

Dr. Herbert Osborn, research professor emeritus of entomology, and the doctorate of science will be conferred on Dr. Ralph D. Mershon, engineer and inventor, New York City, and on Dr. Roy D. McClure, surgeon-in-chief at the Henry Ford Hospital, Detroit. In awarding the degree to Professor Osborn the faculty committee on honorary degrees writes:

Professor Osborn has been the most successful teacher in the world on economic entomology, as judged by the number and success of his students.

He has made this university known internationally as a center for this sort of training, and men have come to work with him from as far away as South Africa. His students are scattered over the globe, teaching and doing administrative and other work in South America, Japan, India, Australia, and Africa.

Born at Lafayette, Wis., Professor Osborn is a graduate of Iowa State College. He has honorary degrees from that school and from the University of Pittsburgh in recognition of his scientific achievements. While located in Iowa, he was a faculty member at the state college, entomologist at the experiment station, later state entomologist, and president of the Iowa Academy of Science.

Coming to Ohio in 1898 as a member of the university faculty, he also became director of the university's Lake Laboratory and director of the Ohio Biological Survey.

He has served as consulting entomologist for the Maine experiment station and for the Tropical Plant Research Foundation, he is a past vice-president of one of the sections of the American Association for the Advancement of Science, and was for 20 years editor of the *Annals of the Entomological Society of America*.

Professor Osborn is a past president of the Entomological Society of America, the Association of Economic Entomologists, the American Microscopical Society, the Ohio Academy of Science, the Society for the Promotion of Agricultural Science, and a member of numerous other groups.

He has written several books and nearly five hundred papers for scientific journals of the United States and Europe. Since 1933 he has held the rank of professor emeritus at Ohio State.

AWARD OF THE TWO HUNDRED AND FIFTY THOUSANDTH BAUSCH AND LOMB MICROSCOPE TO PROFESSOR NOVY

DURING the spring of this year the Bausch and Lomb Optical Company manufactured its 250,000th microscope, the culmination of sixty years of endeavor, the first completed microscope having been shown at the Philadelphia Centennial Exposition in 1876. Recognizing its debt to American scientific men and educators who have been so helpful in the development of its microscopes, the company decided to award this instrument to an American scientist who had made outstanding contributions to science through researches with the use of the microscope. The com-

pany asked the American Association for the Advancement of Science to name one who in their estimation deserved this distinction.

A committee chosen by the association agreed unanimously in selecting Dr. F. G. Novy, professor of bacteriology and chairman of the executive committee of the Medical School of the University of Michigan. The presentation of the award will be made by Edward Bausch, chairman of the board of directors of the Bausch and Lomb Company, at a complimentary luncheon given to members of the American Association at the Rochester meeting on June 18.

This occasion will be the fiftieth anniversary of Dr. Novy's graduation from the University of Michigan and his entrance into scientific work. During the past fifty years, Dr. Novy, as an investigator and as a teacher, has contributed liberally and significantly to the development of bacteriology. Following his graduation from the University of Michigan, he pursued graduate studies there until 1888, at which time he went to Berlin and spent a year studying in the laboratory of Robert Koch. He is one of the very few living Americans who have had this privilege. He then returned to the University of Michigan to introduce instruction in bacteriology for medical students, and to continue graduate studies, receiving the degrees D.Sc. and M.D. in 1890 and 1891.

Thus, with training in chemistry, medicine and bacteriology, Dr. Novy was exceptionally well prepared to carry out bacteriological investigations. Immediately, he was recognized for his studies concerning the chemistry of bacteria, ptomaines, leucomaines and nucleins. The etiology of diphtheria, yellow fever and plague also received his attention. He developed techniques for the cultivation of anaerobic bacteria and discovered new species of anaerobes. Public health problems received his constant attention, especially the use of antitoxins and the practice of disinfection. In many of his investigations, the microscope was used continually, for example, in the study of trypanosomes and hematozoa of birds, mosquito flagellates, relapsing fever spirochetes and Leishman-Donovan bodies.

During two generations, Dr. Novy has instructed and inspired thousands of medical students in bacteriology and public health.

This microscope which is to be presented to Dr. Novy embodies the very latest features of research microscope design. It is of the reversed type, the arm being in front of the instrument so as to give free access to the object, stage, objective, sub-stage and mirror, and thus offering greater convenience and comfort to the user. In order to provide extreme rigidity, the inclination joint has been eliminated. This general design was suggested by Dr. Lester W. Sharp, of Cornell University, and his associate, Dr. L.

