

#### STEROID CHEMISTRY

T. F. Gallagher, *Chairman*

*August 13-17*: Recent Advances in the Chemistry of Adrenal Steroids, General topic for presentation and discussion: Total Synthesis.

(Speakers and detailed program will be announced later.)

#### INORGANIC CHEMISTRY

*Present Status and Desirable Future Objectives*

W. Conard Fernelius, *Chairman*

*August 20-24*: General subjects: Coordination Compounds, Crystal Growth, Electron-deficient Fluorine Compounds. Detailed program to be announced.

#### NUCLEIC ACIDS AND PROTEINS

R. W. G. Wyckoff, *Chairman*; Kurt G. Stern, *Vice Chairman*

*August 27-31*: The program will include the following topics: The chemistry of and analysis for split products of nucleic acids; certain reactions of proteins; problems of viruses concerned with (a) the use of tracers in studying the growth of bacteriophage and (b) the nature of the infectious unit of certain plant viruses; mechanisms of the effects of radiation on microorganisms.

(Speakers and detailed program will be announced later.)

## News and Notes

### Scientists in the News

Three Canadian representatives have been appointed to the International Commission for the Northwest Atlantic Fisheries. They are **Stewart Bates**, deputy minister of fisheries, Ottawa; **J. Howard MacKichan**, general manager, United Maritime Fishermen, Ltd., Halifax; and **Raymond Gushue**, chairman, Newfoundland Fisheries Board. **A. W. H. Needler**, director of the Atlantic Biological Station, Fisheries Research Board of Canada, St. Andrews, was named scientific adviser to the commissioners.

**Manson Benedict** has been appointed professor of chemical engineering at Massachusetts Institute of Technology. He will also serve as scientific director of the National Research Corporation. He has been director of process development for Hydrocarbon Research, Inc., and is a member of the AEC Reactor Safeguard Committee.

**Edward P. Brooks**, vice president and director of Sears, Roebuck and Company, has been chosen head of the new School of Industrial Management at MIT. Mr. Brooks goes to his new post in September, and the school, which is to be established with a \$5,250,000 gift of the Alfred P. Sloan Foundation, is expected to open late in 1952.

**Ernest Cadman Colwell**, president of the University of Chicago, has resigned to accept appointment as "the distinguished visiting professor" of Emory University. His resignation leaves vacant both the presidency and chancellorship of the university. Chancellor **Robert Maynard Hutchins** resigned in December to join the Ford Foundation as an associate director, with headquarters in Pasadena, Calif. **Lawrence A. Kimpton** has been named chancellor, but no successor to Dr. Colwell has been chosen.

**Bertil Frödin**, Swedish engineer and businessman, is a member of the Fifth Chilean Antarctic Expedition. On commission by the universities of Stockholm, Uppsala, and Gothenburg, Mr. Frödin will make geo-

graphical, glaciological, geological, and botanical observations during the trip to Graham's Land.

**Maurice Goldblatt** has received the University of Chicago's most distinguished award, the Rosenberger medal, awarded for service in the promotion of human welfare, in recognition of his contributions to the welfare of the city and the University of Chicago, and for his leadership in the national fight against cardiac, cancer, and mental diseases. Mr. Goldblatt is the eleventh recipient of the medal.

The Guyot Prize, awarded by the University of Groningen every fifth year for the most prominent discoveries in the field of ear diseases, has been conferred on **Gunnar Holmgren**, of Stockholm.

**Harry N. Holmes**, professor emeritus of chemistry, Oberlin College, has been chosen to receive the 1951 Gold Medal of the American Institute of Chemists, in recognition of his "noteworthy and outstanding service to the profession of chemist and the science of chemistry as an able and enthusiastic teacher, author, and investigator." Presentation of the medal will be made at the annual meeting of the institute at Niagara Falls, Ontario, May 9-11.

**Willard Rouse Jillson**, former state geologist of Kentucky, has resigned his position as professor and head of the Department of Geology at Transylvania College. He will continue his professional work as a consultant in geology and mining engineering at Frankfort.

