

NEWS and Notes

D. B. Anderson, professor of plant physiology and assistant director of the Graduate School at North Carolina State College, has been made head of the Department of Botany, effective September 1.

Otto A. Reinking, professor and head of the Division of Plant Pathology, New York State Agricultural Experiment Station, Cornell University, has just returned from a research trip on diseases of abaca which took him to Tawau, British North Borneo, and Davao, Philippine Islands.

Douglas M. Kelley has resigned his position as associate professor of psychiatry and director of the Psychiatric Hospital at the Bowman Gray School of Medicine, Wake Forest College, to become professor of criminology at the University of California, Berkeley. Dr. Kelley will give courses in criminologic psychiatry and detection of deception.

Wilhelm Spannhake, senior scientist at the David Taylor Model Basin, Bureau of Ships, Washington, D. C., has joined the staffs of Armour Research Foundation and the Graduate School of Illinois Institute of Technology. Dr. Spannhake is the author of *Centrifugal pumps, turbines, and propellers; basic theory and characteristics*.

T. P. Ting, of the Department of Biology at Amherst College, has been appointed research associate professor of physiology at the University of Saskatchewan. Dr. Ting will conduct radiobiological research with the 25-Mev betatron recently developed at the University of Saskatoon.

Arthur J. Bedell, professor emeritus of ophthalmology, Albany Medical College, will deliver the fourth William Hamlin Wilder Memorial Lecture of the Institute of Medicine of Chicago at a joint meeting with the Chicago Ophthalmological Society on October 14. His subject will be "Medical Ophthalmology: A

Kodachrome Demonstration of Fundus Photographs of Diabetes, Hypertension, Nephritis, Optic Neuritis, and Choked Disc."

Walsh McDermott, associate professor of medicine, Cornell University Medical College, will deliver the third William Allen Pusey Memorial Lecture of the Institute of Medicine of Chicago at a joint meeting with the Chicago Society of Internal Medicine on October 28. His subject will be "Antimicrobial Therapy."

Hartmut Kallmann, former professor of physics at the Technische Hochschule in Berlin-Charlottenburg and head of the Department of Physics at the Kaiser Wilhelm Institute at Berlin-Dahlem, has been appointed professor of physics at New York University. Dr. Kallmann will continue his research on the scintillation counter, conductivity-counting, and fluorescence.

Charlotte Moore-Sitterly, of the National Bureau of Standards' spectroscopy laboratory, has been elected an associate of the Royal Astronomical Society of Great Britain. Dr. Sitterly was honored for her contributions in the fields of astronomy and astrophysics, particularly her extensive compilations of multiplet tables and her work in identifying lines in solar and sun spot spectra. She is the first woman to receive this distinction, although the late Annie J. Cannon, of the Harvard College Observatory, was an honorary member of the society.

Visitors to U. S.

Herman M. Kalckar, research professor of the University Institute of Cellular Physiology, Copenhagen, will deliver the first Harvey Lecture of the current series at the New York Academy of Medicine on October 27. Dr. Kalckar will speak on "Enzymatic Reactions in Purine Metabolism."

C. F. Tipper, of the Engineering Laboratory, Cambridge, England, is dividing ten weeks in this country between work on strength of metals at the Naval Research Laboratory, Washington, D. C., and visits to other scientific laboratories. During and

following the war, in addition to her teaching at Cambridge University, Dr. Tipper worked on deformation and fracture of practical engineering metals. She will lecture on "Correlation of Test Results" at the Metals Congress in Cleveland on October 19.

Grants and Awards

The **Max Planck** medal for scientific achievement was awarded on September 23 to Lise Meitner, of the Royal Swedish Academy of Sciences in Stockholm, and Otto Hahn, professor at Gottingen University. The medal, which is the highest award of the German Society of Physicists, was presented at Bonn University, Germany.

The **Franklin Medal**, highest honor given by the Franklin Institute of Pennsylvania, will be presented this year to Theodor H. E. Svedberg, director of the Gustaf Werner Institute for Nuclear Chemistry, Upsala, Sweden. The medal, which will be presented October 19 in a ceremony at the institute, is in recognition of Dr. Svedberg's development of the ultracentrifuge in determining molecular weights and other achievements in the field of colloid chemistry. Former winners of the medal include Thomas A. Edison, Guglielmo Marconi, Albert Einstein, and Sir Robert Robinson.

Fellowships

The **Life Insurance Medical Research Fund** will accept applications for 1950 grants-in-aid of cardiovascular research up to *January 1, 1950*. Approximately \$550,000 will be awarded in support of physiological, biochemical, and pathological research bearing on cardiovascular problems, as well as for clinical research in this field. Preference is given to fundamental research.

At least 12 postgraduate fellowships between \$3,000 and \$4,000 are also available for research training, with larger amounts available in special cases. An M.D. or Ph.D. degree, or the equivalent, is required and applications for 1950-51 will be accepted up to *January 1*. A number of predoctoral fellowships for basic training in research will also be awarded. Applications and fur-

ther information may be secured from the Scientific Director, Life Insurance Medical Research Fund, 2 East 103 Street, New York City 29.

