the moment, I happen to represent have seen to it that the inquiring and curious members of their faculties and student bodies shall have the expensive time and facilities and the impetus to discharge the investigative obligation to which I have referred. It is impossible for me to regard this present award as other than distinguished approval of an enlightened policy of the authorities of the University of Pennsylvania.

And now I hope it is not out of place to mention an obligation of another sort which I should be unhappy not to acknowledge. I am thinking of a man, over eighty years old, now living on Trumbull Street in New Haven—R. H. Chittenden by name—forty years ago Yale's greatest teacher of chemistry—under whom it was my good fortune for a time to work. I think also of a small group of teachers and investigators who in New York in the first decade of this century formed an important part of that ferment from which have grown the amazing developments in this country in medical research and methods of medical education of which you have heard to-night. Two names leap to mind—they will mean little to you—much to me—Christian Herter and Graham Lusk. I should have been dull indeed had I not been able, coming to Philadelphia after association with them and their colleagues, to carry with me a little of the spirit of those courageous souls: if in some measure to-night's award can bring credit to their names I shall be happy.

With these heavy indebtednesses—with thankfulness for the generosity of Mr. Bok and for the good opinion of the committee, I accept the award with pride and in all humility.

SYMPOSIUM AT THE UNIVERSITY OF NOTRE DAME

A SYMPOSIUM will be held at the University of Notre Dame on May 2 and 3 entitled "The Physics of the Universe and the Nature of Primordial Particles."

During the meeting three public lectures will be given as follows:

Dr. Carl D. Anderson, of the California Institute of Technology: "The Basic Constituents of Matter."

Dr. Arthur H. Compton, of the University of Chicago: "Whence Cosmic Rays?"

Dr. Harlow Shapley, Harvard University: "The Distribution of Matter in the Metagalaxy."

Technical papers announced on the preliminary program are:

Carl D. Anderson, California Institute of Technology: "Some Aspects of the Cosmic-ray Problem."

Gregory Breit, University of Wisconsin: "The Nature of the Forces between Primordial Particles."

J. F. Carlson, Purdue University: "The Theory of Cosmic-ray Particles."

Arthur H. Compton, University of Chicago: "Recent Research on Cosmic Rays."

Eugene Guth, University of Notre Dame: "The Relativistic Theory of Primordial Particles."

Arthur E. Haas, University of Notre Dame: "Cosmic Constants."

William D. Harkins, University of Chicago: "The Heat of the Stars and the Building of the Atoms in the Universe."

Canon Georges Lemaître, University of Louvain, visiting professor at the University of Notre Dame: "The Problem of the Expansion of the Universe."

Manuel S. Vallarta, the Massachusetts Institute of Technology: "The Influence of the Magnetic Field of the Earth on Cosmic-ray Particles."

AWARD OF THE LAETARE MEDAL

THE Laetare Medal, conferred annually by the University of Notre Dame on "an outstanding member of the Catholic laity," has been awarded to Dr. Irvin Abell, of Louisville, president-elect of the American Medical Association. In making the announcement of the award the Rev. John F. O'Hara, chairman of the Laetare Medal Committee, said:

> The merit of Dr. Abell in his profession has been signally recognized in his election to the presidency of the American Medical Association, and his varied service to city and state and nation, as surgeon, citizen, soldier and Christian gentleman, has endeared him in the esteem of a numerous and extensive public benefited by his years of devotion to the complete welfare of his fellow men. Most significant, perhaps, among the achievements of this eminent man of medicine is his contribution to the difficult science of psychiatry and his efficient effort toward the cure and prevention of mental disorder.

Dr. Abell was born in 1876, in Lebanon, Ky. He is a descendant of a family that originally settled in Kentucky in 1788. He was graduated from St. Mary's College, Kentucky, in 1892 and five years later took his degree in medicine from the Medical School of the University of Louisville, where he has been professor of clinical surgery since 1904. Dr. Abell studied at the University of Marburg and at the University of Berlin. He was lieutenant-colonel in the United States Army Medical Corps during the world war and is now a colonel in the Medical Reserve Corps.

The Laetare Medal award originated in the ancient papal custom of bestowing the Golden Rose on a member of the Italian Catholic nobility on Laetare Sunday. Its modern counterpart was inaugurated at Notre Dame in 1883, when the Very Rev. Edward Sorin, C.S.C., university founder, bestowed the first medal on the late John Gilmay Shea, the Catholic historian. Dr. Abell is the fifty-sixth recipient of the award.

ELECTION OF FELLOWS OF THE ROYAL SOCIETY, LONDON

AT the annual election of fellows of the Royal Society held on March 17, the following were elected:

G. D. Bengough, consultant to the Chemical Research Laboratory, Department of Scientific and Industrial Research.