

ginia, who will discuss human types in relation to medicine. And lastly, Professor Edgar Allen, of the University of Missouri, will review the influence of sex hormones and their relation to medical problems.

A. J. GOLDFORB,
Secretary of Section N

AWARD OF THE WILLARD GIBBS MEDAL TO PROFESSOR ABEL

PROFESSOR J. J. ABEL, of the Medical School of the Johns Hopkins University, is to receive the Willard Gibbs Gold Medal for the current year. This medal is awarded each year by the Chicago section of the American Chemical Society to some eminent chemist whose work in either pure or applied chemistry has received world-wide recognition. The medal was founded by William A. Converse, secretary of the Dearborn Chemical Company, and has been named the Willard Gibbs Medal after one of America's most distinguished physicists and chemists, Josiah Willard Gibbs.

The choice of a recipient for the Willard Gibbs Medal is made by a jury of twelve chemists from the country at large. The jurors for this year include Professor Roger Adams, director of the chemical laboratory of the University of Illinois; Professor Edward Bartow, head of the department of chemistry at the State University of Iowa; Professor W. D. Harkins, of the University of Chicago; Dr. W. Lee Lewis, formerly head of the department of chemistry at Northwestern University and at present in charge of chemical research for the American Institute of Meat Packers; Professor J. F. Norris, president of the American Chemical Society and professor at the Massachusetts Institute of Technology; Professor Julius Stieglitz, head of the department of chemistry of the University of Chicago; Dr. E. W. Washburn, formerly of the University of Illinois and now chief chemist of the Bureau of Standards, and Professor F. C. Whitmore, head of the department of chemistry at Northwestern University.

Professor Abel was born in Cleveland in 1857 and studied at the University of Michigan and in Europe. He received the degree of doctor of medicine from the University of Strasbourg in 1888. He has been the recipient of numerous honorary degrees, including one from Cambridge University in England. At present he is professor of pharmacology at Johns Hopkins University and is editor of the journal *Pharmacology and Experimental Therapeutics*.

Professor Abel's research has been largely in the field of glandular extracts. He was first to isolate the drug epinephrin from the suprarenal glands. This was the first substance secreted by the glands

of the body to be isolated as a pure crystalline product. Professor Abel has obtained a concentrated substance from the pituitary glands of such potency that one part in a billion is physiologically effective, and he announced the preparation of crystalline insulin. Professor Abel follows a long list of eminent chemists as a recipient of this medal which will be awarded by the Chicago Section of the American Chemical Society at its May meeting.

SCIENTIFIC NOTES AND NEWS

ON the occasion of the fiftieth anniversary celebration at the Johns Hopkins University, a portrait of Dr. Ira E. Remsen, the first professor of chemistry of the university and its second president, was presented to the university. William M. Burton, president of the Standard Oil Company of Indiana, delivered greetings to Dr. Remsen. The portrait is by Dr. Remsen's son, Ira E. Remsen, Jr.

HONORARY degrees of doctor of science were conferred by the University of Rochester on Dr. Friedrich von Müller, professor of internal medicine in the University of Munich, and Dr. Andrew Balfour, director of the London School of Hygiene and Tropical Medicine, on the occasion of the exercises dedicating the new medical school on October 25.

PRESENTATION of the Grasselli medal to Dr. Charles Raymond Downs took place on November 5 on the occasion of a joint meeting of the American Section of Society of Chemical Industry, the New York Section of the American Chemical Society, Société de Chimie Industrielle and the American Electrochemical Society. At an informal dinner in the evening at the Chemists' Club, New York, Dr. Treat B. Johnson, of Yale University, spoke on "The Medalist and Award." Dr. Downs gave an address entitled "Some Speculations in Catalytic Oxidation Reactions" and Professor Gerald Wendt, of the Pennsylvania State College, spoke on "Phenomena related to Catalysis."

C. S. JARVIS, associate highway engineer of the U. S. Bureau of Public Roads, has been awarded the J. James R. Cross gold medal by the American Society of Civil Engineers for his paper on "Floodflow Characteristics."

THE Kelvin Medal of the British Institution of Civil Engineers for 1926 has been awarded to the Honorable Sir Charles A. Parsons.

IN honor of the forty-seventh anniversary of the invention of the incandescent electric lamp by Thomas A. Edison, a special radio program was broadcasted from Schenectady for reception and rebroadcasting in Great Britain and South Africa.

