

work in France. Arthur N. Tasker, M.D., lecturer in tropical medicine, a lieutenant colonel in the Medical Corps, is Sanitary Inspector of the Intermediate Section, France. J. Wheeler Smith, M.D., associate in bacteriology, now a lieutenant in the Medical Corps, is doing research work with Colonel Whitmore at the Army Medical School. Anton R. Rose, Ph.D., associate in pathological chemistry, is a captain in the Food Division of the Sanitary Corps. W. L. Aycock, M.D., instructor in bacteriology, a lieutenant in the Medical Corps, is in charge of the laboratory of the U. S. Army Hospital, No. 8 (Post-graduate), France. Arley Munson, M.D., who was appointed instructor in bacteriology in Dr. Smith's place, is now with the Red Cross and bacteriologist to the Blake Hospital, Paris. Colonel J. F. Siler, a member of the Robert M. Thompson Pellagra Commission of the Laboratory of Tropical Medicine, is in charge of the Laboratory Department of the Medical Corps, American Expeditionary Forces. The laboratories of the school are now under the charge of Victor C. Myers, Ph.D., professor of pathological chemistry. During the absence of members of the regular staff, Louise H. Meeker, M.D., is instructor in pathology, Adele E. Sheplar, M.D., instructor in bacteriology, and Anne G. Dellenbaugh, B.A., instructor in bacteriology.

Emma L. Wardell, M.S., has recently resigned as assistant in pathological chemistry to become assistant professor of household economics at the University of Illinois. John A. Killian, Ph.D., has been promoted to be associate in pathological chemistry. Owing to the emergencies of the war the board of directors is admitting women, who are graduates of recognized colleges, though not graduates in medicine, to courses in the laboratories. A number of such women have already been appointed to positions in the cantonment hospital laboratories. A new course in bacteriology begins on November 1.

#### SCIENTIFIC NOTES AND NEWS

COLONELS JAMES D. GLENMAN, William S. Thayer and John M. T. Finney have been promoted to be brigadier-generals in the Medical Corps.

To secure closer cooperation between American and British educational institutions, a mission headed by Dr. Arthur Everett Shipley, vice-chancellor of the University of Cambridge, has arrived in this country. In addition to Dr. Shipley, the zoologist, the mission includes two other men of science, Sir Henry Alexander Miers, formerly professor of mineralogy at Oxford, and Dr. John Joly, professor of geology and mineralogy in the University of Dublin.

COLONEL CHAMPE C. McCULLOCH, JR., M.C., U. S. A., executive officer of the Board for Collecting and Preparing Material for a Medical and Surgical History of American Participation in the European War, has arrived in France, to establish his administration for this purpose. During his absence Lieutenant Colonel Casey A. Wood, M.C., U. S. A., will be in charge of this work in the Surgeon-General's Office.

PROFESSOR FREDERIC S. LEE, of Columbia University, has been sent to England and France on a special mission by the United States Public Health Service.

J. S. JONES has resigned as director and chemist of the Idaho station and professor of agricultural chemistry in the University of Idaho, and has assumed charge of the operating laboratory of one of the government nitrate plants under the Ordnance Division of the War Department.

DR. LORANDE L. WOODRUFF, professor of biology in Yale University, is serving as consulting physiologist in the Chemical Warfare Service, N. A.

WILLIAM S. BACON has been promoted to be a major in the Chemical Warfare Service and is now in command of the Lakehurst Proving Ground, Lakehurst, N. J.

FRANK A. WAUGH, head of the division of horticulture and professor of landscape gardening at the Massachusetts Agricultural College, is on leave of absence to fulfil his appointment to a captaincy in the Army Sanitary Corps.

DR. H. K. BENSON, director of the Bureau of Industrial Research, University of Washing-

ton, has been commissioned captain in the nitrate division of the Army Ordnance Department.

DR. J. M. LEWIS, associate professor of botany at the University of Texas, has been commissioned a captain in the Sanitary Corps and has reported at New Haven, Conn.

H. C. YOUNG, of the botanical department, Michigan Agricultural College, has been given indefinite leave of absence, having been appointed second lieutenant in the Sanitary Corps with headquarters for the present at the Yale Army Medical School.

E. R. KING, assistant professor of entomology at Cornell University, has been commissioned a second lieutenant in the Aviation Corps.

ROSS A. BAKER, chief gas officer, Camp Pike, Ark., has been made officer in charge of gas training for Chief Gas Officers, Army Gas School, Humphreys, Va. Mr. Baker was formerly assistant professor in chemistry at the University of Minnesota.

OLAF P. JENKINS, assistant professor of economic geology of the State College of Washington, has been appointed geologist to the Arizona State Bureau of Mines, Tucson, Ariz. The first geological work to be done will be the preparation of a general geologic map of the entire state.

G. D. CAIN, chief chemist of the fertilizer control laboratory at the Louisiana Agricultural Station, has been appointed assistant director of the North Louisiana Station at Calhoun.

MR. ARTHUR LOWENSTEIN, for many years a fellow of the American Association for the Advancement of Science, formerly technical director of Morris and Co., and lately a consulting chemical engineer of Chicago, has recently been elected vice-president of Wilson and Co.

