Ramsperger had a wide acquaintance with a number of fields of physical and organic chemistry to which he made contributions. He was an investigator of great vigor, sense and insight, with interests in psychology and other sciences, and his loss is a deep personal one to many friends and colleagues.

RICHARD C. TOLMAN

PASADENA, CALIFORNIA

WILFRED WELDAY SCOTT

PROFESSOR WILFRED WELDAY SCOTT, who died on May 3 at the age of fifty-six years, received his college education at Ohio Wesleyan University, did his graduate work at that institution, at Cornell University, at Chicago University, and received his doctorate degree from the Colorado School of Mines.

After teaching for more than a decade in his chosen field in this country and abroad, he devoted the next decade of his life to practical research work in the chemical industries. With this rich background of contact with colleges, chemical laboratories and industrial plants, he returned to his major field of interest, college instruction and graduate research, as head of the department of chemistry at the University of Southern California. His was a most unusual experience—broad and varied, yet closely related. His preparation for his life work as a productive scholar and teacher of college students was both general and specialized. It involved both theory and practice; it included both philosophy and science.

College students are quick to discover evidences of productive scholarship in their teachers. They value highly instruction given by a recognized master of his field. In his laboratories, Professor Scott's students were conscious of the presence of a master mind. His understanding of the laws of chemistry and his command of the techniques of chemical analysis inspired his students to gain the knowledge and skills essential to the discovery of new processes that they too might push still farther out the frontiers of human knowledge in the field of applied chemistry.

Evidences of his mature scholarship, covering a period of more than two decades, are found on the shelves of all college libraries where are placed the products of his brain and pen;—each a comprehensive, scientific and scholarly treatment of an important field of human knowledge. The list includes:

Qualitative Chemical Analysis (1910)
Standard Methods of Chemical Analysis, 2 vols. (1917), 4th edition 1925
Technical Methods in Metallurgical Analysis (1923)
Inorganic Quantitative Chemical Analysis (1926)
Chemical Methods of Metallurgical Analysis (1927)
Elements of Qualitative Chemical Analysis (1930)
Essentials of Quantitative Chemical Analysis (1930)
A revision of one of his major works is now in the press (1932)

He was a member of the American Chemical Society, the American Association for the Advancement of Science, Phi Kappa Phi, Phi Beta Kappa, and several other scientific, scholarship, and professional organizations of national scope. Published reports of his scientific researches include the following: Fertilizers; Ferrous Sulphate Method for Determination of Nitrates; Volumetric Determination of Aluminum and Fluorine; Determination of Lead; Determination of Uranium in Carnotite; Catalyzers for Oxydation of Ammonia; Methods of Chemical and Metallurgical Analysis; Inorganic Quantitative Analysis; Qualitative Analysis.

Much as we value the memory of Professor Scott as an eminent scholar, as a nationally known scientific worker and as a master teacher, we who knew him well as a staff member and coworker on university committees value even more highly the fine human characteristics of the man. He was deeply and genuinely interested in the health and welfare of his fellow staff members. This interest was not affected, it was a natural and uncurbed expression of the great soul of the man who walked among us and worked with us. From the memories of many of his fellow workers will never be erased the recollections of his sincere expressions of deep interest in them. The society of scholars which is our university has a richer heritage because he lived, thought, wrought and taught among us.

FRANK C. TOUTON

UNIVERSITY OF SOUTHERN CALIFORNIA

RECENT DEATHS

DR. GRAHAM LUSK, who retired this year from the professorship of physiology in the Cornell University Medical College, New York City, died on July 18, at the age of sixty-six years.

DR. LOUIS WINSLOW AUSTIN, authority on physical measurements, radio transmission, and member of the staff of the Bureau of Standards, has died in Washington at the age of sixty-four years.

REGINALD AUBREY FESSENDEN, physicist and consulting engineer of the Submarine Signal Company, died in Bermuda on July 23. He was sixty-five years old.

DR. VAN HARTROG MANNING, consulting engineer, from 1915 to 1920 director of the U. S. Bureau of Mines, died on July 13, at the age of seventy years.

CHARLES WARREN HUNT, hydraulic engineer, secretary emeritus of the American Society of Civil Engineers, died on July 24 at the age of seventy-four years.