Colleges and Universities

Wayne University will present its sixth annual lecture series, "Frontiers of Chemistry," cosponsored by the International Society of the Friends of the Kresge-Hooker Library, on consecutive Monday evenings, beginning October 10. Lecturers and their topics will be: *Charles Smyth*, Princeton University Physics Department, "Molecular Orientation and Dielectric Behavior in Liquids and Solids"; *W. Conrad Fernelius*, Department of Chemistry, Pennsylvania State College, "Some Current Problems in the Structure of Coordination Compounds"; *N. H. Furman*, Department of Chemistry, Princeton University, "Electrical Methods of Chemical Analysis"; *Paul D. Bartlett*, Department of Chemistry, Harvard University, topic to be announced; *Lee Irvin Smith*, School of Chemistry, University of Minnesota, "The Chemistry of Some Cyclopropanes"; *A. L. Lehninger*, Department of Surgery, University of Chicago, "The Enzymatic Oxidation of Fatty Acids"; *Maurice L. Huggins*, Research Laboratories, Eastman Kodak Company, "Properties of Long-Chain Compounds"; and *D. C. Grahame*, Department of Chemistry, Amherst College, "Progress and Problems in the Study of Electrical Double Layer."

The noncredit registration fee for the series is \$5.00 and checks, made payable to Wayne University, should be mailed to J. Russell Bright, chairman of Wayne's Chemistry Department. Qualified persons may arrange for graduate credit of one or two hours.

The University of Cincinnati has opened a new psychosomatic ward at Cincinnati General Hospital. Patients will be admitted with high blood pressure, stomach ulcers, asthma, diabetes, colitis, or other ailments not completely explained by physical causes. The new ward will aid in training and research in psychosomatic medicine. Maurice Levine, head of the university's Depart-

ment of Psychiatry, and M. A. Blankenhorn, head of the Department of Internal Medicine, will be directors of the new ward.

Meetings and Elections

The Conference of Professors of Preventive Medicine will hold its annual meeting October 24 at the Hotel Statler, New York City. Health officers, personnel from graduate public health fields, and other interested persons are invited to attend. Programs are available upon request from Leland W. Parr, George Washington University Medical School, Washington, D. C., or from David Rutstein, Harvard Medical School, Boston.

The International Congress of Military Medicine and Pharmacy will be held October 23-29 in Mexico City. Maj. Gen. Raymond W. Bliss, Army Surgeon General, and his deputy, Maj. Gen. George E. Armstrong, will participate in the program, and several scientific papers will be presented by Army, Navy and Air Force delegates.

The Indiana Academy of Science will hold its fall meeting November 3-5 at Wabash College, Crawfordsville, Indiana. Papers will be presented in the 11 divisions of the academy. C. L. Porter, of Purdue University, will give the presidential address.

A symposium on water problems of the process industries will be held by the New York Section of the American Institute of Chemical Engineers on November 17 at the Hotel Statler, New York City. Topics to be discussed include substitution of air or seawater for surface water cooling towers, water treatment to reduce sealing, applications of compression distillation, and a survey of the economics of supplying water to the plant.

The American Society of Ichthyologists and Herpetologists elected the following officers at its 29th annual meeting: John Treadwell Nichols and Helen T. Gaige, honorary presidents; M. Graham Netting, president; George S. Myers, F. H. Stoye, and Fred R. Cagle, vice presi-

dents; Edward C. Raney, secretary; Lionel A. Walford, publications secretary; and Dwight A. Webster, treasurer.

The 295th meeting of the American Physical Society will be held at the University of Chicago, November 25-26. Sessions of invited papers will be presented by the Divisions of Electron Physics and of Solid-State Physics. Hotel headquarters will be the Sherman Hotel and members should make their reservations by letter to Miss Ruth Brown, Sherman Hotel, Randolph at Clark Street, Chicago.

Deaths

Frederick MacAllister, 74, retired professor of botany at the University of Texas, died in Austin on January 7. At the time of his death, Dr. MacAllister was preparing a monograph on the mosses and liverworts included in his extensive collection.

Alonzo E. Taylor, 78, pathologist and internationally known agricultural economist, died May 20 at his home in Palo Alto after a short illness. Dr. Taylor joined the Stanford Food Research Institute as director in 1921 and resigned as director emeritus in 1936. Much of his time was devoted to research in the international relations of food supplies.

Robert Gordon Sinclair, 46, Craine professor of biochemistry at Queen's University, Kingston, Ontario, Canada, died August 17 as the result of a swimming accident in Lake Ontario. Dr. Sinclair had been at Queen's since 1937 and had previously held the rank of associate professor of biochemistry at the University of Rochester. He was well known for his basic studies on the metabolism of phospholipides.