**William D. Johnston**, chief of the U. S. Geological Survey's foreign geology branch, has just returned from India, where he represented the U. S. Government and the Geological Society of America at the centenary of the Geological Survey of India in Calcutta, and conferred with governmental, industrial, and scientific leaders on Point Four geological projects. He reported that India is keenly interested in the possibility of sending native geologist trainees to this country under both Point Four and UN provisions.

**John A. Straczek**, minerals geologist, is in Orissa on a cooperative Point Four manganese investigation, and **George C. Taylor**, ground-water geologist, is working on ground-water resources. Dr. Johnston participated in the Indian Science Congress in Bangalore, in meetings of the subcommittees on iron and steel, and industry and trade, of the UN Economic Committee for Asia and the Far East at Lahore, and other conferences in India and Pakistan. He also spent ten days in Saudi Arabia inspecting Point Four geological projects directed by **Glen Brown** and **Roy Jackson**.

**Jacob Korevaar**, of Technical High School, Delft, Holland, who was visiting lecturer at Purdue University during 1949-50, has been appointed visiting assistant professor for 1950-51.

**Arthur Kornberg**, senior surgeon in the Division of Biochemistry, USPHS, received the \$1,000 Paul-Lewis Laboratories Award in Enzyme Chemistry at the Boston Meeting of the American Chemical Society. The honor comes to Dr. Kornberg in part because his work has yielded new clues to the mechanism by which sugars and starches are transformed in the living body. He delivered his award address on the "Enzymatic Synthesis of Nucleotides" at a symposium of the society's Division of Biological Chemistry.

**Chester R. Longwell**, of Yale University, has been elected a corresponding member of the Geological Society of Belgium.

For fundamental research opening the way to broader industrial, pharmaceutical, and medical uses of milk proteins, **Thomas L. McMeekin**, of Philadelphia, received the \$1,000 Borden Award in the Chemistry of Milk at the Boston session of the American Chemical Society's national meeting. Dr. McMeekin is head of the protein division of the USDA's Eastern Regional Research Laboratory. His award address was on "Milk Proteins."

**Karl Menger**, professor of mathematics at Illinois Institute of Technology, is delivering a series of lectures on metric geometry at the Sorbonne. Dr. Menger designed the mathematics display now being installed in the Museum of Science and Industry, Chicago.

**Ferdinando Morin**, formerly associate professor of anatomy at the University of Genoa, Italy, has joined the staff of the Department of Anatomy, and **Ronan O'Rahilly**, lecturer in anatomy and histology at the University of Sheffield, Eng., and Ainsworth scholar in anatomy from the National University of Ireland, 1950-51, is visiting associate professor of anatomy at Wayne University College of Medicine.

Northwestern University has appointed to its faculty five staff members of Chicago area schools of nursing affiliated with its nursing education program. The appointments, which were given jointly by the College of Liberal Arts and the Medical School's De-

partment of Medicine, included **Edna S. Newman**, of Wesley Memorial Hospital; **Miriam Dolly Rand**, of Passavant Memorial Hospital; and **Elizabeth Winnifred Odell**, of Evanston Hospital, who were named associate professors of nursing education. **Laura Bernice Chapman** and **Clare Louise Smith** were given the rank of instructor in nursing education.

The first Louis Rapkine Memorial Prize has been awarded to **Gerald Oster**, who is continuing his researches in biophysical chemistry at the Institut de Biologie Physico-chimique in Paris in the laboratories of Professor Wurmser.

**Charles Steven Papp**, a graduate of the University of Szeged, Hungary, and a recent arrival in this country, has become head of the Department of Entomology at Ward's Natural Science Establishment.

