

Samoa, and it is hoped he will be able to bring home to London a "didunculus," the first cousin to the extinct dodo, which still survives in one area. A careful selection of entomological specimens will also be made.

#### THE COLLEGE OF DENTISTRY OF THE UNIVERSITY OF CALIFORNIA

RECOGNITION of the work of the college of dentistry of the University of California is shown by the grant to it for three successive years, by the Research Commission of the American Dental Association, of funds for carrying on special investigations. For 1922-23, according to a statement made by Dr. Guy S. Millberry, dean of the College of Dentistry, the principal grant amounts to \$2,000 and is awarded for research to be carried on by Dr. John A. Marshall, associate professor of biochemistry and dental pathology, in the influence of diet and nutrition on the development of the teeth. Dr. Marshall will also with the aid of this grant continue certain inquiries into the "salivary factor in dental decay" and into "dental erosion."

In addition, the research commission has made a grant of \$1,500 to the university research group now carrying on experimental work in San Quentin Prison. This study is concerned with infections of the oral cavity. The investigators include Dr. Vance Simonton, associate professor of operative dentistry, Dr. W. Hanford and Dr. W. Fleming, instructors in preventive dentistry, Dr. C. O. Patten and Dr. C. Westbay, instructors in operative dentistry, for the College of Dentistry. Particularly concerned, also, in the chemical side of the research is Dr. Guy W. Clark, assistant professor of pharmacology, while similarly engaged on the bacteriological side are Associate Professors T. D. Beckwith and I. C. Hall.

The College of Dentistry will next January begin to use the income from a fund of \$10,000 to meet the expense of an annual course of lectures, by noted authorities, on preventive dentistry. These lectures will at first be given in San Francisco, but as the fund increases through the efforts of the Alumni Association of the college they will be repeated in other centers of population. According to Dean Millberry the northern branch of the Dental Alumni Association is now committed to the raising of a quota of \$5,000 to add to the \$10,000 already in the hands of the Board of Regents.

#### THE MILBANK MEMORIAL FUND

In the report of the Milbank Memorial Fund, established by the late Mrs. Elizabeth Milbank Anderson, recently issued, it is stated that \$2,000,000 has been appropriated for health demonstrations in three

typical communities with a population of half a million.

Under the plan announced the fund will attempt to demonstrate, by cooperation with agencies in these communities, whether the extent of sickness can be materially diminished by the intensive application of known health measures, and mortality rates further reduced; and whether these results can be achieved in a relatively short period of time and at a per capita cost which the communities will willingly bear.

"This project of the Milbank Memorial Fund, known as the New York Health and Tuberculosis Demonstrations, will be carried on in three localities in New York State typical of metropolitan, city and rural communities in the country at large. It will be conducted under the general supervision of a group of well-known leaders in public health and social work. Its purpose is to determine which diseases more readily yield to concerted attack, to what extent tuberculosis can be further reduced, whether the low infant mortality rate of 50 per 1,000 born attained in many progressive communities can be generally substituted for the rate of 100 or more still prevailing in parts of the United States; what preventive methods are most effective in controlling disease—in short, to ascertain what can be accomplished by the intensive application of public health measures in the fields of physical and mental, social and industrial hygiene. A record will be kept of the exact cost of each specific project and every effort made to keep the cost down, to a minimum consistent with efficiency."

Actual work has been started in Cattaraugus county, with a population of about 72,000 and in the city of Syracuse, which has a population of about 175,000. The metropolitan district, though not yet definitely located, will probably be a section of New York City, with a population of about 200,000. The Board of Directors of the fund has set aside \$325,000 annually for these projects.

The general supervision of the demonstrations will be in the hands of a technical board consisting of Dr. James Alexander Miller, of the College of Physicians and Surgeons; Dr. Linsly R. Williams, managing director of the National Tuberculosis Association; Dr. Livingston Farrand, president of Cornell University; Homer Folks, secretary of the State Charities Aid Association; Bailey B. Burritt, director of the New York Association for Improving the Condition of the Poor, and John A. Kingsbury, secretary of the fund.