PROFESSOR JOHN WEINZIRL has returned to the University of Washington at Seattle, after spending a year's leave of absence in study at the Harvard Medical School, where he received the Dr.P.H. degree. He was also engaged in the food poisoning investigation directed by Dr. M. J. Rosenau, taking up the special prob-

lem of the microorganisms found in canned foods.

PROFESSOR H. C. H. CARPENTER, the president of the Institute of Metals, London, has been nominated to fill the office for a further year.

DR. H. S. HELE-SHAW and Signor Marconi have been elected honorary fellows of the Society of Engineers, London.

WE learn from *Nature* that Sir John Marshall, director-general of archeology in India, has, in consequence of illness, been granted leave of absence, during which his deputy will be Dr. Spooner, superintendent of archeology, Eastern Circle.

At the request of the rector of the National University of Mexico, Dr. N. Leon, professor of anthropology, has been appointed the representative of Mexico in the Congress de Americanistas. which is to convene at Rio de Janeiro in June, 1919.

*Nature* states that the council of the South African Association for the Advancement of Science has resolved to institute a Sir David Gill memorial fund, to accumulate for a number of years until an amount has been raised adequate for some purpose to be decided upon. Mr. R. T. A. Innes, Union Observatory, Johannesburg, is the secretary and treasurer of the fund.

THE Training Camp for the Chemical Warfare Service, now under construction at Lakehurst, N. J., has been designated "Camp Kendrick," in honor of the late Colonel Henry L. Kendrick, who, after service as a commissioned officer, served as professor of chemistry, mineralogy and geology at the U. S. Military Academy from 1857 until his retirement from active service in 1880.

PROFESSOR DAVID ERNEST LANTZ, assistant biologist in the Biological Survey, United States Department of Agriculture, died of pneumonia on October 7, at his home in Washington, D. C. He was engaged chiefly in investigations of the economic relations of mammals and was the author of many reports and special papers on this subject.

LIEUTENANT HERBERT DOUGLAS TAYLOR, for three years an associate of the scientific staff of the Rockefeller Institute for Medical Research died on October 5, of pneumonia in his thirtieth year. Since America entered the war Lieutenant Taylor had devoted his time to the instruction of the United States Army surgeons for overseas service.

WALTER W. MARSHALL, formerly instructor in zoology in the University of Minnesota, died at Camp Sherman, Ohio, on October 4, while attached to the Base Hospital.

HAMDEN HILL, research chemist of the Texas Oil Co., Bayonne, N. J., plant, died at St. Luke's hospital, New York City, on September 23, 1918, as the result of burns due to an explosion of gasoline vapors in the laboratory.

THE death is announced of Dr. A. Mendoza, the pioneer of microphotography in Spain, chief of the laboratory of the Beneficencia provincial and of the scientific institute in charge of Professor Cajal.

HENRY SUTER, author of "A Manual of the New Zealand Mollusca," died in Christchurch, New Zealand, on August 1. A correspondent in New Zealand writes that he was born in Zurich Switzerland, in 1841, and went to New Zealand in 1886 to engage in farming, but soon relinquished the idea and devoted most of his time to studying the indigenous mollusca of the antipodean country. He contributed papers to the *Transactions of the New Zealand Institute*, the *Journal of the Malacological Society*, London, and other periodical publications. In 1913 he produced his "Manual," which was published for him by the New Zealand government. It contains the diagnoses of 1,079 species, 108 subspecies and 100 varieties of New Zealand molluscs. Two years later, the government published his atlas to the "Manual." This has 72 plates, containing many figures of molluscs from Mr. Suter's own drawings. In later years he gave special attention to Tertiary molluscs of New Zealand, and in 1916 the Geological Survey Department published as a bulletin a work by him on "The Tertiary Mollusca of New Zealand." His

death leaves New Zealand without a recognized conchologist.

THE first regular meeting of the New York Section of the American Chemical Society was held on October 11. Previous to the regular meeting a portrait of the late Charles M. Hall, presented to the Chemists' Club, was unveiled, and Mr. Arthur V. Davis, president of the Aluminum Company of America delivered an address. The regular meeting was devoted to the subject of the Bureau of Foreign and Domestic Commerce, Washington, D. C., and its relations to the business side of the American chemical industry, particularly to help us in gaining complete national chemical independence. C. D. Snow, assistant chief, Bureau of Foreign and Domestic Commerce; subject: "The ways in which the bureau aids American chemical business," with special consideration to German chemical business methods. C. P. Hopkins, editorial department, Bureau of Foreign and Domestic Commerce, subject: "Our publications and how they help chemical business," special consideration to foreign business. Dr. E. R. Pickrell, special agent, Bureau of Foreign and Domestic Commerce, subject: "How statistical information is obtained from import invoices." Special consideration to the forthcoming chemicals census.

WOMEN chemists are needed by the government and also to stabilize the industries by replacing men chemists who have been called into service, according to Major F. E. Breithut, of the Chemical Warfare Service, U. S. A. This call is so urgent that he has asked the Women's Committee of the Council of National Defense to cooperate with the Army Medical Department in making a census of all the available women chemists in the country.

WE learn from the *Experiment Station Record* that in connection with Idaho University a substation for the study of problems incident to high altitudes was authorized at the last session of the legislature. Action has been taken by the board of regents looking toward its establishment on state land at Felt, in Teton County, at an elevation of approximately 6,300 feet.