**Dmitri Vladimirovich Skobeltzyn**, with two of his colleagues, was awarded a 200,000-ruble Stalin Prize for cosmic ray studies that were said to throw new light on the nature of the atomic nucleus. Professor Skobeltzyn received one of the 82 Stalin awards in science and 59 in industry, totaling more than 11,000,000 rubles in cash benefits. Another 200,000-ruble first prize in the physics field went to **Leonid M. Brekhovskikh**, **Lazar D. Rosenberg**, and two other scientists for "scientific research in the field of acoustics." A 100,000-ruble second prize went to another nuclear physicist, **Yakov Petrovich Terletsky**, of Moscow University, for his work on the theory of induction expeditors and the origin of cosmic rays. Important awards went also to **Boris G. Lazarev** for a "new method of enrichment of helium with light isotopes," and to **Anatoly Dorodnitsyn** and a group of other workers for research in the field of aerodynamics.

**Louise Stedman**, head of the Department of Home Economics, University of Maine, has been appointed director of the School of Home Economics on the St. Paul Campus of the University of Minnesota.

**Harold W. Stoke**, a member of the Board of Directors of the Oak Ridge Institute of Nuclear Studies since May 1949, has been named to conduct an extensive long-range study of public school teachers and their place in American society with the National Citizens Commission for the Public Schools. **Roy E. Larsen**, president of Time, Inc., is chairman of the commission. Dr. Stoke will work directly with a committee appointed by the commission. **Mrs. Barry Bingham**, vice president of the Louisville *Courier-Journal and Times* and a trustee of Radcliffe College, will head the committee.

**Barton B. Wadsworth** and **Edward L. Kropa** have been elected vice presidents of the Chemical Division of the Borden Company. Mr. Wadsworth has been with the division for twenty years and became assistant general sales manager in 1950. Dr. Kropa joined the Chemical Division as chemical director in 1949, prior to which he had been with the American Cyanamid Company.

## Colleges and Universities

Since the publication in *SCIENCE* (March 16, p. 304) of the notice regarding the **ACS-Cooperative Chemistry Tests**, it has been decided that in the interests of economy the tests will be distributed through St. Louis University instead of the Educational Testing Service. For all information, write to Theo. A. Ashford, of the University's Department of Chemistry.

The **University of California at Los Angeles** will hold an Institute for Teachers of Mathematics July 9-20. W. W. Rankin, of Duke, will be the director. Registrants may earn two units of college credit. For application blanks and further details, address Clifford Bell, Mathematics Department, Los Angeles 24.

**Lehigh University** has received 15,000 volumes of scientific periodicals from the estate of Harvey Bassler, specialist in the geology of South America. The collection includes long runs of scientific journals such as the *Auk*, the *Botanical Gazette*, the *Kew Bulletin*, *Torrey*, and the *Geological Magazine*, as well as the record of the *Beagle* published by Charles Darwin.

**Middlebury College** Foreign Language Schools are organizing a graduate School of Spanish in Spain, which will cover Spanish linguistics, phonetics, literature, history, fine arts, and social institutions. The first semester of the 1951 academic year will be held at the University of Madrid, the second at the University of Salamanca. A preliminary summer at Middlebury College is required. For information address Samuel Guarnaccia, Middlebury College.

From June 4 through August 17, **New Mexico Highlands University** will hold special summer courses in spectroscopy, a workshop in glass blowing, and advanced work in analytical, organic, and physical chemistry, plant anatomy and physiology, bacteriology, and ecology.

Financed by the Carnegie Corporation, and as part of its centennial celebration, **Northwestern University** will offer the first U. S. Institute on Contemporary Africa June 23-August 4. The faculty will include Vernon McKay, Kenneth L. Little, Harry Rudin, Joseph Greenberg, Lyndon Harries, Paul Wingert, and M. J. Herskovits (Northwestern), to whom inquiries should be addressed. The courses will be open to qualified students in the social sciences.

**Ohio State** and **Ohio Wesleyan** universities will sponsor the first annual Perkins Astronomy Festival May 3-5 at the Perkins Observatory. Otto Struve will be the principal speaker, and J. Allen Hynek and John E. Merrill are co-chairmen of the event. The annual McMillin lecture will be given May 3 by Dr. Struve in the new Ohio State Physics Building.

