

NEWS and Notes

Loren C. Eiseley, head, Department of Sociology and Anthropology, Oberlin College, Oberlin, Ohio, has resigned to become professor of anthropology and chairman, Department of Anthropology, University of Pennsylvania.

Charles H. Brown, director of the Iowa State College Library for 24 years, has recently been honored by the Association of College and Reference Libraries. A special July edition of the Association's publication, *College and Research Libraries*, contains papers assembled as "a testimony to the energy and productiveness of one of America's outstanding librarians." Under his direction the Library grew from 90,000 volumes, scattered about the campus, to a 370,000-volume centralized institution. An article on scientific publishing in Europe, which reflects Dr. Brown's interest in library cooperation and rehabilitation both here and abroad, appeared in the July 18 issue of *Science*.

Salvatore P. Lucia, associate professor of medicine and chairman, Subdivision of Preventive Medicine, University of California Medical School, has been promoted to full professor of medicine.

Walter C. Russell, executive secretary, Graduate Faculty, and professor of agricultural biochemistry, Rutgers University, was awarded the honorary D.Sc. degree by Ohio Wesleyan at its recent commencement.

James F. Ferry, West Virginia University, has been appointed associate professor of botany, Louisiana Polytechnic Institute.

William F. Hughes, Jr., former associate at Indiana University, has been named professor and head, Department of Ophthalmology, University of Illinois College of Medicine, Chicago.

Alan Andrew, teaching assistant and former research staff member of the rocket project at California Institute of Technology, has been named assistant professor of physics at Pomona College,

Claremont, California, for the coming year.

Rupert Wildt, assistant professor of astrophysics, Yale University, and **Donald H. Menzel**, professor of astrophysics, Harvard University, have been invited to attend a conference on "The Relations Between Solar Phenomenon and Geophysics" at Lyon, France, September 1-7. This is one of a series of international scientific meetings being organized by the French National Center of Scientific Research with the aid of the Rockefeller Foundation.

Oscar Riddle, Carnegie Institution, retired, has been elected to honorary membership in the Physiological Society of India and in the Facultades de Medicina, Farmacia y Química, San Carlos University, Guatemala, and to fellowship in the Sociedad Mexicana de Historia Natural.

C. M. Louttit, who recently resigned as dean of faculty, Sampson College, has been appointed professor of psychology and dean, Undergraduate Division, University of Illinois, Galesburg.

Hans G. Schlumberger, Western Reserve Medical School, has been appointed to the staff, Department of Pathology, Ohio State University, where he will investigate cancer in animals, particularly fish and frogs, and study the transmissibility of the disease and cancer cell growth in these animals.

Howard J. Curtis, associate professor of physiology, College of Physicians and Surgeons, Columbia University, has been appointed head, Department of Physiology, Vanderbilt University School of Medicine, succeeding **Glenn A. Millikan**. During the war, Dr. Curtis served as director of biological research at Oak Ridge, Tennessee.

Leslie E. Card, professor of poultry husbandry, University of Illinois College of Agriculture, has been named head of the Department of Animal Science (formerly Animal Husbandry), succeeding **William E. Carroll**, who has been appointed associate director of the Agricultural Experiment Station.

Visitors to U. S.

Louis Van den Berghe, Institute of Tropical Medicine, Antwerp, Belgium, and a member of the staff, Institute for

Scientific Research in Central Africa, was a recent visitor at the University of Texas Medical Branch, Galveston, for a conference on chemotherapy of tropical diseases, at which he reported on the use of Bayer 205 in certain filarial infections. Dr. Van den Berghe has also visited the University of California Medical Center, San Francisco, and other American institutions interested in tropical medicine.

C. F. Robinow, British pioneer in the study of bacterial cytology, and at present in charge of a research project of the Wellcome Foundation at Strangeways Laboratories, Cambridge University, will be visiting professor at Indiana University for the second semester of 1947-48.

Aage Jepson, professor of bacteriology, Royal Veterinary College, Copenhagen, Denmark, is on special leave in this country for the purpose of becoming acquainted with faculties and curricula of veterinary colleges, officers of the American Veterinary Medical Association, and regulatory officers in charge of food production and storage and dairy hygiene. Dr. Jepson has already visited several dairy, creamery, food production, and freezer plants as well as packing houses in this country.

M. Désirant, of Liège University, Belgium, who has been working recently at the R. S. Mond Laboratory, Cambridge, England, will arrive in September for a visit to various cryogenic laboratories and for a prolonged stay at Massachusetts Institute of Technology and the National Bureau of Standards.

