

HONORARY DOCTOR OF SCIENCE.

Simon Flexner, born and brought up to the standing of a physician at Louisville, Kentucky, trained as a student and professor of pathology chiefly at the Johns Hopkins University; productive investigator and author in bacteriology and pathology; since 1904 director of the laboratories of the Rockefeller Institute for Medical Research, and there the competent master of great resources for the immediate and constant advancement of Medical Science.

DOCTORS OF LAWS.

John Collins Warren, instructor and professor of surgery in Harvard University for thirty-five years; author, and eminent practitioner in surgery; the enthusiastic, winning and indefatigable promoter of the great undertaking of the Medical School, who knew how to inspire others with his own well-grounded hopefulness and ardor.

Henry Pickering Bowditch, for thirty-five years chief teacher of physiology in Harvard University; for ten years dean of the Medical School; investigator, as well as teacher and administrator; whose imagination conceived, whose faith foresaw the new Medical School, and who contributed to the realization of his vision by diligent labor in the cause and through the confidence which others felt in his foresight and sagacity.

José Ramos, professor of pathology and chief of the clinical staff in the Medical School of Mexico, officer of the Medical Institute of Mexico, senator from the state of San Luis Potosi, in whose welcome presence Harvard University gladly remembers that the University of Mexico was her elder sister on the American continent.

Franz Keibel, professor of anatomy in the University of Freiburg, eminent investigator in anatomy and embryology, worthy representative of German genius for medical research and teaching.

Charles Scott Sherrington, lecturer and professor at the University of London, St. Thomas's Hospital and the University of Liverpool; distinguished experimental physiologist, and especially neurologist; public-spirited and active member of famous scientific societies and serviceable medical organizations.

Francis John Shepherd, professor of anatomy in McGill University; Canadian by birth, education and service; distinguished surgeon; active contributor to professional literature; ready sharer in the public functions of the profession, and in its works of charity and good will.

Sir Thomas Barlow, professor of Clinical Medi-

cine, physician to His Majesty's Household and to University College Hospital; eminent general practitioner and consultant.

Abraham Jacobi, a medical graduate of Bonn University in 1851, and a practising physician in New York since 1853; professor of the diseases of children since 1860; officer in many hospitals and medical societies; productive author; alert, energetic, progressive practitioner; honored medical veteran.

And in the name of this society of scholars I declare that they are entitled to the rights and privileges pertaining to their several degrees, and that their names are to be forever borne on its roll of honorary members.

SCIENTIFIC NOTES AND NEWS.

THE University of Aberdeen celebrated last week the four hundredth anniversary of its foundation with some three thousand delegates in attendance. According to a cablegram to the daily papers, the degree of doctor of laws was conferred on 110 of the delegates, including Professor F. W. Clarke, chief chemist of the U. S. Geological Survey; Dr. Arnold Hague, geologist of the U. S. Geological Survey; Dr. J. William White, professor of surgery in the University of Pennsylvania, and Professor Howard A. Kelly, professor of gynecology in the Johns Hopkins University.

PROFESSOR E. L. NICHOLS, of Cornell University, and Professor Wm. T. Sedgwick, of the Massachusetts Institute of Technology, will make the addresses at the formal dedication of the new Eastman science building at Rochester University, which will house the departments of physics and biology. It is expected that the dedication will take place during the month of October.

SIR WILLIAM PERKIN has arrived in this country. As has already been announced, the jubilee of the foundations of the coal-tar industry by the discovery of mauve will be celebrated at a banquet at Delmonico's on Saturday evening. Other entertainments have been arranged for Sir William Perkin, including a smoker at the Chemists' Club, New York City, and a dinner at Boston.

DR. CHARLES F. CHANDLER, professor of chemistry in Columbia University, has re-

ceived from the University of Göttingen a renewal of his degree of doctor of philosophy granted fifty years ago.

DR. GEORGE L. STREETER, instructor in anatomy in the Johns Hopkins University, and Dr. Shinkishi Hatai, assistant in neurology in the University of Chicago, have been added to the staff of the Wistar Institute of Anatomy, Philadelphia.

DR. D. H. CAMPBELL, professor of botany at Stanford University, has returned after an absence of a year. He attended last year the International Botanical Conference in Vienna and the South African meeting of the British Association for the Advancement of Science. He subsequently spent a considerable time in the Botanical Gardens at Peridinia, Ceylon, and Buitenzorg, Java.

DR. N. L. BRITTON, director of the New York Botanical Garden, Mrs. Britton and Professor Lucian M. Underwood, of Columbia University, have spent the past month in Jamaica, where the garden maintains at Chincona a tropical laboratory.

DR. C. B. ROBINSON, assistant curator of the New York Botanical Garden, spent the month of August in Nova Scotia making collections for the garden.

STAFF SURGEON ALEXANDER GASKILL, of the British Royal Navy, is in America studying naval hospital methods.

DR. BRADLEY M. DAVIS will spend next winter in Cambridge, Mass. (17 Felton Hall). His immediate work will be the completion, with Mr. Bergen, of a laboratory and field manual to accompany the 'Principles of Botany,' which has recently appeared from the press of Ginn and Company.

