

NEWS and Notes

George B. Pegram, 73-year-old vice president of Columbia University, will retire June 30. He has been appointed special advisor to Columbia's president for a one-year term beginning July 1, and will also serve as scientific and educational consultant at the Oak Ridge Institute of Nuclear Studies during the coming academic year.

C. O. Dunbar, director of the Peabody Museum of Natural History at Yale University, **R. L. Flint**, Yale professor of geology, **L. C. Graton**, professor of geology, and **A. S. Romer**, professor of zoology, both of Harvard University, were recently elected members of the Geological Society of London.

Cyrus C. Sturgis, professor of medicine, University of Michigan Medical School, and director of the Thomas Henry Simpson Memorial Institute for Medical Research, will deliver the ninth Edwin R. Kretschmer Memorial Lecture of the Institute of Medicine of Chicago on Friday evening, April 28, at the Palmer House. His subject will be "An Evaluation of the Nature, Treatment, and Prognosis of Leukemia."

John S. Poe, formerly of Columbia University College of Physicians and Surgeons, has been appointed professor of neuropsychiatry and head of the department at the University of Arkansas School of Medicine, effective May 1. **H. Lee Hall** has been appointed associate professor of neuropsychiatry, effective July 1. Dr. Hall was formerly associated with the Long Island College of Medicine.

Arthur F. Sievers retired March 31 from the U. S. Department of Agriculture after 43 years of service devoted to research on the culture and analysis of plants producing drugs, poisons, insecticides, essential and fixed oils, perfumes, and related products. For the past 25

years he has had the major responsibility for these investigations, with headquarters for the past ten years at Plant Industry Station, Beltsville, Maryland.

Darol K. Froman has been named technical associate director of the Los Alamos Scientific Laboratory to replace **John H. Manley**, who has resigned to devote more time to research. Dr. Froman has been a member of the staff since 1943, and was scientific director of the atom bomb tests at Eniwetok in 1948.

Hermann I. Schlesinger, professor emeritus of chemistry of the University of Chicago, is delivering Cornell University's George Fisher Baker nonresident lectures, which began April 4 and will continue for six weeks. The lecture series is entitled "Recent Developments in the Hydrogen Compounds of the Lighter Elements."

Joseph Bernhardt Rosenbach, a member of the Carnegie Institute of Technology faculty for three decades, has been named head of the Department of Mathematics. Dr. Rosenbach has been assistant head of the department since 1946.

Samuel Soskin has resigned as medical director of Michael Reese Hospital in Chicago, in order to spend full time on his duties as director of the Medical Research Institute, and as dean of the Michael Reese Hospital Postgraduate School.

Joseph Anderson has joined the staff of the Laboratory of Physiological Hygiene, University of Minnesota, as assistant professor in the School of Public Health. He was formerly in the Department of Physiology at the University of Rochester.

Visitors to U. S.

Manimo Cimino, astronomer with the Rome Observatory, recently visited the Palomar and Mt. Wilson Observatories.

James G. Morrow, chief metallurgist, The Steel Company of Canada, Ltd., Hamilton, Ontario; **J. G. Reynolds**, senior research chemist,

Thornton Research Center of the Shell Refining and Marketing Company, Thornton, England; and **Balth Van Der Pohl**, director, and **Leslie Hayes**, vice director of the International Radio Consultative Committee of Switzerland, were recent visitors at the National Bureau of Standards.

F. H. Bentley, professor of surgery, Newcastle-upon-Tyne, University of Durham, England, was a recent lecturer at the Mayo Foundation clinic, in Rochester, Minnesota.

Grants and Awards

A \$30,000 grant by the **David P. Wohl Foundation** of St. Louis has been made to the St. Louis University School of Medicine to establish the Wohl Memorial Institute of Experimental Surgery. The **Firmin, Desloge**, and **St. Mary's** hospitals will also utilize the institute, which will provide preoperative and postoperative wards, anesthetic, sterilizing, and operating rooms, and a diet kitchen.

