

4.30 P.M.—Automobile trip over boulevards.

8 P.M.—President's address, President Charles H. Herty. Business meeting.

*Thursday, September 2*

Excursion on Puget Sound.

8 P.M.—Subscription banquet (place to be arranged) price, \$3.

Following are the addresses of the divisional secretaries:

*Divisions:*

Agricultural and Food Chemistry: G. F. Mason, H. J. Heinz Company, Pittsburgh, Pa.

Biological Chemistry: I. K. Phelps, Bureau of Chemistry, Washington, D. C.

Fertilizer Chemistry: B. F. Carpenter, Virginia-Carolina Chemical Company, Richmond, Va.

Industrial Chemists and Chemical Engineers: S. H. Salisbury, Jr., Lehigh University, South Bethlehem, Pa.

Organic Chemistry: C. G. Derick, 619 Indiana Ave, Urbana, Ill.

Pharmaceutical Chemistry: F. B. Eldred, Chairman, Eli Lilly & Company, Indianapolis, Ind.

Physical and Inorganic Chemistry: R. C. Wells, U. S. Geological Survey, Washington, D. C.

*Section:*

Water Sewage and Sanitation: Harry P. Corson, State Water Survey, Urbana, Illinois.

Abstracts of papers should be prepared and brought to the meeting, or, even better, sent to the secretary in advance thereof. Members sometimes fail to realize how important this is to the success of the society and to the proper advertisement of the meeting itself. Unless abstracts of the papers are brought to the meeting and early placed in the hands of the secretary, there is no opportunity for proper publicity in the local press, which is of very great advantage to the society. Members will greatly aid the secretary's office by remembering this fact. Articles not exceeding 100 words in length will be printed in *SCIENCE*.

The final program will be sent to all members of the Puget Sound Section, to members of the council, and to all members who make special request therefor by postal card to this office. The expense of printing and mailing this program is so great that it will be sent only to those who especially desire it on account of

their intention of attending the meeting. Other members will find it printed in the society's journals.

CHARLES L. PARSONS,  
*Secretary*

Box 505, WASHINGTON, D. C.

*SCIENTIFIC NOTES AND NEWS*

THE Baumgärtner prize of the Vienna Academy of Sciences has been awarded to Dr. Heinrich Rubens, professor of experimental physics in the University of Berlin. Other prizes have been awarded to Dr. Gustav Herglotz, professor of mathematics at Leipzig, and to Dr. Wilhelm Trendelenburg, professor of physiology at Innsbruck.

PROFESSOR WILLETT G. MILLER, provincial geologist of Ontario, has been awarded the gold medal of the Institute of Mining and Metallurgy of Great Britain.

PROFESSOR R. A. MILLIKAN, of the Department of Physics, has been elected president of the University of Chicago Chapter of Phi Beta Kappa.

MR. H. W. MONCKTON, Dr. A. B. Rendle, Professor A. C. Seward and Dr. A. E. Shipley have been appointed vice-presidents of the Linnean Society for the ensuing year.

AT the last meeting of the general committee of the Imperial Cancer Research Fund Sir Thomas Barlow was nominated for election as an additional member of the executive committee, and Sir Rickman J. Godlee was elected a member of the general committee.

DR. WILHELM TRABERT has, on account of his health, retired from the chair of physics in the University of Vienna and from the directorship of the Bureau of Meteorology and Geodynamics.

DR. KARL REDLICH, professor of geology in the German Technical School at Prague, has been elected to be rector for the forthcoming year.

THE trustees of the Beit fellowships for scientific research, which were founded and endowed two years ago by Mr. Otto Beit in order to promote the advancement of science by means of research, have, as we learn from the

London *Times*, recently elected to fellowships the following: Mr. William Burgess Haines, B.Sc., of Leytonstone; Mr. Christopher K. Ingold, B.Sc., of Chiswick, and Mr. Henry N. Walsh, B.E., of Cork. Mr. Haines studied at University College, London, from 1907 to 1913; at the University of Göttingen, 1913-14; and has since been at the Imperial College. Mr. Ingold was an exhibitor of the University of London in 1912, and a royal scholar in 1913; from 1911 to 1913 he was at the Hartley University College, Southampton. Mr. Walsh received his education in Ireland. He was a scholar, medallist and prizeman at University College, Cork, and is now assistant to Professor Alexander. The three fellows will carry on their respective researches in the Imperial College of Science and Technology.

MR. CHARLES F. BROOKS, of the U. S. Department of Agriculture, has visited the Weather Bureau and Agricultural Experiment Stations throughout the southern, western and central states to study the geographical distribution of farm enterprises, the distribution of farm labor throughout the year and the climatic element involved.

NELSON C. BROWN, professor of forest utilization in the New York State College of Forestry, is spending the summer in a study of forest utilization and management in the national forests which are maintained by the government in the Rockies and Cascades. He will secure material for class and laboratory work and for the Forestry Museum of the college.

PROFESSOR G. N. STEWART, director of the H. K. Cushing Laboratory of Experimental Medicine, Western Reserve University, is spending the summer in England. Dr. David Marine, associate professor of experimental medicine, has also gone abroad. He will be associated with Dr. Alexis Carrel in the study of wound infections at Compiègne, France.

MR. HENRY G. BRYANT, of Philadelphia, has returned from a journey which led him through the Panama Canal, down the west coast of South America with visits to Cuzco and La Paz, across the Andes and home via Buenos Aires and Rio de Janeiro.

