

actor, a lover of music and the fine arts, a Scottish humorist and a conversationalist *summa cum laude*. Such a personality can not be defined or even known by any special learning; for research is simply one of his natural activities. We are happy to number him among the sons of Yale.

PRESIDENT ANGELL: In recognition of your striking accomplishments as an executive, your well-earned renown as an unofficial ambassador from Scotland to other lands less bonnie, including England, but primarily by reason of your brilliant and solid achievements as a chemist, Yale confers upon you the degree of doctor of science and admits you to all its rights and privileges.

George Hoyt Whipple

PROFESSOR PHELPS: Dr. Whipple was born in New Hampshire, took his B.A. at Yale in 1900, his doctor's degree at the Johns Hopkins Medical School and became a member of the faculty. Research professor in the University of California, his work attracted such attention that when the new medical school was established at Rochester he was called as director. He designed the buildings, selected the faculty and has brought the institution into deserved distinction. His own special field of research is pathological anatomy. His Puritan inheritance has been tempered by Baltimore, Charleston and California, so that he has lost its angularities without losing its grit.

PRESIDENT ANGELL: Because she wishes honorably to recognize your outstanding career in the field of your profession and to voice her confident expectation of further high service from you in your present responsible post, your alma mater confers upon you the degree of master of arts and admits you to all its rights and privileges.

William Buckhout Greeley

PROFESSOR PHELPS: A graduate of the University of California in 1901 and of the Yale School of Forestry in 1904, he is chief forester in the U. S. Forest Service. He was attached to the Corps of Engineers in the world war, serving in France two years. He was promoted to be lieutenant-colonel of the 20th Engineers and chief of the Forestry Section. He received the award of the Distinguished Service Medal of the U. S., the Legion of Honor of France and the Distinguished Service Order from Great Britain. His judgment of men is as good as his professional knowledge; it can never be said of him that he can not see the forest for the trees.

PRESIDENT ANGELL: Latest of the distinguished line of graduates of the Yale School of Forestry who have acted as chief forester of the United States, in recognition of your distinguished services to your profession and to your country, your alma mater desires to honor you by conferring upon you the degree of master of arts and admits you to all its rights and privileges.

GRANTS FOR SCIENTIFIC RESEARCH OF THE AMERICAN MEDICAL ASSOCIATION

THE Committee on Scientific Research of the American Medical Association has made grants for research which include the following:

Dr. Victor C. Jacobsen, professor of pathology in Albany Medical College, to study the effects on living tissues of high voltage cathode rays. (\$1,200.)

Mr. Charles V. Green, of the Michigan State College of Agriculture and Applied Science, to study the inheritance of hemophilia and color blindness in man. Mr. Green will work under the immediate direction of Dr. Charles B. Davenport. (\$750.)

Dr. W. H. Manwaring, Stanford University, California, to continue work on the physiological relationship of anaphylaxis to immunity, studied by means of blood transfusions and organ transplantations. (\$500.)

Dr. Arthur M. Yudkin, assistant clinical professor of ophthalmology, to be used in the section of ophthalmology at Yale University to investigate the chemical and physical composition of the intra-ocular fluids in experimental animals and also the changes which may take place as a result of cataract formation produced experimentally. (\$500.)

Dr. O. Larsell, of the University of Oregon Medical School, to aid in his research on the hemopoietic effects of nuclear extractives. The fund will be applied toward determining which ingredients of the nuclear material are responsible for the stimulation of blood formation which has been observed in experimental and human anemias. (\$500.)

Dr. Harold Cummins, associate professor of anatomy to Tulane University, who will be a guest worker for a part of the summer in the Carnegie Laboratory of Embryology, to study with the aid of the extensive material assembled in this laboratory, the history of the contours of the fetal hand and foot, with particular reference to individual variation and the correlated development of skin patterns.

Dr. J. Earl Else, of the Else Dudman Nelson Clinic of Portland, Oregon, to study the reconstruction of the lower end of the esophagus.

Roy L. Moodie, of Santa Monica, California, to enable him to prepare for publication the illustrations for a discussion of surgery in pre-Columbian Peru.

SCIENTIFIC NOTES AND NEWS

DR. VICTOR C. VAUGHAN, formerly dean of the Medical School of the University of Michigan, has been awarded the Kober Medal, given by the Association of American Physicians for distinguished work in preventive medicine and public health.

THE French Society of Electricians has presented its Mascart Medal to Sir Joseph Thomson.

DR. LUDWIG PRANDTL, director of the Kaiser Wil-