F. Randolph, of the United States Department of Agriculture and Cornell University.

Following the presentation of the award at the

luncheon, Dr. Novy will give an address on "Some Results of Microscopic Research Which have been of Significance for Human Welfare."—*A Correspondent.*

SCIENTIFIC NOTES AND NEWS

THE retirement is announced of Dr. T. Wayland Vaughan, director of the Scripps Institution of Oceanography of the University of California. He will be succeeded by Dr. Harald Ulrik Sverdrup, Norwegian oceanographer and meteorologist, since 1928 research associate of the Carnegie Institution of Washington. Dr. Sverdrup has spent a number of years in the Arctic, having been a member of the Norwegian North Pole expeditions on the *Maud*, from 1917 to 1925.

DR. RICHARD GOLDSCHMIDT, formerly department head at the Kaiser Wilhelm Institute for Biology in Dahlem, Germany, has been appointed to a professorship in the department of zoology of the University of California. As has been noted in SCIENCE, Dr. Charles Atwood Kofoid, for many years head of the department, retires at the close of the present academic year.

DR. WILLIAM E. CASTLE, of Harvard University, has retired and will become professor emeritus in September. Dr. Castle was appointed instructor in zoology in 1897 and became professor in 1908.

THE retirement is announced of Dr. Edward R. Cary, professor of geodesy and road engineering at the Rensselaer Polytechnic Institute. He has been a member of the faculty for forty-eight years.

DR. CHARLES MURRAY, head of veterinary research at Iowa State College, has been appointed acting dean of the Division of Veterinary Medicine, thus filling the vacancy created by the death of Dean C. H. Stange.

DR. H. J. MULLER, who has been on leave of absence for the past four years, has resigned from the faculty of the University of Texas. He has spent the last three years with the Russian Academy of Science, now at Moscow, and plans to continue his work in that institution.

DR. PETER DEBYE, professor of experimental physics at the University of Leipzig, has been called to a professorship in the University of Berlin.

THE honorary degree of LL.D. of the University of St. Andrews will be conferred at the graduation ceremonial to be held in June on Dr. J. E. Littlewood, Rouse Ball professor of mathematics at the University of Cambridge, and on Dr. E. W. Reed, emeritus professor of physiology at University College, Dundee.

ON the occasion of the visit of the British Medical

Association to the University of Oxford the honorary doctorate of science will be conferred on Sir George Newman, formerly chief medical officer of the British Ministry of Health; on Sir Cuthbert Wallace, of the Radium Commission, president of the Royal College of Surgeons; on Sir Henry Dale, director of the British National Institute for Medical Research; on Sir Walter Langdon Brown, formerly regius professor of physic at the University of Cambridge; on Dr. Robert Hutchison, consulting physician, London; and on Dr. Charles Singer, professor of the history of medicine at the University of London.

THE Royal College of Physicians, London, has elected to fellowship Sir Frederick Banting, professor of medical research at the University of Toronto; Dr. Robert T. Leiper, Courtauld professor of helminthology at the University of London, and Dr. Havelock Ellis.

THE honorary degree of doctor of engineering was conferred on E. T. Stannard, president of the Kennebec Copper Corporation, and on Louis S. Cates, president of the Phelps Dodge Corporation and a vice-president of the American Institute of Mining and Metallurgical Engineers, at the fiftieth anniversary graduation exercises on June 4 of the Michigan College of Mining and Technology, Houghton. Mr. Stannard gave the commencement address.

THE Lamme Medal, presented each year during the commencement of the Ohio State University in recognition of achievement in engineering, has been awarded to Ervin G. Bailey, vice-president and director of the Babcock and Wilcox Company of New York, manufacturers of water-tube boilers.

THE Henry Laurence Gantt Gold Medal of the American Management Association has been awarded "for distinguished achievement in industrial management as a service to the community" to Morris E. Leeds, president of the Leeds and Northrup Company, Philadelphia, Pa. This medal has been given annually since 1929 by the Institute of Management, the research group of the association, to individuals selected by a committee of award, half of whom are appointed by the institute and half by the American Society of Mechanical Engineers. Last year the recipient was Arthur H. Young, vice-president in charge of industrial relations of the United States Steel Corporation. The presentation medal to Mr. Leeds was