#### ATTENDANCE AT SCIENTIFIC MEETINGS

THE following resolution was adopted by the Board of Managers of the Washington Academy of Sciences at a meeting held October 29, 1923:

*Whereas*, The work of scientific men has contributed enormously to the welfare of the human race and espe-

cially to the people of the United States of America, and

*Whereas*, The government of the United States has recognized the importance of scientific investigations and research by the creation of many scientific bureaus, and has appropriated large sums of money for carrying on their work which has been most beneficial to the health, industries and commerce of this country, and

*Whereas*, Our people should be kept informed promptly and fully of the progress made and results accomplished by the scientific organizations of the government, and

*Whereas*, The members of the government engaged on scientific activities can only function to the best advantage by having conferences with scientific men of this country not in government service and with such men of other countries, and

*Whereas*, This contact can only be gotten by attendance at scientific gatherings in this country and abroad; therefore, be it

*Resolved*, That the Washington Academy of Sciences hereby petition and urge the President, the heads of departments of the federal government, and the Congress of the United States to give the welfare of science in the United States their earnest consideration and assistance; and to provide by law and by appropriation of the necessary money for the attendance of such scientists of the government as heads of departments may designate at scientific congresses, conventions and meetings in this country; and for the attendance of such scientists of this country, both in the government and in private life, as may be recommended to the Department of State by competent authority and approved by the head of that department or the official acting for him, as representatives of the United States of America at international scientific congresses, conventions and meetings. These appropriations would be exceedingly small as compared with the returns from them in great benefits to scientific advance in America and hence to the promotion of the national welfare.

#### PRIZE OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

To mark the seventy-fifth anniversary of the American Association for the Advancement of Science, a member of the association has given the sum of one thousand dollars to be awarded as a prize to the author of a paper containing a notable contribution to the advancement of science, presented at the Cincinnati meeting either before the association or before one of the affiliated societies. The award will be made by a committee to be appointed by the council of the association.

#### SCIENTIFIC NOTES AND NEWS

THE Nobel Prize for chemistry has been awarded to Professor Friedrich Pregl, of Graz. It will be remembered that the Nobel prize in physics has been awarded to Professor R. A. Millikan, and the prize in

medicine to Professor J. J. R. Macleod and Dr. F. G. Banting.

SIR CHARLES SHERRINGTON, Waynflete professor of physiology at Oxford, has been nominated by the council of the Royal Society for reelection to the presidency. Awards of medals have been made as follows: Royal Medals to Sir Napier Shaw, F.R.S., for his researches in meteorological science, and to Professor C. J. Martin, F.R.S., for his researches on animal metabolism. The Copley Medal to Professor H. Lamb, F.R.S., for his researches in mathematical physics. The Davy Medal to Professor H. B. Baker, F.R.S., for his researches on the complete drying of gases and liquids. The Hughes Medal to Professor R. A. Millikan, of the California Institute of Technology, for his determination of the electronic charge and of other physical constants.

THE first award of the Thomas Turner gold medal was made on October 30 to Sir Robert Hadfield, Bart., in recognition of his distinguished contributions to metallurgy of steel. The medal is the outcome of a gift to perpetuate the memory of the work done by Professor Turner in the metallurgy of iron.

THE honorary fellowship of the American College of Surgeons was conferred upon Sir William Wheeler, president of the Royal College of Surgeons of Ireland, at the convocation ceremony in Chicago on October 26.

DR. ALEXANDER RUSSELL, principal of the Faraday House Electrical Engineering College, London, has been elected president of the British Institution of Electrical Engineers.

DR. A. LIPSCHUTZ, professor of physiology at Dorpat, has been elected to honorary membership in the Mexican Biological Society.

OFFICERS of the Cambridge Philosophical Society have been elected as follows: *President*, C. T. Heycock; *vice-presidents*, Professor A. C. Seward, Dr. H. Lamb, J. Barcroft; *treasurer*, F. A. Potts; *secretaries*, Professor H. F. Baker, F. W. Aston, J. Gray; *new members of the council*, F. P. White, E. V. Appleton, J. B. S. Haldane.

PROFESSOR LYMAN C. NEWELL, of Boston University, was delegate from the American Association for the Advancement of Science at the celebration of the fiftieth anniversary of Boston University, which occurred on October 25 and 26.

ARTHUR P. DAVIS, whose dismissal as director of the Reclamation Service by Secretary Work caused many protests from engineering and other bodies, has been elected to honorary membership by the Washington Society of Engineers. Mr. Davis is now in England, representing the Department of State on