

to 6, is first to assemble the facts of race degeneracy and also of recent scientific progress dealing with the prolongation of human life, and second to give a greater impetus to the dissemination of these facts for the benefit of humanity. Special group sessions will be given over to reports of recent progress in the field of bacteriology, medicine, nutrition, eugenics, physiology and education.

The conference is being organized under the auspices of the Race Betterment Foundation, the founder and president of which is Dr. John Harvey Kellogg, and which sponsored the first and second conferences held in 1914 and 1915 at Battle Creek and at the Panama Pacific Exposition in San Francisco. The Battle Creek Sanitarium will act as host for the January conference.

Delegates will be present from many research laboratories, including the Rockefeller Institute for Medical Research, the Sheffield Scientific School, the Eugenics Record Office of the Carnegie Institution, Cornell University Medical College, the Universities of Chicago, the Johns Hopkins, Harvard, Yale, Northwestern, Wisconsin, etc.

Among the speakers announced are the following: Miss Grace Abbott, chief of the Children's Bureau, U. S. Department of Labor, Washington, D. C.; Dr. Herman N. Bundesen, city health commissioner, Chicago, president of the American Health Association; Dr. Anton J. Carlson, chairman of the department of physiology of the University of Chicago; Dr. Alexis Carrel, Rockefeller Institute for Medical Research; Professor Russell H. Chittenden, Sheffield Scientific School, Yale University; Dr. C. B. Davenport, Carnegie Institution of Washington, Cold Spring Harbor, N. Y.; the Honorable J. J. Davis, secretary of labor, Washington, D. C.; Dr. Irving Fisher, professor of political economy in Yale University; Dr. Glenn Frank, president of the University of Wisconsin; Professor J. W. Glover, professor of mathematics and insurance in the University of Michigan; Professor M. F. Guyer, professor of zoology in the University of Wisconsin; Dr. Louis I. Harris, New York city health commissioner; Charles Holmes Herty, adviser to the Chemical Foundation, Inc.; Major-General M. W. Ireland, surgeon-general U. S. Army; the Honorable Albert Johnson, chairman of the committee on immigration and naturalization, House of Representatives; Professor E. O. Jordan, chairman of the department of hygiene and bacteriology of the University of Chicago; Professor Charles H. Judd, director of the School of Education, University of Chicago; Dr. Vernon Kellogg, permanent secretary of the National Research Council; Dr. Arthur I. Kendall, dean of the biological department, Northwestern University Medical School; Dr. Franklin H.

Martin, director-general of the American College of Surgeons and director of the Gorgas Memorial Institute, Chicago; Dr. Max Mason, president of the University of Chicago; Professor E. V. McCollum, School of Hygiene and Public Health, the Johns Hopkins University; Professor Edward Alsworth Ross, professor of sociology, University of Wisconsin; Dr. Walter Dill Scott, president of Northwestern University; Dr. George David Stewart, president of the American College of Surgeons, New York City; Dr. John Sundwall, professor of hygiene and public health of the University of Michigan; Dr. Aldred Scott Warthin, president of the National Association of American Physicians and director of the pathological laboratory of the University of Michigan, and Dr. Harvey W. Wiley, Washington, D. C.

OPENING OF THE NICHOLS CHEMISTRY BUILDING AT NEW YORK UNIVERSITY

THE Nichols Chemistry Building of New York University was opened on the afternoon of December 3. Dr. William H. Nichols, a graduate of the university, now a member of the council, gave \$600,000 for the erection of the building. Among those who gave addresses are Dr. Arthur B. Lamb, professor of chemistry at Harvard University; Dr. Arthur E. Hill, professor of chemistry at New York University, and Dr. James Kendall, professor of chemistry and dean of the graduate school of the university.

Dr. William H. Nichols, a graduate of the university college of arts and pure science of New York University in the class of 1870 and a member of the council of New York University, who in 1925 donated the sum of \$600,000 for the erection of the building, and Mrs. Nichols were present at the ceremonies. Dr. Nichols formally presented the building and Chancellor Elmer Ellsworth Brown accepted the gift on the part of the university. Mrs. Nichols unveiled the memorial tablet.

The Nichols Chemistry Building greatly enlarges facilities for the teaching and laboratory work in chemistry at the university, which previous to the erection of the new building was carried on in the Havemeyer laboratory, which has now been turned over to the department of biology for research work.

The new building is a rectangular structure 210 feet long by 60 feet wide, located on the south side of the fifty-acre campus at University Heights. It is so constructed as to have four stories and a basement above ground, with an attic for mechanical installation purposes. It contains approximately 1,000,000 cubic feet of floor space and over 60,000 square feet is being devoted to laboratories and lecture rooms.