John D. Long, 75, traveling representative of the Pan American Sanitary Commission, died in Guayaquil, Ecuador on September 18. Dr. Long was formerly director of health in the Philippines, chief quarantine officer of the Panama Canal Zone, vice director of the Pan American Sanitary Commission, and vice president of the Far Eastern Tropical Medicine Institute.

Cobb Pilcher, 44, brain surgeon, and associate professor of neurosurgery at Vanderbilt University Medical School, died September 22 of a heart attack. Dr. Pilcher had conducted extensive research in the treatment of Jacksonian epilepsy and brain infections, and in work with vascular lesions of the nervous system.

The Oak Ridge Institute of Nuclear Studies will present three additional basic courses in the techniques of using radioisotopes as tracers this winter. They will be held January 2-27, January 30-February 25, and March 6-31, 1950. Thirty-two participants will be accepted for each course. Application for the January 2 course should be mailed prior to *December 1*.

Each session is divided into laboratory work, lectures on laboratory experiments, general background lectures, and special topic seminars. Experiments will be conducted covering the use and calibration of instruments and the purification and separation of radioactive materials from inert materials and from other radioactive materials. Other laboratory work will be devoted to the application of various radioisotope techniques.

Seminar topics include the use of tracers in animal and human experimentation, design of radiochemical laboratories, dosimetry, instrumentation, the effects of radiation on living cells, and the principles and practices of radiation protection.

A registration fee of \$25.00 is charged for each participant. Hotel or dormitory facilities are available in Oak Ridge.

Application forms and additional information may be obtained from Dr. Ralph T. Overman, Chairman, Special Training Division, Oak Ridge Institute of Nuclear Studies, P.O. Box 117, Oak Ridge, Tennessee.

The National Research Council's **Committee on the American Type Culture Collection**, which was appointed to study the problems of adequate financial support of the ATCC, has recommended increasing the price of cultures to make the maintenance and distribution of

the collection cultures self-supporting.

The ATCC has been supported since its beginning by gifts as well as by sales. With continually rising costs the new policy was considered preferable to requesting gifts annually from industry. The price increase will be much less for educational institutions, in keeping with the ATCC's objective to provide an essential service to microbiology.

Beginning January, 1950, the price of cultures will be ten dollars each, with a discount of 70% to educational and charitable institutions, and to organizations or individuals whose activities primarily concern the public welfare.

The National Research Council committee is continuing its studies to insure permanence to the collection and to increase its usefulness.

The American Society of Zoologists, which meets December 28-30 with the AAAS in New York City, has extended its deadline for demonstration program papers to *October 25*. Papers should be sent to the secretary, Walter N. Hess, Hamilton College, Clinton, New York.

The South African Journal of Science, formerly a yearly volume of papers read at the annual congress of the South African Association for the Advancement of Science, has begun monthly publication. The new journal will no longer be confined to the publication of material presented at the annual meeting of the association, but will print short articles and comments on current affairs, letters to the editor, reports of meetings, and book reviews.

A provisional advisory committee on science abstracting for Unesco during the year following the publication of the report of the International Conference on Science Abstracting will be composed of: *S. Bhagavantam*, scientific liaison officer, India House, London; *Pierre Bourgeois*, director, Bibliotheque Nationale Suisse, Bern; *Verner W. Clapp*, chief assistant librarian, Library of Congress, Washington, D. C.; *J. E. Cummins*, chief scientific liaison officer for Australia, Africa House, London; *G. M. Findlay*, edi-

tor, *World Abstracts*, London; *H. R. Kruyt*, Technische Natuurwetenschappelijk Onderzoek, Netherland; *L. H. Lampitt*, chairman, Bureau of Abstracts, London; *Bertil Lindblad*, director, Stockholms Observatorium, Saltsjobaden, Sweden; *Miguel Ozorio de Almeida*, director of the Department of Physiology, Institut Oswaldo Cruz, Rio de Janeiro; and *Jean Wyart*, Faculté des Sciences, Paris.

Make Plans for—

Seminar for the Study and Practice of Dental Medicine, October 23-28, Desert Inn, Palm Springs, California.

American Society for Horticultural Science, October 26-28, Milwaukee, Wisconsin.

A conference on mechanisms and evaluation of antiseptic activity, sponsored by the Biology Section of the New York Academy of Sciences, October 28-29, New York Academy of Sciences, New York City.

Second Annual Nucleonics Symposium, sponsored by the Institute of Radio Engineers and the American Institute of Electrical Engineers, October 31-November 2, Hotel Commodore, New York City.

Status of AAAS Meeting Reservations

The early and heavy demand for single rooms already indicates a potential shortage of this type of accommodations at the **116th Meeting of the AAAS in New York City**, December 26-31. There are plenty of hotel rooms but many have double or twin beds. Miss Sylvia T. Peltonen, Manager, Housing Bureau, New York Convention and Visitors Bureau, 500 Park Avenue, New York 22, who is in charge of room assignments, urges that, when possible, room reservations be placed by parties of two or more. This also has the advantage of a lower cost per person. Room reservation coupons will appear in the advertising pages of *Science* at frequent intervals.