

sity administration, seventeen members of the library staff and five members of the business administration. The new schedule will not apply to services given in the summer session or in extension work.

Remarking that the action of the trustees was consistent with a liberal policy adopted as far back as 1875, President Butler said:

They have now, through their careful husbanding of the university's resources, and by reason of recent benefactions, been able to take action which will add greatly to the satisfaction and material rewards of academic service at Columbia University. It is greatly hoped that this action will set an example to be followed at other institutions to the well-deserved advantage and comfort of the great body of American scholars engaged in the world of university teaching and research.

AMERICAN MEDICAL ASSOCIATION GRANTS FOR RESEARCH

THE committee on scientific research of the American Medical Association has made a grant of \$250 to Dr. O. Larsell, of the University of Oregon Medical School, Portland, in aid of his studies on the hemopoietic effect of nuclear extractives.

Dr. A. A. Maximow, professor of anatomy at the University of Chicago, has received \$1,000 from the association for paying skilled technical help.

Dr. G. A. Talbert and his collaborators of the physiological department of the University of North Dakota have received a third grant of \$300 for continuing the research on the "Constituents Common to the Sweat, Urine and Blood."

A substantial grant has been made to the department of agricultural chemistry of the University of Wisconsin for a quantitative study of the distribution in foodstuffs of copper which, from recent researches in that department, is now known to supplement iron in the building of hemoglobin in the mammal.

SCIENTIFIC NOTES AND NEWS

DR. WILLIAM D. HARKINS, professor of chemistry at the University of Chicago, has been awarded the Willard Gibbs gold medal of the Chicago section of the American Chemical Society.

THE Louis Edward Levy medal of the Franklin Institute of Philadelphia has been awarded to Dr. Vannevar Bush, professor of electric power transmission at the Massachusetts Institute of Technology, for two papers on the Product Integrator, a mathematical instrument developed under Dr. Bush's direction. The medal will be presented at the annual medal day exercises of the Franklin Institute on May 16.

At the annual general meeting of the Institute of Chemistry, held on March 1, the Meldola medal for 1927 was presented to Dr. J. H. Quastel, fellow of Trinity College, Cambridge.

THE editors of the *Journal de Mathématiques* announce that the volumes for 1928 and 1929 will be dedicated to the eminent mathematicians Paul Appell and Émile Picard, as a tribute upon the occasion of their scientific jubilees. The edition will be limited, and the volumes will not be reprinted.

DR. WEBER, professor in the University of Geneva, presided over the Congress of the Anatomists' Association which opened on April 3 in Prague. The vice-president is Dr. J. P. Hill, professor of embryology in the University of London.

WALDEMAR KAEMPFERT, of New York, the editorial and scientific writer, has been appointed director of the Rosenwald Industrial Museum, Chicago.

PROFESSOR DR. C. RAMSAUER, director of the Physical Institute of the Technical High School of Dantzig, Germany, has been appointed head of the new research laboratory which the Allgemeine Elektrizitäts Gesellschaft is establishing in Berlin.

DR. GEORGE T. PACK, for five years professor and head of the department of pathology, University of Alabama School of Medicine, has accepted an appointment at the Memorial Hospital for Malignant Diseases, New York.

DR. B. YOUNGBLOOD has resigned as director of the Texas Agricultural Experiment Station, effective on April 30, to continue the development of the cotton utilization research program of the U. S. Bureau of Agricultural Economics. He is succeeded as director of the station by A. B. Conner, who has been connected with the Texas station since 1904, as agronomist, vice-director and acting director.

EDGAR S. ROSS, senior fellow at the Mellon Institute, has resigned to become manager of research and development for the Hadley Good Roads Company, of Philadelphia.

DR. GEORGE T. MOORE, director of the Missouri Botanical Garden, is making an extended trip abroad, during which he will visit the leading botanical gardens and experiment stations of Europe, as well as the principal bulb and orchid growers.

PROFESSOR AND MRS. T. D. A. COCKERELL have left Siam for Australia after conference with Dr. Kerr on the Siamese flora and with Dr. Hugh M. Smith on Siamese fishes.