At the meeting of the Society for the Study of Inebriety held in the rooms of the Medical Society of London, on July 13, Major Leonard Darwin, president of the Eugenics Education Society, opened a discussion on alcoholism and eugenics.

THE annual meeting of the Society of Chemical Industry will be held at the Municipal School of Technology, London, on July 14-16, when Professor G. G. Henderson, will deliver the presidential address.

JOSEPH TARRIGAN MONELL, the St. Louis entomologist and mining engineer, has died at the age of fifty-eight years. The death has already been recorded in *SCIENCE*, but the name was incorrectly given.

COAL operators and miners in western Pennsylvania and West Virginia paid on July 15 tribute to the memory of Dr. Joseph A. Holmes, late chief of the United States Bureau of Mines, whose funeral was held in Washington on that day. Many mines suspended for an hour their work. The Pittsburgh experiment station of the bureau was closed.

MR. G. F. CHAMBERS, known for his numerous popular astronomical works, died on May 24, at the age of seventy-four years. Mr. Chambers was for a time one of the vice-presidents of the British Astronomical Society.

THE entomological collection of the Bureau of Science at Manila has been transferred to the University of the Philippines, and is now located in ample quarters at the College of Agriculture, Los Baños, Laguna, P. I., 65 kilometers from Manila by railroad. This collection, which contains most of the types of Philippine insects, described by European and American specialists during the past twelve or thirteen years, and containing, at present, more than 300,000 pinned specimens, together with alcoholic and biological material, will be materially increased in value by the collecting of faculty and students in the exceedingly rich faunal regions of Los Baños, Mt. Maquiling and Mt. Banahao. Mr. Charles S. Banks, as-

sociate professor of entomology and chief of the department, writes that entomologists visiting the Philippines will be cordially welcomed to the laboratories and every facility for their comfort will be placed at their disposal.

EXPLORATIONS being made in the Westhaver mounds six miles south of Circleville by Curator William C. Mills, of the Ohio Archeological and Historical Museum, the Ohio State University, have brought to light interesting relics of aboriginal burial mounds. This mound is 16 feet high and 100 feet in diameter, about 2,000 cubic feet of earth, and every inch must be carefully examined. A total of fifteen burials was found in the mound, four of them in graves below the surface or base of the mound, and the remainder in the mound proper. In many cases the skeletons were found to be lacking one or more bones, and in one case the skull alone was found. This was explained by Dr. Mills as indicating the custom of reburial, practised by the mound builders. At one point in the explorations a huge grave was opened, extending five feet below the base line. In the grave were found three skeletons, placed side by side—two adults and a child. The adults, probably a man and a woman, were almost six feet in height, while the third skeleton was that of a child perhaps seven years old. Dr. Mills and his party will spend most of the summer working in this mound.

#### UNIVERSITY AND EDUCATIONAL NEWS

PROFESSOR C. H. EIGENMANN has been reappointed research professor in zoology, Indiana University, for the year 1915-16. He will devote his time to the study of South American freshwater fishes.

At the University of Michigan, Dr. Alexander G. Ruthven has been promoted to the position of professor of zoology. He will retain the directorship of the Museum of Zoology.

THE following promotions and appointments have been made by the trustees and medical faculty of Western Reserve University: William Evans Brunner, A.M., M.D., clinical professor of ophthalmology, to be professor of

ophthalmology, with seat and vote in the faculty. H. H. McGregor, Ph.D., to be instructor in biochemistry; C. D. Christie, A.B., M.D., demonstrator of medicine and medical resident of Western Reserve University and Lakeside Hospital, to be director of the Clinical Research Laboratory at Lakeside Hospital, and Russell J. Collins, A.B., M.D., to be demonstrator of pharmacology.

IN the University of Nebraska School of Medicine, Dr. Max Morse becomes assistant professor of biological chemistry.

C. E. HOWELL, of the University of Missouri, and E. B. Kranz, of Iowa State College, have been appointed to the division of animal husbandry at the State College of Washington.

DR. JOHANNES THIELE, professor of chemistry at Strassburg, has declined a call to succeed Professor Wallach at Göttingen, and Dr. Friedrich Paschen, professor of physics at Tübingen, has likewise declined to succeed Professor Riecke in the same institution.

#### DISCUSSION AND CORRESPONDENCE

##### CANCER AND HEREDITY

IN Dr. Slye's recent communication<sup>1</sup> concerning the inheritance of cancer, reference is made by way of illustration to a type of color inheritance which, since it is quite contrary to the more generally accepted principles of Mendelian inheritance, requires critical comment.

On page 160 she states "Let me at this point recall some of the basic facts of heredity." She then proceeds, using the customary Mendelian terms "*dominant*" and "*recessive*," to describe a cross between *gray* and *albino mice*, and indicates results which are incompatible with those of other investigators. She furthermore furnishes no data in support of this more or less revolutionary hypothesis.

As Castle, Allen, Bateson, Durham, Cuénot, Plate, Davenport, and many others have carried on investigations on this particular problem in genetics and have reached results contrary to those obtained by Slye, it seems rea-

<sup>1</sup> Slye, Maud, "The Incidence and Inheritability of Spontaneous Cancer in Mice," *Jour. of Med. Research*, 1915, XXXII, 159.