

changes, with special reference to the chemistry and physiology of lactation.

Two of three projected wings of the new laboratory building, costing \$100,000 each, are now completed. The building was designed by the University Department of Buildings and Grounds with Carl C. Tallman as consulting architect, and was constructed by the Federal Government on a site leased from the university.

FELLOWSHIPS OF THE E. I. DU PONT DE NEMOURS AND COMPANY

E. I. DU PONT DE NEMOURS AND COMPANY has awarded six postdoctorate fellowships for research in organic chemistry and twenty postgraduate fellowships for research in the field of chemistry for the academic year 1941-42. Twenty institutions will benefit. The postdoctorate fellowships are for \$2,000 each, and the postgraduate fellowships are for \$750 each.

The postdoctorate fellowships will be placed under the direction of R. T. Arnold, instructor, University of Minnesota; Paul Bartlett, assistant professor, Harvard University; Ralph Connor, assistant professor, University of Pennsylvania; R. C. Elderfield, assistant professor, Columbia University; C. B. Purves, assistant professor, Massachusetts Institute of Technology, and H. R. Snyder, instructor, University of Illinois. These men will succeed an equal number of faculty members who have held the grant in the past few years. This is in accord with the policy of rotating the grants so that especially meritorious younger instructors and professors may participate in the plan.

Appointments to the postgraduate fellowships will be made later in the academic year by the heads of the chemistry departments of the respective universities. The twenty institutions to which awards have been granted are:

The University of California, University of Chicago, Columbia University, Cornell University, Harvard University, University of Illinois, the Johns Hopkins University, Massachusetts Institute of Technology, University of Michigan, University of Minnesota, Northwestern University, Ohio State University, Pennsylvania State College, University of Pennsylvania, Princeton University, Purdue University, Stanford University, University of Virginia, University of Wisconsin and Yale University.

Fellowships for advanced work in chemistry were established by the du Pont Company in 1918, when there was a dearth of men adequately trained for chemical research. Through the fellowship plan, the company sought to prepare promising young men for a career in this phase of science. These grants, which with one interruption have been maintained since 1918, differ from the average industrial fellowship in that the selection of the beneficiary and the subject of research are left to the discretion of the university.

There is no actual or implied obligation as to future employment of the fellowship holder. The success of this plan is evinced by the fact that its beneficiaries have been widely employed.

Through the postdoctorate phase of the plan, the company provides funds with which gifted younger instructors and professors may carry on broad and difficult researches by employing highly qualified assistants. This assistance is intended not only to increase contributions to science, but also to perfect the technique of these men in teaching chemical research, thus enhancing their interest in remaining in the academic field. The company is mindful of its debt to university chemical faculties and desires its postdoctorate program to open larger avenues of service to promising younger teachers.

THE PAN AMERICAN CONGRESS OF OPHTHALMOLOGY

THE Pan American Congress of Ophthalmology was organized on a permanent basis at the meeting of the first congress, which was held in Cleveland, on October 11 and 12, under the auspices of the American Academy of Ophthalmology and Otolaryngology.

Dr. Harry S. Gradle, Chicago, was elected president of the congress. Drs. Conrad Berens, New York, and Moacyr E. Alvaro, São Paulo, Brazil, who served with Dr. Gradle as members of the committee that organized the initial meeting, were elected executive secretaries.

The following vice-presidents were elected: Drs. S. Hanford McKee, Montreal; Frank E. Brawley, Chicago; Edward Jackson, Denver; Tomas R. Yanes, Havana; A. Vasquez-Barriere, Montevideo, Uruguay; Jose Pereira Gomes, São Paulo, and Enrique Demaria, Buenos Aires.

There will also be a council, which is to be formed by one representative from each of the twenty-one American republics. The representative from each country is to be elected by the national ophthalmological society or societies, if such exist; if there is no such society, the government of the country will be asked to appoint a member of the council.

Montevideo was tentatively selected as the place of the next meeting, to be held in 1943.

Eighteen delegates representing governments, universities, hospitals and medical societies in Brazil, Chile, Costa Rica, Cuba, Colombia, Guatemala, Panama and Puerto Rico were present in Cleveland. An extensive program of scientific papers was presented, about equally divided between English, on the one hand, and Spanish and Portuguese on the other. English papers were discussed by Latin American speakers; those in Spanish or Portuguese by the English-speaking physicians.