DR. GEORGE BRUCE HALSTED, F.R.A.S., has accepted the headship of the department of mathematics in the State Normal School of Colorado at Greeley. Dr. Halsted's translation of Poincaré's 'The Value of Science' is appearing as a serial in the *Popular Science Monthly*, to be later a companion volume to his 'Science and Hypothesis.'

SIR GEORGE WATT, C.I.E., reporter an economic products to the Indian government, de-

livered the opening address of the session at the School of Pharmacy of the Pharmaceutical Society of Great Britain, and the president of the society presented the Pereira medal on October 1.

DR. SAMUEL SHELDON gave the presidential address before the American Institute of Electrical Engineers, New York City, on September 28, his subject being 'The Work of the Institute.'

A MEDAL in memory of Fritz Schaudinn, to be awarded every second year for distinguished work in micro-biology, has been established at the Hamburg Institute of Tropical Diseases, with which Schaudinn was connected at the time of his death.

A MONUMENT to Ignaz Semmelweis, the distinguished physician, was unveiled with appropriate ceremonies at Budapest on September 30.

DR. FELIX LEOPOLD OSWALD, the author of numerous books and articles on natural science, born in Belgium in 1845, and recently residing at Grand Rapids, Mich., was killed by a train at Syracuse on September 27.

THE death is announced of Professor H. Cohn, of the University of Breslau, known for his work in ophthalmology.

It is announced that the German government will hold in Berlin in 1912 an international exposition, which will be planned on a scale surpassing all previous expositions of this character.

It is reported that the Ontario cabinet is considering the establishment of a department of public health.

AFTER the opening of the Institute of Cancer Research at Heidelberg on September 25, an International Conference on Cancer was held at Frankfort-on-the-Main on September 26 and 27.

IN view of the continuance of the disastrous epidemics of plague, cholera and smallpox, and the heavy perennial mortality from malaria, the government of India has decided to create an entirely new service of sanitary engineers, whose special province it will be to safeguard public health. A committee of experts has

been appointed to consider the details of the scheme.

WE learn from *Nature* that the Association des Industriels de France contre les Accidents du Travail intends offering a prize of 8,000 francs for an international competition for a new galvanic battery or accumulator which, while having a large output for its size and weight, must not be dangerous in use. Inquiries should be addressed to the director of the society, rue de Lutèce, Paris, who will supply further particulars, and to whom competitors must send their descriptions and drawings.

THE London *Times* reports that at its plenary sitting at Brussels on September 11 the International Polar Exploration Congress voted unanimously for the formation of an international polar commission. The members of the commission are to hold office for six years. Corresponding members may be nominated among men of science and others who have in any way assisted polar exploration. The commission is to elect by vote a president, vice-president and secretary for a term of three years. The commission is forbidden to undertake any operations of a financial nature. Its primary aims are to bring about closer relations among polar explorers, to coordinate scientific observations and to assist polar enterprise, without, however, organizing expeditions on its own account.

UNIVERSITY AND EDUCATIONAL NEWS.

By the death of the sister of the late W. W. Guiteau, Cornell University will receive the legacy left by him, said to amount to between \$100,000 and \$200,000.

THE courts have handed down a decision by which the University of Rochester will receive the \$75,000 bequeathed to it by the late Lewis H. Morgan.

THE new building for the Atlanta College of Physicians and Surgeons has been erected at a cost of \$75,000.

IN connection with the celebrations of the fourth centenary of the University of Aberdeen, the new buildings, erected at a cost of \$1,250,000, were opened by King Edward.

AUGUSTUS TROWBRIDGE, Ph.D. (Berlin), professor of mathematical physics at the University of Wisconsin, has been called to Princeton University. We have already noted the call of Professor O. V. Richardson, of Cambridge University, to a chair of physics at Princeton; Dr. H. L. Cooke, also of Cambridge University, has been called to an assistant professorship of physics.

DR. C. D. CHILD, professor of physics at Colgate University, has been appointed to a similar chair in the School of Mining at Kingston, Ont.

DR. A. DUNCAN YOKUM has been appointed professor of pedagogy in the University of Pennsylvania, to succeed Dr. Martin G. Brumbaugh, who has become superintendent of the Philadelphia public schools.

AT Brown University, Dr. Herbert E. Waters, of the University of Chicago, succeeds Dr. Leonard W. Williams as assistant professor of comparative anatomy.

MR. E. H. ARCHBOLD has been appointed associate professor of chemistry in Syracuse University.

AT Rochester University, Assistant Professor A. S. Gale has been promoted to a professorship of mathematics and Mr. Howard D. Minchin to an assistant professorship of physics.

MISS MABEL CHASE has been promoted to be an associate professor of physics at Mount Holyoke College, and Miss Eleanor C. Doak has been appointed associate professor of mathematics.

DR. MARION M. HULL has been elected professor of materia medica and therapeutics at the Atlanta School of Medicine, in succession to the late Dr. Charles D. Hurt.

MR. JAMES MUIR, M.A., B.Sc., assistant to the professor of natural philosophy in Glasgow University, has been appointed to the chair of natural philosophy in the Glasgow and West of Scotland Technical College.

DR. WILHELM WIEN, professor of physics at Würzburg, will succeed to the chair occupied by the late Professor O. Drude.