

ment and professional groups with aims akin to those of home economics. Exhibits showing the work of departments, divisions and committees of the association will also be shown.

THE University of Chicago and the University of Wisconsin have organized a joint symposium on "The Respiratory Enzymes and the Biological Action of the Vitamins" to be held both at Madison and Chicago next September. The University of Wisconsin sessions, which will be devoted to the respiratory enzymes, are planned for September 11 to 13, and the meetings dealing with the vitamins will take place at Chicago on September 15 and 16 and 17. The program is an attempt to coordinate the biological action of the vitamins and the respiratory enzymes. Details may be had from Professor C. A. Elvehjem, of the University of Wisconsin, or from Professor T. R. Hogness, of the University of Chicago. The symposium is supported by the Wisconsin Alumni Foundation, for the University of Wisconsin, and by the Abbott Laboratories, for the University of Chicago. The Chicago sessions will form a part of the Semi-Centennial Celebration of the university.

#### THE AMERICAN ASSOCIATION OF MINING AND METALLURGICAL ENGINEERS

THE program of the one hundred and fifty-fourth meeting of the American Institute of Mining and Metallurgical Engineers, held in New York City from February 17 to 24, included sixty technical sessions, at which three hundred scientific papers were presented.

At the annual banquet at the Hotel Commodore on the evening of February 17 John Robert Suman, vice-president of the Humble Oil and Refining Company, Houston, Texas, was installed as president. He succeeds Herbert George Moulton, consulting engineer. Vice-presidents installed were Dr. Paul D. Merica and LeRoy Salsich.

George C. Bateman, controller of metals, Canadian Ministry of Munitions and Supply, and president of the Canadian Institute of Mining and Metallurgy, addressed the general session on February 17 on "Canadian Control of Metals in the War for Democracy," and Alfred V. de Forest, professor of mechanical engineering of the Massachusetts Institute of Technology, gave on the following day the eighteenth Howe Memorial lecture.

At the dinner of the division of the Institute of Metals on February 20 Laurence A. Hawkins, executive engineer of the research laboratories of the General Electric Company, spoke on "Research and Progress." Eugene Holman, director of the Standard Oil Company of New Jersey, spoke on the same evening at the Petroleum Division dinner at the Biltmore Hotel on "Petroleum Transport Problems."

The twentieth annual lecture of the Institute of Metals Division was delivered on Wednesday afternoon by Professor George Sachs, of the department of metallurgy, Case School of Applied Science. His subject was "Some Fundamentals of the Flow and Rupture of Metals."

There was a large exhibit of heating, ventilating, air conditioning, plumbing and associated building equipment.

#### PRESENTATION OF A PORTRAIT OF PROFESSOR COHEN

A PORTRAIT of Professor Abraham Cohen, who has recently retired from a professorship of mathematics in the Johns Hopkins University, was presented to the university at the Commemoration Day Exercises on February 22. In presenting the portrait to the trustees, Professor F. D. Murnaghan made the following comments:

I have the high honor of presenting to you to-day a portrait of Professor Abraham Cohen. In making this presentation, I act for a large group of his colleagues, friends and former students, who, as soon as his impending retirement was announced, expressed their desire to have his portrait painted and presented to the university as a token of their esteem and in recognition of his distinguished service. Professor Cohen was born in Baltimore in 1870 and entered the Johns Hopkins University in 1888. He took his A.B. in 1891 and his Ph.D. in 1894, specializing in mathematics. After a year of study in Europe, he returned as instructor in mathematics in 1895, and since that date his connection with Hopkins has been unbroken. I do not deem it proper for me here to call attention to his distinction as a mathematician, nor to record the successful text-books he has published and which are used not only in this country but in Europe. Nor shall I dwell on the fact that under his editorship the *American Journal of Mathematics* held the high distinction of being one of the leading mathematical journals in the world. Rather I should like to point out two things:

First the universal feeling of respect among his students for their teacher as a gentleman and of liking for him as a man whose patience with their weaknesses was inexhaustible. After a lapse of nearly half a century, his former students recall the deep impression left on them by this humanity of their professor. In the second place I point to the somewhat unusual and intimate connection of this occasion with our city of Baltimore. Here we have one of her citizens who attended her public schools, then her famous university, and then devoted his entire life to an unselfish, unstinted and distinguished service to his university and to his city. I like to feel that here at least we have an example of a prophet who has been recognized in his own country.