The 1950 **Carl Neuberg Medal** was awarded to **Jesse P. Greenstein**, chief of the Biochemistry Section of the National Cancer Institute, U. S. Public Health Service, by the Association of European Chemists and Pharmacists of New York, on March 14. Dr. Greenstein was cited for his contributions to chemistry and biochemistry, particularly for his work on enzymatic behavior of normal and neoplastic tissue, demonstration of dehydropeptidase activity in protein metabolism, and development of an enzymatic method for obtaining optically pure amino acids.

Summer Programs

The fourth summer session of the **Gulf Coast Research Laboratory** will be held at Ocean Springs, Mississippi, from June 6 through August 25. Laboratory courses will be offered for both graduate and undergraduate students in botany, invertebrate zoology, marine sedimentation, ichthyology, chemistry, endocrinology, parasitology, techniques in biology for high school teachers, and science for elementary teachers, and

research facilities will be available. Students from other states will be accepted on a regional basis, without out-of-state tuition charge. Further information may be obtained from Dr. R. L. Caylor, Delta State Teachers College, Cleveland, Mississippi.

A summer school on the **physics and chemistry of free radicals** will be held in the Department of Physical Chemistry, University of Cambridge, England, August 19-26. Lecture courses and demonstrations will be given on the structure, spectroscopy, and mass spectroscopy of free radicals; free radicals produced by light and nuclear radiation, and their reactions; the role of free radicals in combustion and polymerization; and free radical reactions in solutions. Further details and application forms may be obtained from the Secretary of the Summer School, Department of Physical Chemistry, Free School Lane, Cambridge.

The **Yale Summer School of Alcohol Studies** will hold its eighth annual session at the university July 8-August 4. The program, which includes 55 lectures, informal group meetings, visits to the laboratory and clinics, and consultation with staff members, will be under the direction of Elvin M. Jellinek, research associate in applied physiology. Emphasis will be placed upon problems of alcoholism in industry and a special workshop will be provided for those engaged in personnel work. Part or whole scholarships are awarded annually by the school to qualified persons. All correspondence concerning enrollment should be addressed to the Summer School of Alcohol Studies, Laboratory of Applied Physiology, Yale University, 52 Hillhouse Avenue, New Haven, Connecticut.

The **University of Connecticut** announces that an eight-week conservation tour of the U. S., covering 12,000 miles, will be conducted during the summer of 1951. The trip will be made by bus with traveling kitchen over a southern route to the West Coast, north to Washington, and back to Connecticut by a northern route, permitting firsthand study of examples of our national re-

sources. Enrollment will be limited to 20, and applications will be considered in order of receipt. The cost of the tour is estimated at \$400, which will cover transportation, food, tuition, and necessary incidentals. The exact date of the tour has not yet been determined, but enrollment must be completed by *March 1, 1951*. Further information may be obtained from Dr. Raymond Kienholz, Coordinator, University of Connecticut, Storrs.

The University of Michigan will hold three symposia, from June 26 to August 18, as part of its summer session. Visiting lecturers from other universities and from industrial and government laboratories will take part. The Department of Electrical Engineering will sponsor a **specialized electronics symposium**, with A. H. W. Beck, of Standard Telephones and Cables, Ltd., Ilminster, England, as one of the visiting lecturers. Information about this symposium may be obtained from Prof. W. G. Dow, Director of the 1950 Summer Electronics Symposium, Department of Electrical Engineering, University of Michigan, Ann Arbor. The Department of Physics will offer a **symposium on theoretical physics**, considering cosmic ray principles, high energy physics, theory of the solid state, and general field theories. Freeman Dyson, of the University of Birmingham, England, will lecture. Sydney Goldstein of the University of Manchester, England, will lecture at the **symposium on fluid mechanics**, sponsored by the Department of Engineering Mechanics. Information concerning these two symposia may be obtained from the Department of Physics, and from the Department of Engineering Mechanics, respectively.

Meetings and Elections

The first midwestern conference on fluid dynamics and a meeting of the **Fluid Dynamics Division of the American Physical Society** will be held at the University of Illinois, May 12 and 13. The university's new \$1,602,000 mechanical engineering building will be dedicated at the same time.