THE council of the British Institute of Transport has conferred its Aviation gold medal upon Sir Alan J. Cobham in recognition of his noteworthy services to the development of empire air communications. The presentation took place at the meeting of the institute held at the Institution of Electrical Engineers on October 19.

GREENLEAF WHITTIER PICKARD has received the medal of honor of the Institute of Radio Engineers, of which he is past-fellow and president, in recognition of his contributions to the advancement of radio science.

AT a luncheon tendered to Dr. M. Kamo, head of the department of mechanical engineering at the University of Tokyo, at the Engineers Club, New York, on October 20, plans for holding an international engineering conference in Japan were discussed. A formal invitation to participate in such a conference in the fall of 1929 has been received by the five engineering societies.

THE board of trustees of the Battle Creek Sanitarium, Battle Creek, Mich., gave a banquet on October 13, in commemoration of Dr. John Harvey Kellogg's fiftieth anniversary as superintendent of the sanitarium.

THE University of Porto Rico has conferred an honorary degree upon Dr. Alexander Petrunkevitch, professor of zoology at Yale University, who was visiting professor of biology at that university last year.

PROFESSOR E. SCHMIEGELOW, of Copenhagen, celebrated his seventieth birthday on October 13, when he retired from active service as chief of the otolaryngological clinic at the hospital of the University of Copenhagen. His friends in many countries marked the occasion by presenting to the clinic a medallion portrait in bronze.

AT the fifty-fifth annual meeting of the American Public Health Association, Buffalo, on October 14, Dr. Charles V. Chapin, superintendent of health, Providence, R. I., was elected *president*; Drs. Herman N. Bundesen, Chicago; Alexander J. Douglas, Winnipeg, and Francis E. Fronczak, Buffalo, *vice-presidents*, and Dr. Louis I. Dublin, of the Metropolitan Life Insurance Company, New York, *treasurer*.

DR. GEORGE DAVID STEWART, professor of surgery at the Bellevue Hospital Medical College, New York, has been named president-elect of the American College of Surgeons for the ensuing year. The president for the present year is Dr. W. W. Chipman, of Montreal.

AT the thirty-fourth annual meeting of the Associa-

tion of Military Surgeons of the United States, held at Philadelphia on October 17, Surgeon-General Merritte W. Ireland was elected *president*; Colonel Frederick H. Vinup, Maryland National Guard; Claude H. Lavinder, U. S. Public Health Service; Brigadier-General William H. Wilmer and Captain James C. Pryor, U. S. Navy, *vice-presidents*, and Colonel Jefferson R. Kean, U. S. Army, retired, *secretary-treasurer*.

AT the thirty-seventh annual meeting of the Association of American Medical Colleges, which met in Cleveland from October 25 to 26, Dr. Charles F. Martin, Montreal, was elected *president*; Dr. Guy L. Noyes, Columbia, Mo., *vice-president*, and Dr. Fred C. Zapffe, Chicago, *secretary-treasurer*. The next annual meeting will be held in Montreal on October 24 and 25, 1927.

DR. T. SATO has been made director of the bureau of epidemiologic information recently founded at Singapore by the health section of the League of Nations.

DR. CLAUS SCHILLING, professor at the Robert Koch Institute for Infectious Diseases, Berlin, has been appointed a member of the Malaria Commission of the League of Nations.

A. E. CRAVER, research chemist of the Grasselli Chemical Company at Cleveland, resigned recently to accept a position with Weiss and Downs, of New York City.

DR. A. L. WHITING has resigned his position as associate professor in agricultural bacteriology at the University of Wisconsin and is going into commercial work at Urbana, Illinois.

DR. JAMES A. TOBEY, who has recently completed a study of the public health work of the federal government for the Institute for Government Research, Washington, D. C., has been appointed scientific consultant to the Borden Sales Company of New York.

ON the recommendation of the medical graduate committee, the board of governors of the Mayo Clinic has awarded the J. William White Scholarship for the study of surgery in foreign countries to Dr. Estes H. Hargis for conspicuously meritorious work during his fellowship in the Mayo Foundation. This scholarship was made possible by a gift from the late J. William White, professor of surgery at the University of Pennsylvania, and is open to physicians who have received the degree of master of science from the University of Minnesota for work done at the Mayo Foundation. Dr. Hargis is the first recipient of the award.