The language difficulty was overcome successfully by the use of slides. Extensive summaries of the papers

were projected on the slides in Spanish or Portuguese for the English ones, or in English for those given in the other languages.

Earlier in the week the Latin American delegates were guests of the academy at its scientific sessions and at the annual banquet, where each was formally introduced. At the Pan American banquet held on October 11, the guests from Latin America expressed appreciation and enjoyment of the meeting. It was the general impression that the congress had brought about better understanding among the ophthalmologists of the Western Hemisphere. The Latin Americans were impressed by the meetings of ophthalmologists in this country and those of the United States were in turn impressed by the scientific ability and skill of the Latin Americans.

At the conclusion of the meeting the Latin Americans left to attend special clinics that were being held in their honor at some of the large ophthalmological centers of the East and Middle West.

THE NEW YORK MEETING OF THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

THE annual meeting of the American Society of Mechanical Engineers will open at the Hotel Astor, New York, on December 2, instead of at the Engineering Societies Building, the headquarters of the society, where previous meetings have been held. The sessions continue to December 6.

Registration, technical sessions and many social events, including luncheons and dinners, will be at the Hotel Astor, except as specifically noted in the official program.

There are 105 papers announced on the technical program to be read at forty-four sessions. Among the subjects to be treated are: Machine Line Production of Aircraft Materials, Elasticity and Vibration, Fuels, Machine Shop Practice, Work Standardization, Boiler Feedwater Studies, Applied Mechanics, Metals Engineering, Industrial Instruments, Mathe-

matical Statistics, Dust Collection, Power, Petroleum, Handling, Operations in Industrial Plants, Lubrication, Mechanical Springs, Rolling and Plasticity, Port and Terminal Handling, Industrial Marketing, Textile, Ammunition, Management, Safety, Fluid Meters, Training to Meet the National Emergency, Heat Transfer, Hydraulics, Rubber and Plastics, Dynamics of Vehicles, Railroad, Temperature and the Properties of Metals. There will be a symposium on Power in Ships on Thursday evening.

A memorial tablet to Dr. Calvin Winsor Rice, who was secretary of the society from 1906 until his death in 1934, will be unveiled on Monday at noon.

In conformity with usual practice, Wednesday evening will be set aside for the annual banquet at the Hotel Astor, at which Warren H. McBryde, president of the society, will make the principal address and other speakers of national reputation will be heard. Honorary memberships, medals and awards and fifty-year badges will be presented at the annual dinner. A number of other dinners and luncheons will be given during the course of the meeting.

There will be shown at the Astor the annual photographic exhibit of members of the society and other participants. In addition to photographs, there will be a display of photostats of automobiles of the eighteen-thirties, from the collection of Sidney Withington, electrical engineer of New Haven. A wide variety of illustrations, including many cartoons, relating to early self-propelled road vehicles of a century ago will be exhibited.

As usual inspection trips will be made to local plants of interest to mechanical engineers, including a visit to the largest passenger vessel built in a shipyard in the United States, the *S.S. America*. The new airport at North Beach and La Guardia Field will also be visited, as will the new Sixth Avenue Subway, the East River-Midtown tunnel and the 35-mile belt parkway. Trips to industrial and power plants covering a wide range of special interests are also being provided.

SCIENTIFIC NOTES AND NEWS

THE Hughes Medal of the Royal Society, London, has been awarded to Dr. Arthur H. Compton, Charles H. Swift distinguished service professor of physics at the University of Chicago.

THE George White Medal of the Massachusetts Horticultural Society has been awarded to Sir Arthur William Hill, since 1922 director of the Royal Botanical Gardens at Kew, England. The Jackson Dawson Memorial Medal has been awarded to G. G. Nearing, of Ridgewood, N. J., for his work with rhododendrons. Gold medals have been awarded to A. T. De La Mare,

New York publisher of *The Florists' Exchange*, and Arthur Herrington, manager of the New York Flower Show.

DR. CARL P. HUBER, associate professor of obstetrics at the School of Medicine at Indianapolis of Indiana University, has received the 1940 award of the Central Association of Obstetricians and Gynecologists for the best clinical essay. The title of the paper, which was prepared with the assistance of Dr. Jack C. Shrader, 1940 graduate of the Medical School and now an intern in the Indianapolis City Hospital, was "Blood Pro-