The **American Institute of Chemical Engineers** has scheduled two symposia on new engineering processes for the Boston regional meeting, to be held May 28-31 at Swampscott, Massachusetts. Dudley Thompson, of Virginia Polytechnic Institute, will conduct the symposium on ultrasonics, which will include papers on chemical, physical, and colloidal effects produced by ultrasonics, and industrial utilization of ultrasonic energy. The symposium on fluidization will be supervised by E. R. Gilliland of Massachusetts Institute of Technology, and will include papers on diffusion rates in porous solids, and results of flow of gas and solids in a commercial catalytic cracking unit. A general technical session will also be held. Advance registration and inquiries should be sent to J. J. Healy, Jr., Monsanto Chemical Company, Everett, Massachusetts.

The **Springfield chapter of the AAAS** will meet at Smith College on April 28. The meeting will be preceded by a formal dinner at 6:30. At 8:30, Francis O. Schmitt, of Massachusetts Institute of Technology, will speak on "Some Aspects of Molecular Biology." Dinner reservations of \$1.75 should be sent to Prof. N. M. Mohler, Lilly Physics Laboratory, Smith College, Northampton, Massachusetts.

More than 300 papers, covering all phases of medical and surgical progress, will be presented at the 99th annual meeting of the **American Medical Association**, to be held June 26-30 in San Francisco's Civic Center. General scientific meetings will be held on the first two days of the convention. Sectional groups will meet on the next three days. The section programs will deal with anesthesiology, dermatology, and syphilology, diseases of the chest, experimental medicine and therapeutics, gastroenterology and proctology, internal medicine laryngology, otology, rhinology, physical medicine and rehabilitation, military medicine and surgery, allergy, nervous and mental diseases, obstetrics and gynecology, ophthalmology, orthopedic surgery, pathology and physiology, pediatrics, preventive and industrial medicine,

public health, radiology, general and abdominal surgery, and urology.

More than 280 exhibitors will stage a technical display at the Civic Auditorium during the week. Surgical operations performed in one of the local hospitals will be transmitted in color to 20 receivers in Masonic Hall over a closed television circuit.

The installation of Elmer L. Henderson, of Louisville, Kentucky, to succeed Ernest E. Irons, of Chicago, will take place on the evening of June 27. The annual award for distinguished service to the medical profession will be made the same evening.

The London Conference on Optical Instruments will be held July 19-26 at the Imperial College of Science and Technology in South Kensington, in concurrence with the official sessions of the International Optical Commission, which begins July 17 at the Royal Society headquarters at Burlington House. There will be symposia on reflecting microscopes, phase-contrast microscopes, gratings and grating instruments, reflecting telescopes, and spectrophotometers. Joint discussions with the commission will deal with diffraction in optical instruments and new optical materials. U. S. scientists who will speak at the conference are Stanley S. Ballard, of Tufts College, Carl Bausch, president of Bausch and Lomb Optical Company, David S. Grey, of the Polaroid Corporation, and Rudolf Kingslake, of the Eastman Kodak Company.

The Northeastern District of the American Institute of Electrical Engineers will hold a meeting in Providence, Rhode Island, April 26-28. Advance registration should be made with H. C. Rankin, Chairman, Registration Committee, Narragansett Electric Company, 49 Westminster Street, Providence. A fee of \$2 is required for members and \$3 for nonmembers.

The Plastics Committee of the Massachusetts Institute of Technology will hold a **summer conference on the mechanical properties of plastics**, in research and engineering applications, June 20-22. Emphasis

will be placed on theories of viscoelastic behavior and on experimental work being done to determine the fundamental mechanical behavior of high polymers. Further information may be obtained from Prof. Albert G. H. Dietz, Room 5-209, MIT, Cambridge.

The South Carolina Academy of Science will hold its annual meeting at Winthrop College, Rock Hill, South Carolina, on April 22, with the **South Carolina Section of the American Chemical Society**. Over 30 papers and several exhibits and demonstrations have been scheduled. Papers will be presented by those competing for the Jefferson Award, offered by Phipps and Bird, of Richmond, Virginia, for original research.