Metallurgy of Steelmaking will be the subject of a special course at **MIT** June 13-23. It will review the principles and emphasize recent progress in practical

application, under the direction of John Chipman and Nicholas J. Grant. Among the guest lecturers will be W. O. Philbrook, of Carnegie Institute; L. S. Darken and B. M. Larsen, of U. S. Steel; and M. Tenenbaum, of Inland Steel. Walter H. Gale is director of the MIT summer session.

By means of USPHS funds the Department of Philosophy and Psychology of the **University of Tennessee** has scheduled the following spring quarter visiting lecturers: George K. Bennett, The Psychological Corporation; Anne Roe, research and clinical psychologist, New York City; A. Cornelius Benjamin, Department of Philosophy, University of Missouri; Warren S. McCulloch, University of Illinois College of Medicine; Andras Angyal, Boston psychiatrist; and Clyde Kluckhohn, Harvard University Russian Research Center.

**Polytechnic Institute of Brooklyn**, through its Graduate School of Physics and Institute of Polymer Research is offering summer laboratory courses in x-ray diffraction, experimental methods in physical biochemistry, molecular weight and shape of polymers in solution, polymerization and copolymerization techniques, and synthesis, structure, and application of polyelectrolytes. Inquiries should be addressed to I. Fankuchen or H. F. Mark, 85 Livingston St., Brooklyn 2, N. Y.

The **University of Texas Medical Branch**, Galveston, and the **Museum of Natural History**, of Houston, have organized an expedition to the Republic of Colombia for the collection of insect vectors of tropical disease. Ludwik Anigstein and Don Micks, of the Department of Preventive Medicine and Public Health, will be among the scientists participating in the expedition.

## Fellowships

The **Deutscher Akademischer Austauschdienst**, of Bonn, has offered two fellowships for American students to study in Germany November 1 to July 31. The awards are given on the basis of a national competition, and the date for receipt of applications is *May 10*. Write for information to the U. S. Student Program, Institute of International Education, 2 W. 45th St., New York 19.

Three **Lalor Fellowships** are available at the University of Delaware for graduate students in natural science, particularly areas in which chemistry and physics are applied to biological problems. Application blanks, returnable by *May 7*, may be obtained from Carl J. Rees, of the University.

The **Ferris and Florence Smith Foundation for Plastic Surgical Research**, Grand Rapids, Mich., has established a fellowship at the University of Texas Medical Branch, Galveston, for work in the Tissue Culture Laboratory. Jorge Gonzales Ramirez, of Mexico City, son of Gonzales Guzman, University of Mexico, the present holder, is working under Charles M. Pomerat, on the growth of haemangiomata.

The American Council of Learned Societies has inaugurated a program of awards for teachers in the humanities temporarily displaced from college and university faculties as a result of the defense emergency. Stipends for an ACLS Scholar will normally be the equivalent of the salary earned by the candidate during the academic year 1950-51, not to exceed \$5,000. U. S. citizenship and a Ph.D. or its equivalent are prerequisites. For application forms write at once to Secretary for ACLS Scholars, American Council of Learned Societies, 1219 16th St., N. W., Washington 6, D. C.

A **Scripps Fellowship** is now available for research at the San Diego Zoological Society. Research is to be done on a problem that will make use of available material and be of benefit to the Zoo. Requests for further information should be addressed to Joan Morton, Biological Research Institute, S. D. Zoological Society, Box 551, San Diego 12, Calif.

## Meetings and Elections

The **Association of Geology Teachers**, Central Division, held its annual meeting March 30-31, at De Pauw University. C. L. Bieber, chairman of the Department of Geology and Geography, was host. The meeting consisted of two symposia, one on the Teaching of Historical Geology and another on the Teaching of Paleontology. New officers for the 1951-52 term are: president, Grant T. Wickwire, Hanover College; vice president, Donald Boardman, Wheaton College; secretary-treasurer, R. C. Gutschick, University of Notre Dame; editor, William F. Read, Lawrence College. The organization would like to emphasize that membership is open to all teachers of geology, but it is not restricted to teachers. Nonteaching geologists, including commercial geologists, are welcome to become members. Teachers associated with geology in the secondary schools are also invited to join.

