

OUTSTANDING SERVICE AWARD

FRANKLIN A. ROBERTS, P.ENG.



Franklin Roberts became registered with APEGM in 1974 and served as a member of Council in 1981 and 1982 and Vice-President in 1982. In 1983, Frank started the Safety in Engineering Practice Committee and he has served as its chairman since that time. Frank has also served as Chairman of the Admissions Review Board and Chairman of the Selection Committee for the Registrar and Executive Director.

Frank graduated from the University of Manitoba with a Bachelor of Science degree in Mechanical Engineering in 1971. He completed his Masters of Science degree from the U of M in 1973 taking courses from both the civil and mechanical departments and doing a thesis under Dr. John Shewchuk in metal fatigue, leading to publications in the ASME Journal.

Frank started his engineering career with the Lincoln Electric Company in 1974, where he was responsible for welding applications engineering. During this period Frank was engaged in welding research which led to publication of technical articles on the metallurgy and physics of solidification of weld metal and presentations to the Canadian Welding Society.

In 1980 Frank started F.A. Roberts & Associates Ltd. specializing in welding engineering, quality control, designs in structural steel, pressure vessels, tanks and large industrial structures for the pulp and paper and mining industries. In the manufacturing industry the firm has taken on a wide variety of designs including cold formed steel structures, trailer designs and even bio-medical applications. Some notable projects include design of the apparatus and planning the lifts for removal and re-installation of the Golden Boy from the Legislative Building and the first designs of the motion systems for Inter-Operative Magnetic Resonance Imaging for neuro-surgery where Frank is one of the original patent holders. The wide variety of experience has also brought Frank into a number of forensic investigations and has led him to become registered in provincial and territorial associations from coast to coast.

In addition to service with APEGM, Frank has served on the Board of Directors of the Canadian Welding Bureau since 1998, holding positions as Chairman of the Advisory Board for the Gooderham Center for Industrial Learning, Chairman of the Risk Management Committee and Vice-Chairman of the Corporate Governance and Nominating Committee.

Frank has served with his home church, Elim Chapel, on various committees and chaired the committee responsible for the design and construction of the Elim Place building. This building was completed in 2002 after a fire had destroyed the original ministries building. Frank, through his consulting firm, has also provided service to churches of various denominations acting as a resource on facilities.

The Association of Professional Engineers and Geoscientists of Manitoba is pleased to confer on Franklin Roberts the Outstanding Service Award in recognition of his commitment to the Association, the profession and the public.