

DEATHS AMONG ACTUARIES ABROAD

ALF GULDBERG

ALF VICTOR EMANUEL GULDBERG was born on 17th March, 1866. He studied mathematics and science at the University of Oslo and continued his studies of mathematics in Germany and France for several years. From 1895 his teaching and scientific work were carried on at the Oslo University, where he was made a professor of mathematics in 1913. He died on 15th February, 1936.

Guldberg's scientific essays and more extensive works were numerous. During his youth he turned his particular attention to difference equations and differential equations. The majority of his works of later years belong to the fields of actuarial science and mathematical statistics. Here he achieved many important results, and was able *inter alia* to make rather successful applications of the theory of difference equations. Most of his papers in this field were printed in *Skandinavisk Aktuarie-tidskrift*.

The death of Guldberg deprived the actuarial profession in Norway of one of its most prominent representatives. He was a member of the Board of the "Norske Liv" Life Assurance Society from 1902 until his death. He was President of The Norwegian Society of Actuaries 1912–21, and during his term of office he initiated action towards introducing a regular actuarial examination at the Oslo University. He was the official delegate of the Society of Actuaries at several of the International Actuarial Congresses, and he also published reports in the *Proceedings* of the VIth, VIIth, IXth and Xth Congresses.

Through his remarkable straightforwardness and his friendly and charming manners Alf Guldberg made true friends, wherever he went, at home and abroad. They will sorely miss their kind-hearted colleague.

K. FAERDEN

E. A. HINTIKKA

IT is with great regret that we record the death, last February, of Dr Hintikka, who was known to many English actuaries. He was born in 1882 and having been a schoolmaster from 1905 to 1910 he studied at Göttingen and took his degree of Doctor of Philosophy in 1912. He then devoted himself to actuarial work, and in 1919 became actuary to the Suomi Life Assurance Company. It was largely owing to Hintikka's initiative that the Actuarial Society of Finland was founded in 1922 and he was successively its Secretary, Vice-President and finally from 1932

to 1934 its President. He was also the Editor for Finland of *Skandinavisk Aktuarietidskrift* from 1923 to 1929, and again from 1934 till his death. He was most friendly with the actuaries of other countries and was always anxious to co-operate with them.

P. G. LAURIN

ON 18th September last there died Dr P. G. Laurin, former President of the Royal Insurance Department, Stockholm. Born on 25th August, 1863, he qualified as D.Ph. at Lund in 1887, and became Reader in Mathematics at Gøteborg in 1890, which he continued until 1908. Meantime he was appointed Actuary of the Svea Office in 1904. To his important post in the Inspection Department he succeeded in 1908, and, during the period of twenty-two years until his retirement, took a most active part in the many far-reaching changes affecting all aspects of insurance in his country. Many difficult problems were solved with his co-operation. Mention may be made of the revision of the laws as to insurance reports, and the various legal regulations with practical adjustments to the new valuation bases of the life offices and laws affecting compulsory traffic insurance. He assisted the State War Insurance Commission during the war, and served on various committees regarding state pension insurance. He possessed a wealth of ideas, and pursued his avocation with enthusiasm. He was interested not only in private insurance, which it was his official duty to supervise, but devoted much time and contributed numerous suggestions in establishing national social insurance. His paper to the London Actuarial Congress on Social Insurance in Sweden summarises his views on the subject.