Physicians and scientists interested in attending the **Army Medical Service Graduate School's** symposium on shock May 7-9 at the Army Medical Center in Washington are asked to notify the Commandant, Army Medical Service Graduate School, Army Medical Center, Washington 12, D. C.

The sixteenth **Cold Spring Harbor Symposium on Quantitative Biology** will be held June 7-15, with "Genes and Mutations" as the topic. During the meetings, the following aspects of the problem will be discussed: Gene concept, cytoplasmic constituents of heredity, evolution of the gene, induction of changes in genes and chromosomes, genetic mechanisms in bacteria and bacterial viruses, and conclusions and perspectives. Thirty-one papers are scheduled to be given. European participants will include C. Auerbach, K. A. Bisset, and P. Koller (Great Britain); B. Ephrussi, H. Ephrussi-Taylor, and Ph. L'Heritier (France); A. Buzzati-Traverso (Italy); M. Westergaard (Denmark); G. Bonnier, A. Gustafsson, and A. Levan (Sweden); and E. Hadorn (Switzerland). Attendance will be restricted by space limitations to about 100.

For program and information, address the Biological Laboratory, Cold Spring Harbor, N. Y.

The **Biological Laboratory**, Cold Spring Harbor, N. Y., is offering, for the seventh consecutive year, a summer course on bacteriophage, to be held June 25-July 14. The course will be taught by Mark H. Adams, of New York University, and is designed to acquaint research workers with some of the techniques used in work with bacterial viruses, and with recent results of such work. Following this, the course on bacterial genetics, being offered for the second year, is scheduled for July 18-August 7. Taught by E. M. Witkin, V. Bryson, and M. Demerec, this will cover selected methods used in research in bacterial genetics. Information about either course may be obtained from the Laboratory.

The **Genetics Society of America** has formed a Public Education and Scientific Freedom Committee, composed of three elected members plus the president and secretary of the society. In 1950 the three members elected were H. J. Muller (3 years); A. H. Sturtevant (2 years); and H. B. Glass (1 year). These men were elected from nine nominees each of whom submitted a prepared statement as to his idea of the purpose and function of the committee. By this method the members of the society knew the views of each candidate before voting. The vote was 518 out of a total of 813 eligible, or 64%. The committee has elected M. R. Irwin chairman.

We have been informed by the Carnegie Institution of Washington that in error they advertised the book *A Study of Classic Sculpture* (*Science*, 113, 8, [April 6]) instead of *A Study of Classic Maya Sculpture*.

The **Army Chemical Replacement Training Center** will be moved about May 1 and the **Chemical Corps School** about August 15 to the newly activated Army Chemical Training Center at Fort McClellan, Alabama.

SCAP has approved another **Medical Education Team** for Japan, the organization of which has been undertaken by the Unitarian Service Committee. The present plan calls for four teams of three men each who will spend two weeks in three different medical schools, the entire group thus covering a total of twelve schools between May 14 and July 1. The team will visit the medical schools at the following universities: Keio, Tokyo, Jikei-kai, Chiba, Tohoku, Niigata, Kanazawa, Hokkaido, Kyoto, Osaka, Kobe, and Kyushu. The staff will be composed of Paul Beeson, *Chairman*, Emory University Medical School; Lauren V. Ackerman, Washington University; Daniel O. Darrow, Yale School of Medicine; Charles S. Davidson, Harvard School of Medicine; Charles G. Johnston, Wayne University; Philip Handler, Duke School of Medicine; Salvatore P. Lucia, University of California Medical Center; Robert R. Newell, Stanford School of Medicine; Maurice H. Seevers and Malcolm H. Soule, University of Michigan; and Perry P. Volpito, Medical College of Georgia.