Grants and Awards

Grants amounting to \$181,044, recently authorized by the Sugar Research Foundation, Inc., bring the total allotted by the Foundation for grants-in-aid and special studies to \$534,160. The appropriations provide for the continuation of 26 established projects and the initiation of four new investigations: (1) nutritional value of sugar cane juice and studies of the physiology of sucrose and levulose, by **Tomas Duran-Quevedo**, University of Havana; (2) a study of clay adsorption methods for removing sugar from molasses and commercial applicability of this technique, by **L. K. Herndon**, Ohio State University; (3) research on special fuels and heating units using sugar, by **Frederic S. Bacon** Laboratories, Watertown, Massachusetts; and (4) a study of

production of lactic acid from molasses and its recovery in a pure state, by the Bjorksten Research Laboratories, Chicago.

George F. Cahill and **Meyer M. Melicow**, both of the Squier Urological Clinic, Presbyterian Hospital, Columbia University, were awarded a gold medal at the Centenary Convention of the American Medical Association, held recently in Atlantic City, for their exhibit on "Tumors of the Adrenal Gland." They also received first prize for the same exhibit at the American Urological Convention in Buffalo.

A grant of \$1,500 has been made by the U. S. Vitamin Corporation, New York City, to the Department of Dermatology, New York University College of Medicine, for research in diseases of the skin associated with vitamin deficiencies.

Industrial Laboratories

A. C. Krueger, formerly development engineer, Guided Missiles Project, Republic Aviation Corporation, and during the war with the Manhattan Project, University of Chicago, has been appointed supervising engineer, Antenna Design Section, Airborne Instruments Laboratory, Inc., Mineola, New York. His assumption of administrative direction of the Section, permits **R. S. Wehner**, co-supervisor, to take an active part in the research and development activities of the group. The Section is developing faired-in, dragless antennas for transonic and super-sonic aircraft.

W. Harry Feinstone, director, Biological Research, Pyridium Corporation, has been appointed director of research and development, Central Pharmacal Company, Seymour, Indiana.

Frederic H. Lahee, chief geologist for Sun Oil Company since 1920, has been appointed geological and research counselor of the Production Department. As such, he will be available for consultation on all matters of production science throughout the Company.

Centro Research Laboratories, Inc., is offering a Standard Test Service, which will be of special interest to activities and industries associated with paint, varnish, lacquer, resin, pigment, drug, chemical, oil, soap, lubricant, insecticide, fungicide, electrical insulation, textile treating, paper and pulp finishing. Costs are adjusted to the type of test and the

number of samples to be processed simultaneously. Further details may be obtained from the Technical Service Director, Centro Research Laboratories, Inc., Briarcliff Manor, New York.

Eli Lilly and Company Research Laboratories made several organizational changes on July 1. New department heads include **James W. Ferguson**, Organic Chemical Development Process; **Carter C. Boyd**, Chemical Manufacturing Process; **Robert D. Rock**, Chemical Manufacturing Equipment; **Gail L. Shaw**, Organic Chemical Development Equipment; and **Harold K. Leamon**, Organic Chemical Manufacturing.

Hendrik M. Rozendaal, physician, Schenectady, New York, has been appointed to the staff, General Electric Research Laboratory, Schenectady, to serve as liaison representative between the Laboratory and the various groups working in biological research in the field of atomic energy.

Josselyn Farmer, who recently obtained her Ph.D. in organic chemistry from the University of Cincinnati, has been appointed assistant librarian of The Wm. S. Merrell Company, Cincinnati, Ohio.

Ernest B. Bengner, research chemist and manager, Rayon Technical Division, Du Pont Company, retired on June 25 after 30 years of service.

Colleges and Universities

Northwestern University's University College and Department of Chemistry, College of Liberal Arts, are sponsoring a series of lectures on "The Chemistry and Physics of High Polymers," to be given every Tuesday evening from September 30 to December 9 in Lincoln Hall, East Chicago Avenue, Chicago. The lectures will constitute a noncredit course and are open only to those who have paid the usual course fee. Lecturers in order of date will be **H. Mark**, Brooklyn Polytechnic Institute; **E. F. Izard**, DuPont Company, Buffalo; **H. A. Bruson**, Resinous Products and Chemical Company, Philadelphia; **E. G. Rochow**, General Electric Company, Schenectady; **R. B. Woodward**, Harvard University; **W. O. Baker**, Bell Telephone Laboratories; **P. Debye**, Cornell University; **Malcolm Dole**, Northwestern University; **P. J. Flory**, Goodyear Research Labora-

tory, Akron; **A. V. Tobolsky**, Princeton University; and **F. R. Mayo**, U. S. Rubber Company, Passaic.