DR. ALFRED E. BURTON, of Carmel, Calif., first dean of the Massachusetts Institute of Technology, has been appointed manager of plans for a quadrangle of dormitories to be built by the alumni of the institute.

DR. R. J. A. BERRY, professor of anatomy in the University of Melbourne, Australia, has accepted the invitation of the Rockefeller Foundation to visit the United States and discuss the proposed establishment of a medical research institute in connection with the erection of the new Melbourne Hospital.

DR. PETER W. HOLST, director of the department of epidemiology, State Serum Institute, Oslo, Norway, and Dr. Marius Kaiser, director of infectious disease control, Central Health Service of Austria, were recently the guests at a luncheon of the Louisiana State Board of Health.

DR. HANS C. JACOBÆUS, professor of clinical medicine at the University of Stockholm, visited the Mayo Foundation during the week of October 10, before going to Cleveland to attend the meeting of the Interstate Postgraduate Assembly.

J. P. HARRINGTON, ethnologist of the U. S. Bureau of Ethnology, has returned from his field work among the Mission Indians of California. He also assisted the chief of the bureau in the excavation of Elden Pueblo ruin near Flagstaff, Arizona.

PROFESSOR E. D. MERRILL, of the University of California, has been granted \$100 from the Dr. Charles Budd Robinson fund of the New York Botanical Garden, to aid in botanical field work in Indo-China, carried on by Dr. Petelot, with the especial object of obtaining specimens of little-known species described by the botanist Louriero in 1790.

DR. MARIA PETRONELLA LOHNIS, of Delft, Holland, has come to America on a Holland American Foundation fellowship and expects to spend the present semester in work on root nodule bacteria at the laboratories of agricultural bacteriology of the University of Wisconsin.

PROFESSOR H. H. WING, head of the department of animal husbandry of the College of Agriculture, at Cornell University, has sailed from New York *en route* to Santiago, Chile, where he will attend the Chilean National Exposition.

DR. HARLEY H. BARTLETT, head of the department of botany and director of the Botanical Gardens of the University of Michigan, will spend the coming year in botanical exploration in eastern Asia. He will visit Japan, and afterwards carry on field work in Sumatra and in Formosa.

DR. GEORGE GRANT MACCURDY, of Yale University, director of the American School of Prehistoric Research, attended the organizing meeting of the International Bureau of African Languages and Cultures in London on June 28 and 29, as a delegate from the National Research Council, division of anthropology and psychology.

DR. CHARLES A. SHULL, professor of plant physiology at the University of Chicago, is spending the fall quarter in research at the University of Minnesota. He is working on electrical potentials of membranes in relation to absorption of substances through seed coats, conducting his study in the laboratory of plant physiology.

DR. W. W. COBLENTZ, chief of the radiometric section of the U. S. Bureau of Standards, has left for Flagstaff, Ariz., to join with Dr. Lampland, of the Lowell Observatory, in observations intended to determine the temperature of the planet Mars.

THE Scripps Metabolic Clinic, California, has arranged to give its third annual complimentary dinner at La Jolla to the San Diego County Medical Society. The lecture this year will be given by Dr. Elliott P. Joslin, of Boston.

DR. CHARLES B. DAVENPORT, of the Carnegie Institution of Washington, addressed the New York Physicians' Association on October 27 on "The Growth of the Child."

DR. ALEŠ HRDLÍČKA, of the U. S. National Museum, gave on October 26 the last of a series of lectures on "The Origin and Evolution of Man" at St. John's College, Annapolis.

THE Minnesota section of the American Society of Plant Physiologists held its first meeting of the year on October 14. Following the business meeting, Dr. Charles A. Shull, of the University of Chicago, addressed the seminar on "Researches on Membrane Potentials in Relation to the Absorption of Substances through Plant Membranes." About fifty persons were present.

PROFESSOR JOHN W. HARSHBERGER, professor of botany in the University of Pennsylvania, will read a paper on "Alaska and its Vegetation" at a meeting of the American Philosophical Society to be held in Philadelphia on November 5.

DR. EDWIN B. HOLT, visiting professor of psychology at Princeton University, will give this winter ten lectures on "The Psychology of Response" at the New School for Social Research, New York City.