The building, designed by Augustus N. Allen, is one of the largest buildings in the country entirely

devoted to the study of chemistry. It contains space for large chemical engineering laboratories, which have been fitted up with apparatus for teaching the unit processes in chemical industries. Provision has also been made for laboratories for undergraduate study in organic, inorganic, quantitative and qualitative analysis and physical chemistry. These laboratories will accommodate about 1,300 undergraduate students.

In addition to the laboratories there are three large lecture rooms, an auditorium seating over two hundred and fifty people and four classrooms. The fourth floor is given over to research laboratories for members of the faculty and graduate students. There are in all twenty-five laboratories in the building and each can adequately accommodate several investigators. The Loeb library of chemistry is on the fourth floor. This library was founded by the late Solomon Loeb, of the banking firm of Kuhn-Loeb and Company.

SCIENTIFIC NOTES AND NEWS

DR. IRVING LANGMUIR, of the General Electric Company, Schenectady, N. Y., has been awarded the Perkin Medal for 1928. The presentation will be made on January 13.

DR. ARTHUR H. COMPTON, professor of physics at the University of Chicago, who was recently named as cowinner of the 1927 Nobel prize in physics, has left Chicago for Stockholm, where he will receive the prize on December 10, and will deliver the Nobel lecture on "X-Rays as a Branch of Optics." He will return to the university on January 1 to resume his work. On November 28 Professor Compton was the guest of honor at a dinner and celebration at the College of Wooster, from which he graduated in 1913. Professor Dayton C. Miller, of the Case School of Applied Science, Cleveland, Ohio, was the representative of the American Association for the Advancement of Science at this celebration.

THE honorary degree of doctor of science was conferred on M. Paul Painlevé, professor of analytical and celestial mechanics at the Sorbonne and French Minister for War, by the University of Cambridge on November 16. In the afternoon of the same day M. Painlevé lectured in the Arts Schools on "Resistances d'un liquide au mouvement d'un solide."

THE following is a list of those elected to the council of the Royal Society at the anniversary meeting on November 30: *President*, Sir Ernest Rutherford; *treasurer*, Sir David Prain; *secretaries*, Mr. J. H. Jeans and Dr. H. H. Dale; *foreign secretary*, Sir Richard Glazebrook; *other members of council*, Dr. E. D. Adrian, Sir Hugh Anderson, Dr. F. W. Aston, Dr. F. A. Bather, Sir Archibald Garrod, Sir Thomas

Heath, Professor A. Lapworth, Professor J. C. G. Ledingham, Professor F. A. Lindemann, Mr. J. E. Littlewood, Mr. C. Tate Regan, Professor A. C. Seward, Professor G. Eliot Smith, Dr. T. E. Stanton, Sir Gilbert Walker, Sir James Walker.

AT a meeting of Delta Omega, the national honorary public health society, on October 19, C.-E. A. Winslow, Anna M. R. Lauder professor of public health at Yale University, was elected president. Major Edgar E. Hume, U. S. Army, vice-president, and Dr. James A. Tobey, New York, secretary. Chapters of the society have been established at the Johns Hopkins University School of Hygiene and Public Health, the Harvard University School of Public Health, the National Institute of Technology, Yale University School of Medicine, the University of Michigan and the University of California.

DR. F. BAKER has been appointed honorary curator of mollusks at the Scripps Institution of Oceanography, La Jolla.

DEAN JOHN N. COBB, of the University of Washington College of Fisheries, has been appointed to the economic division of the United States Fisheries Association.

DR. H. E. BARNARD has resigned as president of the American Institute of Baking.

THE portrait of Professor J. A. Fleming was presented to University College, London, on November 30. Professor Fleming was also presented with a copy of the portrait, and he has intimated his intention of presenting this copy to the British Institution of Electrical Engineers.

PROFESSOR R. B. WILD, who retired in September from the Leech chair of materia medica and therapeutics in the University of Manchester, was presented on November 11 with his portrait and other gifts. The presentation was made by Professor G. R. Murray, on behalf of Professor Wild's past and present colleagues in the faculty of medicine, in appreciation of the valuable services he has rendered to the cause of medicine and education in Manchester. In accepting the gifts Professor Wild expressed a desire that the portrait should be given to the university, and the vice-chancellor accepted the offer.

THE resignation of Professor E. C. Williams from the Ramsay chair of chemical engineering, tenable at University College, London, has been accepted as from the end of the present academic year.

DR. JAMES M. ANDERS celebrated his fiftieth anniversary in the medical profession on November 28, when he was honored by his friends at a testimonial dinner in the Bellevue-Stratford Hotel. Dr. Josiah H.