Michigan State College has announced the following appointments in the Department of Chemistry: **Robert M. Herbst**, E. Bilhuber-Kuoll Corporation, associate professor of organic chemistry; **Frederic S. Dutton**, Baldwin-Wallace College, associate professor in charge of general chemistry; and **Robert D. Schuetz**, Ohio State University, and **Kenneth G. Stone**, Sun Chemical Company, instructors.

The University of Cincinnati has planned an Institute of Industrial Health which will offer a two-year, highly specialized program of graduate study and training in the field of industrial medicine, leading to the new degree of Doctor of Industrial Medicine. **Robert A. Kehoe**, director, Kettering Laboratory of Applied Physiology at the University, will direct the new Institute. Requirements for admission will be unusually high, and those accepted will be limited in number.

Meetings

The Society of General Physiologists will hold its annual meeting September 8-9 at Woods Hole, Massachusetts. Programs dealing with transport of ions across cell membranes, cellular metabolism, and other topics in general physiology have been arranged. Accommodations are available at the Marine Biological Laboratory for those who attend the meeting. Reservations should be made directly with the Laboratory.

The Administrative Section on Medical and Allied Professional Sciences of the Association of Military Surgeons will meet at the Hotel Statler, Boston, on November 13-15, inclusive. All officers of the Medical Administrative Corps, Pharmacy Corps, and Sanitary Corps who plan to attend the meetings at Boston are asked to communicate with Major A. E. A. Hudson, SnC, president of the Section, Apt. 1-4, Edgewood Apartments, Goldsboro, North Carolina.

A High-Vacuum Symposium, sponsored by the National Research Corporation in cooperation with the Division of Industrial and Engineering Chemistry, American Chemical Society, will be held at the Hotel Commander, Cambridge,

Massachusetts, October 30-31. Attendance will be restricted to technical and scientific personnel concerned with industrial applications of high vacuum.

A Conference on Motor Skills Research, held at the Special Devices Center, Office of Naval Research, Sands Point, New York, June 26-27, was attended by 40 scientists representing some 20 organizations both within and outside the services. Leonard C. Mead, head, Human Engineering Section, Special Devices Center, was chairman of the General Session; Glen Finch, Aero-Medical Laboratory, Wright Field, of the session covering reports on Current and Planned Research on Motor Skills; and J. W. Macmillan, Medical Sciences Division, ONR, of the session on Psychomotor Research in Relation to Military Problems. An open discussion on topics relating to psychomotor research was also led by Leonard Mead.

The State Geologists of Illinois, Iowa, Kansas, Nebraska, and South Dakota, accompanied by staff members and scientific guests, held a field conference on the loess deposits of the upper Mississippi valley region and related problems, June 21-28, inclusive.

The Midwest Field Conference began at the classic Farm Creek section near Peoria, Illinois, continuing along the belt of thick Illinois valley loess east of Havana and Beardstown, Illinois, through western Illinois to southeastern Iowa on the Illinoian drift plain, thence to the loess deposits bordering the Iowan drift plain near Iowa City, westerly along the southern border of the Iowan drift to the Des Moines lobe (Mankato substage), thence to the Iowan drift area of northwestern Iowa and the adjacent Kansan drift, on to the Dakota lobe in southeastern South Dakota, and finally southward through eastern Nebraska to Lincoln, along a traverse that showed a large part of the interesting Pleistocene section of that state.

Those attending *from Illinois* were M. M. Leighton, chief, and H. B. Willman, head, Division of Areal Geology and Paleontology, Illinois Geological Survey, Urbana; *from Iowa*, A. C. Trowbridge, head, Department of Geology, University of Iowa, H. Garland Hershey, state geologist, and Stanley Harris, geologist, Iowa Geological Survey, all of Iowa City; *from Kansas*, R. C. Moore, state geologist and professor of geology, John C. Frye,