PROFESSOR F. NEUFELD, director of the Robert Koch Institute for Infectious Diseases, Berlin, gave the

Cutter lecture in preventive medicine at the Harvard Medical School on November 3, taking as his subject "Immunity in its Significance to Epidemiology." On October 15 he lectured before the scientific staff of the Rockefeller Institute for Medical Research, New York, on "The Chemotherapy of Bacterial Disease."

SENATORE G. MARCONI gave the James Forrest lecture before the British Institution of Civil Engineers on October 26 on the subject of "Radio Communication."

PROFESSOR R. A. WHIDDINGTON, professor of experimental physics at the University of Leeds, lectured at the Bureau of Standards, on October 15, on his work on the nature of luminous discharge in vacuum tubes.

DR. ROBERTO ALESSANDRI, professor of surgery at the University of Rome, gave a lecture at the Mayo Foundation on the evening of October 15.

PROFESSOR DR. C. RASCH, of the University of Copenhagen, gave an address on the effect of light on the skin and skin diseases, at the meeting of the Dermatological Section of the Royal Society of Medicine, on October 21.

THE Bradshaw lecture was delivered before the Royal College of Physicians of London on November 4, by Dr. F. G. Crookshank, his subject being "The Theory of Diagnosis." The FitzPatrick lectures, on "Medicine in Ancient Assyria," will be given by Dr. Arthur Shadwell on November 9 and 11. The subject of Dean Inge's David Lloyd Roberts lecture, to be given on November 19, is "Racial Degeneration."

To perpetuate the labors of the late Professor Edward S. Morse, formerly professor of zoology in the University of Tokio and director of the Peabody Museum, a committee has been formed to raise a fund bearing his name and establish it at the Museum of Fine Arts at Boston, where he spent thirty-three years. It is intended that the income from the fund shall be used to augment the collection of pottery, the department of which Professor Morse was a member.

PROFESSOR WILLIAM J. HUSSEY, director of the observatory at the University of Michigan, died in London on October 28, aged sixty-four years. Professor Hussey was *en route* to Bloemfontein, South Africa, to establish a university observatory station there.

DR. EMANUEL CHARLES FLEISCHNER, formerly professor of pediatrics at Stanford University, died on October 11.

DR. HAZEN GREELEY TYLER, professor of experimental engineering at New York University, died on October 27, at the age of thirty-six years.

THE death is announced of Dr. Emil Kraepelin, professor of psychiatry in the University of Munich.

DR. B. F. HOFMANN, professor of physiology at the University of Berlin, has died, aged fifty-five years.

THE *Journal of Terrestrial Magnetism* records the death of Professor Ernst Biese, for many years director of the Meteorological Observatory of Helsingfors, Finland, and of Colonel Francis S. Chaves, the director of the Meteorological Service of the Azores.

WE learn from the *British Medical Journal* that a committee has been formed in Edinburgh to celebrate the centenary of Lister's birth, and in view of the annual meeting of the British Medical Association in Edinburgh it has been decided to make the celebration coincide with it. Arrangements are being made to offer a prize of £25 and a gold medal for the best essay submitted on the subject, "The Influence of Lister on the Evolution of Surgery." This prize will be open to medical students of any medical school in the British Empire and graduates of not more than one year's standing. A book dedicated to Lister's life and writings is being prepared, and will probably contain about two hundred pages of small quarto size. A public meeting will also be held, at which addresses will be given by Sir William Watson Cheyne, Professor Tuffier (Paris), Dr. Harvey Cushing (Boston), Professor Caird (Edinburgh), and Mr. Hamilton Russell (Melbourne). A museum containing some of the more interesting relics of Lord Lister's life and work is being got together.

ACCORDING to an Associated Press dispatch, the 1926 Nobel prize in medicine will not be distributed this year. No work brought to the attention of the Swedish Academy of Medicine, which makes the awards, was of such outstanding merit as to qualify under the terms of the will left by Alfred Nobel, founder of the prizes. Last year's prize, which was also withheld for similar reasons, will now be added to the original fund, but the 1926 prize will be held for presentation next year. A previous dispatch, copied in the last issue of *SCIENCE*, announced the awarding of the prize to Dr. Johannes Fibiger, of Copenhagen.

THE autumn meeting of the National Academy of Sciences, which takes place in Philadelphia on Monday and Tuesday, November 8 and 9, will hold its business and scientific sessions in the lecture room of the zoological laboratory of the University of Pennsylvania. According to the preliminary program the headquarters of the meeting will be at the Bellevue-Stratford Hotel, where a subscription dinner will be served for members at 7:30 on Tuesday evening.