Deaths

Sir Norman Haworth died in Birmingham, England, March 19, on the eve of his 67th birthday. He was professor of chemistry at Birmingham University from 1925 until his retirement last year. In 1937 he shared the Nobel Prize in chemistry with Paul Karrer for his work on vitamins and carbohydrates. Sir Norman was an authority on the chemical composition of sugar and his textbook *The Construction of Sugar*, published in 1929, is well known to organic chemists.

Oskar Baudisch, 68, director of research at New York State Institute for Balneology and Hydrotherapy since 1934, died March 28 by accidental drowning at La Jolla, California, where he had been working on a research project on trace elements in the sea for the Scripps Institution of Oceanography. Dr. Baudisch was well known for his development of the analytical reagent cupferron and other organic precipitants for study of natural water.

Merle Randall, professor emeritus of chemistry of the University of California, Berkeley, died March 17 at the age of 62. Dr. Randall joined the staff of the university in 1912, became professor of chemistry in 1927, and professor emeritus in 1944. He was engaged in research on heavy water before World War II.

Percy N. Annand, chief of the Bureau of Entomology and Plant Quarantine of the U. S. Department of Agriculture, died March 29, following a long illness. He was 51. Dr. Annand was an authority on insects and insect control, and many of the recent developments in this area, including use of DDT, aerosols, and dispersal of liquid insecticides from airplanes, were made under his direction.

Adolph Meyer, 83, professor emeritus of psychiatry at Johns Hopkins University Medical School, died March 17 at his home in Baltimore. Dr. Meyer, who was specially interested in the application of psychiatry to penology, was head of the Phipps Psychiatric Clinic at the university, from its founding in 1912 until he retired in 1941.

George F. Gebhardt, 76, former director of the Department of Mechanical Engineering at Illinois Institute of Technology, died March 22 at his home in Miami, Florida. He was a member of the faculty of Armour Institute of Technology (now Illinois Institute of Technology) from 1898 until his retirement in 1934.

The Freud Memorial Committee of the Institute of Psychoanalysis in London is planning publication of translations of Freud's complete works dealing with psychoanalysis, psychology, and related subjects. The material will be arranged in chronological order in 23 volumes, with a separate index volume. The committee offers subscribers a special rate of \$120 for the set, and each volume will be distributed as it is published, beginning in 1950. It is expected that the complete translated edition will be ready for distribution in 1956. Information may be obtained from the American Psychoanalytic Association, 245 East 82nd Street, New York City.

The World Health Organization has announced recent agreement with Czechoslovakia, Denmark, and Poland, for the establishment of medical training centers where courses will be given on an international

basis. A center for training in anesthesiology will be set up in Copenhagen, and a similar one in Prague, to provide facilities for study of new techniques, under WHO's fellowship program. Two training centers will be set up in Poland—one at Wroclaw, in biochemistry, and one in venereal disease control at Warsaw. WHO will cooperate with the national health administrations and medical faculties of the countries in establishing a curricula and providing equipment, in addition to aiding with fellowships.

The Senate-House conference committee to resolve the differences between the Senate and House versions of the **National Science Foundation bill** met on April 4 and 5, and then adjourned to reconvene on April 19, after the expiration of the Easter recess.

The conference committee accepted the \$15,000,000 ceiling of the House bill, but spent most of its two meetings on the loyalty provisions. They agreed to drop the Smith and Flood amendments and to write a substitute. It is anticipated that the requirement of loyalty investigations will be limited to employees, contractors, and scholarship and fellowship holders who have access to information affecting the national security. All scholarship and fellowship holders, however, will be required to sign an oath of allegiance and affidavit of loyalty. The exact wording of the loyalty provisions has not yet been settled and can of course be changed when the conference committee meets again on April 19.