executive director, State Geological Survey, and professor of geology, and A. Byron Leonard, professor of zoology, all of the University of Kansas, Lawrence; *from Nebraska*, G. E. Condra, dean and chief, Conservation and Survey Division, and state geologist, Eugene C. Reed, associate state geologist, Eck F. Schramm, professor and head, Department of Geology, Alvin Lugin, professor of geology, Mylan Stout, professor of geology, C. Bertrand Schultz, director, State Museum, and Weldon D. Frankforter, assistant curator of Paleontology, State Museum, all of the University of Nebraska, Lincoln, and Gilbert Lueninghoener, professor of geology, Fremont College, Fremont; *from South Dakota*, E. P. Rothrock, state geologist and head, Department of Geology, and Bruno Petsch and Bruce Baldwin, of the University of South Dakota, Vermillion; *from Federal departments and other institutions*, Arthur D. Howard, U. S. Geological Survey, Washington, D. C., Richard F. Flint and Dwight Crandall, U. S. Geological Survey and Yale University, Guy D. Smith, U. S. Department of Agriculture, Ames, Iowa, and William T. Watkins, U. S. Department of Agriculture, Lincoln, Nebraska.

NRC News

With the ending of the war, the unique and highly successful relationship which existed between the Federal Medical Departments and the Medical Advisory Committees of the NRC was to cease, the mission of the committees having been fulfilled. It was clearly evident, however, that the maintenance of professional relationships between the Federal departments and the NRC was still needed in connection with many problems arising in the Armed Forces, the Veterans Administration, and other government agencies. As the date drew near for the dissolution of the wartime committees, impetus for the continuation of the advisory mechanism in the postwar period came from the Surgeon General of the Army. In March 1946, Major Gen. Norman T. Kirk proposed to the president of the National Academy of Sciences that steps be taken to provide continuing cooperation. As a result, a tripartite contract was executed between the Medical Departments of the Army, Navy, and Veterans Administration for financial support of the work. Thus, the collaboration that existed during the war years has been extended.

Since dissolution of the wartime committees in June 1946, new committees have been formed as follows: Committee on Atomic Casualties; Committee on Aviation Medicine; Committee on Chemotherapy; Committee on Hearing; Committee on Medicine, including Subcommittees on Cardiovascular Diseases, Infectious Diseases, Liver Diseases, Tropical Medicine, Tuberculosis, and Venereal Diseases; Committee on Neuropsychiatry; Committee on Pathology; Committee on Sanitary Engineering, including a Subcommittee on Military Water Treatment; Committee on Surgery, including Subcommittees on Anesthesia, Neurosurgery, Ophthalmology, Orthopedic Surgery, Thoracic Surgery, and Vascular Surgery.

Members of the newly-constituted committees were chosen on the basis of their medical and scientific leadership and, since many of the members served in the Medical Departments of the Army and Navy, they have an intimate understanding and appreciation of the problems on which the representatives of the Federal departments desire advice. The questions are carefully and broadly analyzed in open discussion, and if recommendations can be made promptly, these are formulated and forwarded to the department concerned. If there is need for further study and consultation, such problems are assigned to panels within the committee, the chairman of which reports back at the next meeting.

Since the formation of the committees, advice has been sought by the Federal services on a wide variety of problems. One of these—revision of Army and Navy physical standards—will be a major continuing interest of the Committees on Medicine, Surgery, and Neuropsychiatry. Each phase of the physical standards will be critically reviewed by competent specialists who will evaluate physical and mental requirements in relation to job placement. It is believed that this approach to the selection of personnel will enable the services to utilize individuals heretofore considered physically disqualified in assignments wherein effective service may be rendered and may help to prevent great losses of man power such as occurred during the last war. Although many phases of the standards can be revised on the basis of existing knowledge, some may require extensive research on the part of the committees.

The nature and scope of the problems placed before the Medical Advisory Com-

mittees by the Federal services are revealed by the following list: (1) evaluation of auditory requirements for admission to the U. S. Military Academy and of research projects in the broad field of audition; (2) evaluation of research on rheumatic fever; (3) evaluation of a study of intracutaneous influenza vaccination; (4) evaluation of penicillin prophylaxis of venereal diseases; (5) establishment of policies regarding the insurability of syphilitic patients; (6) establishment of policies regarding the use of contact lenses and the supply of anesthetic ophthalmic ointments; (7) evaluation of BCG as a prophylactic measure against tuberculosis; (8) evaluation of research projects on epilepsy and other neuropsychiatric disorders; (9) evaluation of vision tests; (10) evaluation of various projects in the field of sanitary engineering.

In addition to the meetings of the Medical Advisory Committees, conferences have been sponsored under their auspices on peripheral nerve injuries, penicillin prophylaxis of venereal diseases, streptomycin therapy of tuberculosis, and recent advances in aviation medicine.