On Monday at 8:30 a reception will take place at the university museum for members and their friends.

THE annual meeting of the American Society of Mechanical Engineers will be held in New York during the first four days of the week beginning December 6. Monday will be taken up with the usual council meeting, committee meetings and conference of local sections' delegates, the program opening on Monday evening for the informal get-together. Tuesday morning the technical sessions start, and continue through Thursday afternoon. On Tuesday evening, William L. Abbott will deliver his presidential address, and the new president, Charles M. Schwab, will be inducted into office. The program includes the ceremony of the award of the John Fritz Medal to Dr. Elmer A. Sperry. The dinner will be held on Wednesday evening, December 8, at the Hotel Astor, at which there will be a number of short speeches, followed by other entertainment. As in the past few years, the annual meeting will be paralleled by the National Exposition of Power and Mechanical Engineering to be held in the Grand Central Palace, New York. Over five hundred exhibits of all types of power and mechanical apparatus will fill four floors of the Palace during the entire week.

A SPECIAL evening session planned to appeal to the general public is to be held during the International Conference on Bituminous Coal, which takes place at the Carnegie Institute of Technology from November 15 to 18. John Hays Hammond, inventor and engineer, will preside at this session on November 15 and the principal addresses will be given by Walter Barnum, president of the National Coal Association, and Edwin E. Slosson, director of Science Service. Mr. Hammond and Mr. Barnum are members of the advisory board assisting President Thomas S. Baker in planning the Carnegie Conference.

THERE has been recently formed a China branch of the American Society of Parasitologists. The members of the branch society are active members of the parent society but have their own chairman, secretary and organization. The China branch which now has a membership of about forty plans to have meetings at frequent intervals. Its object is the encouragement of teaching and research in parasitology in China. Dr. E. C. Faust, professor of parasitology in the Peking Union Medical College, was elected the first chairman. This position makes him also a vice-president in the American Society of Parasitologists. The secretary-treasurer of the China branch is Dr. Chenfu T. Wu, of Yenching University.

A MEETING of the International Society for the Exploration of the Arctic Region by means of the airship will be held at Berlin, from November 10 to 12,

under the chairmanship of Dr. Fridjof Nansen. The subjects to be discussed are chiefly organization and statutes, investigational work in oceanography, meteorology, geology, biology, terrestrial magnetism and electricity. Professor L. A. Bauer, of the Carnegie Institution in Washington, will represent America. Sir Napier Shaw, meteorologist, will appear for England, and Captain Walter Bruns, Zepelin pilot, represents Germany. Roald Amundsen and General Umberto Nobile, who flew over the North Pole in the airship *Norge*, expressed regrets at their being unable to attend.

THE École d'Anthropologie de Paris celebrated the fiftieth anniversary of its foundation on November 3.

THE Royal Belgian Geographical Society will celebrate the fiftieth anniversary of its foundation on November 7 and the following few days.

A COLLECTION of more than 1,000 books which constituted the library of the late Dr. David C. English, of New Brunswick, has been given to the Rutgers University library. Two thirds of the collection are medical books, including several rare texts dating back to the seventeenth century.

UNIVERSITY AND EDUCATIONAL NOTES

LORD WOOLAVINGTON has given £10,000 to Edinburgh University for the endowment of the animal breeding research department. This gift follows an offer by the Rockefeller International Education Board of £30,000 for a department, on condition that a similar sum was raised in England.

THE University of Aberdeen has announced a gift of £5,000 from Lord Cowdray to be applied towards the endowment of a chair of forestry.

DR. SUMNER C. BROOKS, of the hygienic laboratory of the U. S. Public Health Service, has been appointed professor of physiology at Rutgers University.

H. L. CLAPP, of Cincinnati, has been appointed professor of chemistry in the college of the City of New York.

DONALD B. MACMILLAN, Arctic explorer, who plans an expedition to the Far North, which will start in the spring of 1927 and remain for five years, has been appointed professor of ethnography with leave of absence in the field, at Bowdoin College.

IN the department of psychology at the University of Kentucky Dr. Gardner C. Basset, formerly of the University of Pittsburgh, has been appointed associate professor, and Dr. James L. Graham, who car-