

on Lake Mendota and inspection of the chemical laboratories on the university's campus.

A program of scientific papers and general addresses, which will be opened by President Glenn Frank, of the University of Wisconsin, will be given, which, it is hoped, will bring to a focus the conspicuous lines of chemical investigation characteristic of that being carried on in the research centers of the middle west. Following the precedent set by the national society, visitors will be asked to be "paying guests," a registration fee of two dollars having been fixed to help defray the expenses of the meeting.

#### A SCIENTIFIC STUDY OF EDUCATIONAL WORK IN MISSISSIPPI

DURING the last three months of 1925, a survey of the entire public educational system of Mississippi was completed under the direction of Professor M. V. O'Shea, of the University of Wisconsin. It was found while the work was in progress that there were a number of educational and scientific problems that could not be solved without an extensive application of intelligence tests and measurements of educational achievement. Bernard B. Jones, of Washington, D. C., a former resident of Mississippi, who has contributed liberally to the support of higher education in the state, agreed to finance a comprehensive test and measurement program and appropriated a very generous sum for the work. The funds are being administered by Governor Whitfield. Professor O'Shea, who is directing the work, has the counsel of a board of consultants of twelve leaders in work in intelligence tests and educational measurements, in addition to Professor V. A. C. Henmon, Curtis Merriman and John G. Fowlkes, all of the University of Wisconsin, who are associated with Professor O'Shea in carrying through the program and scoring, tabulating and interpreting the results. Intelligence tests, measurements of achievement and tests for aptitudes will be applied to approximately 50,000 pupils in the elementary and high schools and the colleges and university, and in addition data relating to the hygiene and educational conditions of school buildings and the dietary regimen of pupils will be secured and correlated with intelligence and educational data. It is expected that a large amount of data of educational and scientific value will be secured from this thorough-going program, which is more extensive than has ever been carried through in any state heretofore.

#### SCIENTIFIC NOTES AND NEWS

A BUST of Dr. William H. Welch, director of the School of Hygiene and Public Health at the Johns Hopkins University, was unveiled on February 22 on the occasion of the commemoration day exercises

of the university. Dr. Simon Flexner, director of the Rockefeller Institute, made the presentation speech.

PRESENTATION of the William H. Nichols Medal to Dr. S. C. Lind, associate director of the Fixed Nitrogen Research Laboratory, will take place at a meeting of the New York Section of the American Chemical Society at the Chemists Club on March 5. Dr. Colin G. Fink, of Columbia University, will speak on "My Friend, Lind," and Dr. Arthur B. Lamb, of Harvard University, on "Lind, the Chemist." Dr. S. C. Lind will deliver the address of acceptance on "Chemical Activation by Alpha Particles."

DR. K. F. HERZFELD, professor of theoretical physics and chemistry in the University of Munich, will arrive next month to fill an appointment as the first James Speyer visiting professor at the Johns Hopkins University. The professorship was recently established with an endowment of \$50,000 given by James Speyer to provide for an exchange of knowledge between Germany and the United States by bringing a distinguished German scientist to this country each year.

ROY CHAPMAN ANDREWS, of the American Museum of Natural History, had conferred upon him an honorary degree by Brown University on February 24.

THE Robert W. Hunt medal was awarded to C. L. Kinney, Jr., metallurgist, of Chicago, at the annual meeting of the American Institute of Mining and Metallurgical Engineers, held in New York, for his paper on "The Economic Significance of Metalloids in Basic Pig Iron in Basic Open-hearth Practice." The J. E. Johnson, Jr., award was given to S. P. Kinney, metallurgist, U. S. Bureau of Mines Experiment Station, Pittsburgh, in recognition of his research work along blast-furnace lines.

THE Royal Danish Society of Science has awarded one of its annual gold medals for prize treatises to Harry Raymond and Ralph E. Wilson, both of the Dudley Observatory, Albany, for their observations in relation to the sun and certain stars.

LOYD A. JONES, physicist of the Eastman Kodak Co., has been awarded a prize of \$250 by the Association of Scientific Apparatus Makers of America, for his paper on "Photographic Spectrophotometry." The prize was given for the best paper on scientific instruments presented during 1924 for publication in the instrument section of the *Journal* of the Optical Society of America and *Review of Scientific Instruments*.

DR. G. CLARIDGE DRUCE, of England, was elected a corresponding member of the Botanical Society of Geneva at the recent jubilee celebrations.