An active interest has also been taken in the promotion of research within the Federal Medical Departments. In cooperation with the Committee on Veterans' Medical Problems, proposals have been made for clinical studies of conditions which arose during the war, including extensive studies in medicine, surgery, and neuropsychiatry. Among the studies currently under consideration are: a follow-up study of peripheral nerve injuries, investigation of the late results following repair of arterial aneurysms and arteriovenous fistulae, liver function in veterans following hepatitis and other conditions. The committees also serve in an advisory capacity in connection with research proposals originating in the Army, Navy, and Veterans Administration. They thus exercise an important influence upon federally-sponsored research in medicine and allied fields.

The Chemotherapy Center for Tropical Diseases is continuing its work, though on a reduced scale, since demands for drugs required for the cure and prevention of various tropical infections are no longer urgent. Under the direction of the Center, pharmacologic and toxicologic tests have been carried out on a variety of drugs that may be effective in the treatment of amebiasis, leishmaniasis, schistosomiasis, and other infections.

As the newly-constituted Medical Ad-

visory Committees near the end of their first year of activity, it may be said that their work may prove equally far-reaching, if less dramatic, than that of their wartime counterparts. Certainly, the knowledge and experience of the civilian physicians on the committees, as it is brought to bear on the medical problems of the Army, Navy, and Veterans Administration, will go a long way toward the maintenance of high professional standards in the Federal medical services. The work of the committees will also have an important bearing upon the Nation's medical preparedness.

An international journal, *Spectrochimica Acta*, the publication of which was begun in 1939 by Julius Springer, Berlin, and interrupted shortly afterward by the war, has been re-established as an international organ for spectroscopists and spectrochemists, and is being published in the Vatican under the editorship of Alois Gatterer, assisted by a group of co-workers from other countries, as follows: R. Breckpot (Belgium), H. Kaiser (Germany), E. Van Someren (England), and Lester W. Strock (United States). The first number (No. 1, Vol. 3) is now ready for press, and it is expected that 6-8 numbers a year will be issued. The official languages of the journal are English, French, and German; papers will also be accepted in both Italian and Spanish. Papers in English from this country should be submitted to Lester W. Strock, 21 Madison Avenue, Saratoga Springs, New York.

The U. S. Civil Service Commission has announced probational employment opportunities as Technical Editor, at salaries ranging from \$3,397 to \$5,905 per year; as Director, Technical Information, at \$7,102 per year; and as Writer (Military Manual), at \$4,140 per year. Vacancies are located at the Army Chemical Center, Maryland. Competitors for these positions will not be required to take a written test. Further information concerning these openings may be obtained at most post offices, and forms may be obtained from the Executive Secretary, Board of U. S. Civil Service Examiners, Army Chemical Center, Maryland, or from the Director, Fourth U. S. Civil Service Region, Nissen Building, Winston-Salem 3, North Carolina. Applications will not be accepted after September 8.

A long-range program of research on waterproofed papers is under way at the National Bureau of Standards under a fellowship of the Waterproof Paper Manufacturers Association. Robert C. Reichel, whose services are being provided by the Association, is acting as research associate. Laboratory facilities and technical assistance are furnished by the Bureau. Current work involves the development of a suitable accelerated aging test for predicting permanence of a wide variety of papers. Tests for measuring changes in their properties when exposed to deteriorating influences will be undertaken. Other projects will include means of reducing their flammability, relation of properties of waterproofing asphalts to performance of the papers, and odor and taste problems in food packaging.

The Rockefeller Institute for Medical Research plans to consolidate all phases of its program on its York Avenue site in New York City. The integration in New York of the Department of Animal and Plant Pathology with the Departments of the Laboratories and the Hospital has recently been approved. Most of the activities at the Institute at Princeton will be transferred to the New York plant with the belief that they will be greatly strengthened by making possible a day-to-day exchange of ideas between the members of the entire scientific staff. It is hoped that this integration may be accomplished by July 1, 1951.

Make Plans for—

American Astronomical Society, 77th meeting, September 3-6, Dearborn Observatory, Evanston, Illinois.

First International Biometric Conference, September 5-6, Marine Biological Laboratory, Woods Hole, Massachusetts.

Laurentian Hormone Conference of the AAAS, September 8-13, Ste. Adele Lodge, Ste. Adele, Quebec.

American Psychological Association, September 9-13, Detroit, Michigan.

American Association for the Advancement of Science, 114th Meeting, December 26-31, Chicago, Illinois.