I can find, Mr. President, no better words to close my presentation than the following: In this portrait, so ably painted by the artist, Mr. Haupt, you have for future generations the presentment of a man whose life has been

devoted to the noble aim of upholding "the golden heresy of truth."

#### RECENT DEATHS

DR. CHARLES WALLIS EDMUNDS, professor of materia medica and therapeutics at the School of Medicine of the University of Michigan, died on March 1 at the age of sixty-eight years.

PROFESSOR ALBERT ROBERT ACHESON, head of the department of mechanical engineering in the College of Applied Science of Syracuse University, died on February 25. He was fifty-nine years old.

DR. ARTHUR ERICH HAAS, professor of physics at Notre Dame University, died on February 20 at the age of fifty-seven years.

DR. HENRY SELBY HELE-SHAW, emeritus professor of engineering at the University of Liverpool, died on February 3 at the age of eighty-six years. He was the first professor of engineering to hold the Harrison chair at University College, Liverpool. In 1905 he was appointed organizer of technical education in the Transvaal.

### SCIENTIFIC NOTES AND NEWS

THE Council of the Geological Society, London, has awarded the Wollaston Medal to Dr. Arthur L. Day, who retired in 1936 as director of the Geophysical Laboratory of the Carnegie Institution of Washington.

PRESIDENT RAY LYMAN WILBUR, who observed his twenty-fifth anniversary as president of Stanford University on January 19, will retire at the close of the present academic year. Dr. Wilbur became president of Stanford in 1916, having previously been professor of medicine and dean of the Medical School.

DR. E. A. BIRGE, formerly president of the University of Wisconsin, who is now 89 years old, has received a specially printed copy of a joint resolution extending to him the congratulations of the Wisconsin Legislature. The resolution was adopted unanimously by both senate and assembly. It reads: "WHEREAS, the University of Wisconsin's President Emeritus E. A. Birge was honored last fall by national scientists and Wisconsin friends on the occasion of his eighty-ninth birthday; and, WHEREAS, this grand old man, known to so many as 'Dean Birge,' became associated with the University of Wisconsin in 1875 as instructor of natural history, and has an outstanding record of public service through these sixty-six years, probably equaled by no other Wisconsin citizen; now, therefore, be it *Resolved* by the senate, the assembly concurring, that the Wisconsin Legislature pause in its deliberations to extend sincere congratulations and felicitations to Dean Birge for his long continued, distinguished services to the university and to the State of Wisconsin."

ON the occasion of the eightieth birthday on February 15 of Dr. Alfred North Whitehead, professor of philosophy emeritus of Harvard University, a celebration, at which he was the guest of honor, was held at the Faculty Club by friends and associates. A bound book containing a birthday greeting, signed by five hundred of his colleagues and former pupils reads:

"We who sign this greeting are your friends and students. No one can be your student without being your friend, or be your friend without learning from you unforgettable lessons of wisdom and kindness. During these dark days we think constantly of you, and derive courage from your high-mindedness and serenity. On this, your birthday, we join in sending to you and to Mrs. Whitehead the assurance of our devoted love."

THE retirement from active service is announced of Dr. N. H. Williams, since 1918 professor of physics at the University of Michigan. The retirement of Dr. H. M. Randall, also professor of physics and chairman of the department, has already been reported in *SCIENCE*.

DR. PAUL C. BUCY, assistant professor of neurosurgery at the University of Chicago, has been appointed associate professor of neurology and neurological surgery at the University of Illinois College of Medicine, Chicago. Dr. Bucy succeeded Dr. Percival Bailey as chief neurological surgeon at the University of Chicago when Dr. Bailey joined the staff of the University of Illinois in September, 1939. Both are now associated with Dr. Eric Oldberg, professor and head of the department of neurology and neurological surgery at the new Neuropsychiatric Institute which has just been completed for the University of Illinois at Chicago.

DR. R. A. GOODWIN, formerly of the North Dakota Agricultural College, has joined the department of physics of the Fort Hays Kansas State College.

JOHN DOUGLAS RYDER, of the Research and Development Laboratory of the Bailey Meter Company, Cleveland, Ohio, has been appointed assistant professor of electrical engineering at the Iowa State College.

DR. LUDWIG HEKTOEN, executive director of the National Advisory Cancer Council, was elected honorary