., Washington, D. C., a part of the headquarters of the society. John P. Lindsay will serve as acting director of the Biological Sciences Division in Dr. Reynolds' absence from ONR. The "physiology assay" will be made in two phases. The first, planned for nine months or less, will formulate the full set of problems, collect and evaluate available data, and create basic instruments and procedures for further research. The second phase, planned for 18 months, will carry out the actual research studies. Financial support of the study is being provided by the National Science Foundation.

Effective June 1, the central office of the **National Association of Corrosion Engineers** will be moved to larger quarters at 1061 M & M Bldg., 1 Main St., Houston 2, Texas.

The following have been elected trustees of **Science Service**: Duane Roller, nominated by the National Research Council; Charles E. Scripps, chairman of the Edward W. Scripps Trust; and Homer W. Smith, nominated by the National Academy of Sciences. Harlow Shapley was re-elected president, and Alexander Wetmore vice president. O. W. Riegel, treasurer, and Watson Davis, secretary, were also re-elected.