English abstracts of Russian books and articles in astronomy and astrophysics are made available through the medium of the *Astronomical Newsletter*, which is issued at irregular intervals from the Harvard College Observatory. The *Newsletter* was started during the war by Bart J. Bok of the observatory, under the auspices of the American Astronomical Society. The wartime series of 36 *Newsletters* was devoted primarily to those articles which, because of wartime conditions, were not widely distributed. After the Russian publications

adopted the practice of printing only in the Russian language, the society requested Dr. Bok to renew the *Newsletter* and use it entirely to cover as much of the Russian literature as could be found in this country.

Margaret Olmsted of the Harvard Observatory has undertaken the responsibility for issuing the *Newsletters* of astronomical literature, prepared by the committee for distribution. Those who now participate in the work of abstracting include A. N. Vysotsky, S. Gaposchkin, Z. Kopal, L. Jacchia, and O. Struve, who also acts as the coordinator and editor of the group. To date, 12 issues have appeared, averaging approximately 10 pages per issue. The subscription price (\$3 for about 50 pages) should be sent to Miss Olmsted, Harvard College Observatory, Cambridge, Massachusetts.

A clinical section on general medicine and experimental therapeutics has been established as part of the research program of the National Heart Institute of the U. S. Public Health Service. Luther L. Terry, chief of the Medical Service, U. S. Marine Hospital in Baltimore, will head the new section, which will function as a clinic at the Marine Hospital until the opening of the new clinical center of the National Institutes of Health in Bethesda, Maryland, in 1952. The section will emphasize study of the problems of hypertension and methods for its treatment.

The Registry of Rare Chemicals, 35 West 33rd Street, Chicago, Illinois, lists the following wanted chemicals: cesium oxide, cadmium carbide, germanous fluoride, β -fluoropropionic acid, sodium cyclohexanesulfonate, 3-aminophenol, carbamyl bromide, 4-methyl-1,3-dioxane, glyceryl caproate 2-phenyl-*n*-propyl amine, 1-(2,4-dinitrophenyl) semicarbazide, di-*n*-butyl formal, α -cyclogeranic acid, β -cyclogeranic acid, 2-(*p*-pantoylamino) ethylsulfono-4-chloroanilide, 1,3-diphosphoglyceric acid, 5,6-dimethylbenzimidazole, 1-methyl-2-mercaptoimidazole, tryptinase, and uropepsin.

A certifying board, **The American Board of Nutrition**, to estab-

lish standards of qualifications for specialists in human nutrition, and to certify as such persons who comply with the standards, has been organized. Those concerned with the establishment of the board included representatives from the American Institute of Nutrition, American Medical Association, American Public Health Association, American Society of Biological Chemists, Inc., and Association of American Medical Colleges. Present members are Otto A. Bessey, C. A. Elvehjem, Wendell R. Griffith, C. G. King, L. A. Maynard, Frederick J. Stare, and John B. Youmans. Qualified candidates will be considered for certification without examination until *June 30, 1951*. Prescribed forms for applications, and further information may be obtained from the office of the Secretary-Treasurer, Otto A. Bessey, University of Illinois College of Medicine, 1853 W. Polk Street, Chicago 12.

Make Plans for—

Wisconsin Academy of Sciences, annual meeting, April 21-22, Beloit College, Beloit, Wisconsin.

South Carolina Academy of Sciences, annual meeting, April 24, Winthrop College, Rock Hill, South Carolina.

National Academy of Sciences, annual meeting, April 24-26, Washington, D. C.

American Association of Petroleum Geologists, Society of Economic Geophysicists, and Society of Economic Paleontologists and Mineralogists, annual meeting, April 24-27, Stevens Hotel, Chicago.

National Tuberculosis Association, 46th annual meeting, April 24-28, Hotel Statler, Washington, D. C.

National Association of Science Writers, annual meeting, April 25, Science Service, Washington, D. C.

American Physical Society, 299th meeting, April 27-29, Washington, D. C.

Ohio Academy of Sciences, annual meeting, April 27-29, Capital University, Columbus, Ohio.

Mississippi Academy of Sciences, annual meeting, April 28-29, Mississippi College, Clinton, Mississippi.