

POPULAR SCIENCE MONTHLY AWARD

DR. GEORGE H. WHIPPLE, dean and professor of pathology of the School of Medicine and Dentistry at the University of Rochester, and Dr. George R. Minot, professor of medicine in the Harvard Medical School, discoverers of the value of liver and liver extract as a treatment for pernicious anemia, formerly incurable, received on December 18 at a dinner at the University Club, New York, a \$10,000 prize offered by *The Popular Science Monthly* for "the current achievement in science of greatest benefit to the public." The awards and gold medals were presented by Dr. Robert A. Millikan, chairman of the executive council of the California Institute of Technology, and responses were made by Dr. Minot and Dr. Whipple. Addresses were then made by Dr. Simon Flexner, director of the Laboratories of the Rockefeller Institute for Medical Research, and by Dr. Millikan. According to a press report Dr. Millikan said:

Only that is of most potential value to the human race which represents a fundamental increase in human knowledge not only in one way but in many ways. Every bit of our material civilization to-day can be traced to the discarding by Galileo and Newton of the a priori method of approaching reality and substituting for it the method of empiric investigation.

Until twelve years ago we lagged far behind other nations of the world in fundamental science. That was inevitable as long as we focused our attention on the immediate application of science to some practical end. The foundation of the national research fellowships has put this country far ahead of what it was. Within the last twelve years our physics in the United States has leaped forward more than it had ever done in any previous decade.

The first thing is to see that the spirit of science should be kept strong and active. The second is to spread the gospel of science throughout the country. Our work to succeed must be brought before the attention of the intelligent public in order that it might have a universal appeal. If it does not have a universal appeal, it will eventually fail.

Dr. Millikan cited the Nobel prizes as an example of bringing the work of scientific research before the general public. *The Popular Science Monthly* awards, he

declared, were in the same category with the Nobel prizes in that they will spread knowledge of what is being done in laboratories among the public and will add stimulus to research in pure science.

The committee of award consisted of:

Dr. Frank B. Jewett, vice-president, American Telephone and Telegraph Company, *chairman*.

Dr. C. G. Abbot, secretary, The Smithsonian Institution.

Dr. Samuel A. Brown, dean, New York University and Bellevue Hospital Medical College.

Dr. George K. Burgess, director, U. S. Bureau of Standards.

Dr. William W. Campbell, president emeritus, University of California; director emeritus, Lick Observatory.

Dr. Harvey N. Davis, president, Stevens Institute of Technology.

Dr. Arthur L. Day, director, Geophysical Laboratory, Carnegie Institution of Washington.

Dr. E. E. Free, consulting engineer.

Dr. Vernon Kellogg, permanent secretary, National Research Council.

Charles F. Kettering, president and general director, Research Laboratories, General Motors Corporation.

Dr. Arthur D. Little, president, Arthur D. Little, Inc., Chemists.

Dean Collins P. Bliss, director, Popular Science Institute, New York.

Dr. John C. Merriam, president, Carnegie Institution of Washington.

Dr. Robert A. Millikan, chairman, executive council, California Institute of Technology.

Professor Henry Fairfield Osborn, president, The American Museum of Natural History.

Dr. S. W. Stratton, Massachusetts Institute of Technology.

Dr. Elihu Thomson, director, General Electric Research Laboratories (Lynn, Massachusetts).

Dr. Edward R. Weidlein, director, Mellon Institute of Industrial Research.

Henry H. Westinghouse, director, Westinghouse Electric and Manufacturing Company.

Dr. Albert E. White, director, department of engineering research, University of Michigan.

Dr. Willis R. Whitney, vice-president and director of research, General Electric Company.

Orville Wright, scientist and inventor.

SCIENTIFIC NOTES AND NEWS

THE American Association for the Advancement of Science and about forty associated societies will meet at Cleveland during the week beginning December 29. The number of *SCIENCE* for November 28 was a special issue containing the preliminary announcement of the meeting edited by the permanent secretary. Dr. Thomas Hunt Morgan will preside at the opening session, when Dr. Robert A. Millikan will

give the address of the retiring president on "Atomic Disintegration and Atomic Synthesis."

DR. ALBERT A. MICHELSON completed his seventy-eighth year on December 19, while engaged at Pasadena on the measurement of the velocity of light through a vacuum tube.

DR. JAMES H. BREASTED, of the University of Chicago, director of the Oriental Institute, has been