

ment of engineering, a profound student of river hydraulics, a faithful servant of the United States government for thirty-eight years, and distinguished as the builder of the great jetties at the mouth of the Mississippi River.

THE DEGREE OF DOCTOR OF LAWS

Doctor William Henry Howell, of Johns Hopkins University, professor of histology and physiology in the University of Michigan from 1890 to 1892, distinguished teacher and investigator, a physiologist of the first rank.

Professor Andrew Cunningham McLaughlin, of the class of 1882, for many years a member of the historical staff of his alma mater, now professor and head of the department of history in the University of Chicago, a distinguished teacher whose published contributions have placed him in the front rank of American historical scholars.

Doctor James Playfair McMurrich, for thirteen years professor of anatomy in the University of Michigan, now professor of anatomy in the University of Toronto, distinguished as a teacher and for learned contributions to the sciences of biology and anatomy.

Henry Smith Carhart, for over twenty years professor of physics in the University of Michigan, now a worthy recipient of the honors of the Carnegie Foundation, distinguished as scholar and author and for his service in the cause of international electrical units and standards of measurements.

Robert Simpson Woodward, a graduate of the University of Michigan in the class of 1872, since 1905 the president of the Carnegie Institution of Washington, engineer, astronomer, geographer, physicist, a renowned investigator of problems in the solution of which the whole world is interested.

THE FUNERAL OF M. POINCARÉ

THE funeral of M. Henri Poincaré took place on July 19. After religious ceremonies at the church of Saint-Jacques-du-Haut-Pas the procession passed to the cemetery of Montparnasse, where eulogies were delivered by the minister of public instruction, speaking for the government and the university, M. Claretie for the French Academy, M. Appell for the Faculty of Science, by M. Bigourdan for the Bureau of Longitudes, by M. Painlevé for the Academy of Sciences and General Cornille for the Polytechnic School. From

Nature we learn that the pall-bearers were MM. Guist'hau, minister of public instruction, Jules Claretie, Lippmann, Appell, Bigourdan, General Cornille, Painlevé and Zeiller. The hearse was covered with wreaths which had been sent by the staff and teachers of the Ecole Polytechnique, the Faculty of Science, the French Physical Society, the Observatory of Meudon, the Association of Pupils and Past Pupils of the Faculty of Science, the General Association of Students, the French League of Moral Education, etc. The chief mourners were MM. Léon Poincaré, son of the deceased; Emile Boutroux, his brother-in-law; Raymond Poincaré, President of the Ministerial Council, and Lucien Poincaré, Director of Secondary Education and Minister of Public Instruction, his cousins. There were also present: Captain Grandclément, representing the president of the republic; MM. Antonin Dubost, president of the senate; Klotz, minister of finance, and Lebrun, minister for the colonies; the representatives of the president of the chamber, MM. Steeg, Fernand David, Briand, Jean Dupay, Pams, René Besnard and Léon Bérard, members of the government; the delegacy of the French Academy, consisting of MM. Jules Claretie, director; Henri Roujon, treasurer; Thureau-Dangin, permanent secretary; Denys Cochin, the Marquis de Ségur, Masson, and Marcel Prévost; the delegacy of the Academy of Sciences, consisting of MM. Lippmann, president, Darboux and van Tieghem, permanent secretaries; Émile Picard, Painlevé, Humbert, members of the section of geometry; the members of the higher council of public instruction, the members of the council of the university; the delegacy of the professors of the faculty of science, consisting of MM. Andoyer, Goursat, Königs, Abraham, Cartan, Borel, Pinseux, Houssaye and Perrin; a delegacy of members of the corps des mines, of the bureau des longitudes, of the association of pupils and past pupils of the faculty of science; Sir J. Larmor, senior secretary, and Mr. Dyson, representing the Royal Society of London; the mayor and the deputy-mayors of the fifth

arrondissement; the Prince of Monaco, Prince Roland Bonaparte; MM. Liard, vice-rector of the University of Paris; Baillaud, director of the Paris Observatory; Deslandres, director of the Observatory of Meudon; Mgr. Duchesne, director of the École Française de Rome; Paul Hervieu, Henri de Régnier, Louis Passy, Joseph Reinach, Georges Perrot, René Doumic, Mmes. Milne-Edwards, Émile Ollivier, Professor Hutinel and others.

SCIENTIFIC NOTES AND NEWS

THE following lectures will be delivered at the International Congress of Applied Chemistry to be held in New York in September: "The Rôle of the Infinitely Small in Biological Chemistry," by M. G. Bertrand, of Paris; "Oxidation of Atmospheric Nitrogen in Norway," by Dr. S. Eyde, of Christiania; "The Most Recent Problems of Chemical Industry," by Dr. C. Duisberg, of Elberfeld; "Permanent Fireproofing of Cotton Goods," by Professor W. H. Perkin, F.R.S., of Manchester; "Synthetic Ammonia," by Dr. H. A. Bernthsen, of Ludwigshafen; "The Photochemistry of the Future," by Mr. G. Ciamician, of Bologna, and "Priestley in America," by President Ira Remsen, of the Johns Hopkins University.

PROFESSOR VON WASSERMANN has been appointed head of an institute for experimental research on cancer established by the Kaiser Wilhelm Society for the Promotion of Science.

THE Vienna Academy of Sciences has conferred its Lieben prize for 1912 on Dr. Oswald Richter for his work on the food of algæ.

THE medal of the Royal Bavarian Academy of Science has been awarded to Dr. C. C. Hosseus, of Berchtesgaden, for his journey in Siam.

THE Schaudinn medal has been awarded to Dr. Chagas, of the Institut Oswaldo Cruz, at Rio de Janeiro, for his discovery of the trypanosome responsible for epidemic thyroiditis.

PROFESSOR CARL BINZ, formerly director of the Pharmacologic Institute at Bonn, celebrated his eightieth birthday July 1.

IN the geological survey at Berlin, Drs. Oskar Tietze Wilhelm Wunstorf and Leo Siegert have been promoted to be geologists.

COL. WILLIAM C. GORGAS has declined the invitation to become chairman of the Boston Board of Health.

DR. ALEXANDER N. WINCHELL has resigned from the United States Geological Survey in order to resume work as a consulting mining geologist. He has recently returned to his office in Madison, Wisconsin, after spending several weeks in Nevada in connection with litigation regarding the ownership of the ore deposits of the national mine in that state.

ASSISTANT DEAN W. T. BAWDEN, of the College of Engineering of the University of Illinois, has resigned and will take up special graduate work at Teachers College of Columbia University in education.

DR. EDWIN D. STARBUCK, professor of philosophy in the State University of Iowa, has been granted sabbatical leave for the coming year, and will reside in Boston. He will act for the year as psychologist adviser to the *Beacon Press* in the publication of children's and young people's literature, and especially in the formation of the graded Sunday-school curriculum.

PROFESSOR WILLIAM S. DIETRICH, head of the division of swine husbandry at the University of Illinois, has resigned to become superintendent of a stock farm.

DR. MEL. T. COOK, professor of plant pathology at Rutgers College, gave a lecture before the students at the Biological Laboratory of Cold Spring Harbor, L. I., on the "Immunity of Plants to Disease," on July 29, 1912.

DR. E. F. BASHFORD, director of the Imperial Cancer Research Fund, will deliver the von Leyden memorial lecture in Berlin on October 21. As already announced he will give the Middleton Goldsmith lectures before the Pathological Society of New York on October 2, 3 and 4.

PROFESSOR THEOBALD SMITH, of Harvard University, gave his last lecture as visiting professor to the University of Berlin on June 23.