

Resume for M. Gary Faulkner, Ph.D., P.Eng.



Dr. Faulkner is a professor in the Department of Mechanical Engineering at the University of Alberta. For over 30 years, Dr. Faulkner has also acted as a consultant to numerous industrial, legal and government groups. This work includes:

- Expert opinion concerning motor vehicle accident reconstruction
- Failure analysis in mechanical systems
- Noise and vibration impact assessment, and design for noise and vibration control
- Appearance as expert in criminal and civil actions as well as before Boards, Councils and Public Meetings
- Development and delivery of specialized short courses in noise and vibration assessment and control.

EDUCATION

Ph.D 1969 University of California, Berkeley, USA
M.Sc. 1966 University of Alberta, Alberta, Canada
B.Sc. 1963 University of Alberta, Alberta, Canada (with distinction)

PROFESSIONAL EXPERIENCE

Professor , Dept. of Mech. Eng. University of Alberta	1977 – present
Associate Professor , Dept. of Mech. Eng. University of Alberta	1972 – 1977
Assistant Professor , Dept. of Mech. Eng. University of Alberta	1969 – 1972

In his time at the UofA, Dr. Faulkner has taught several courses on acoustics, vibration, mechanical measurements, statics, and dynamics as well as supervised many graduate students and held the position of Department Chair. Dr. Faulkner has published over 100 technical articles on various aspects of mechanics including static and dynamic analysis of solid structures, biomechanics, and noise control. He has received numerous awards for teaching excellence as well as for his involvement in professional and technical organizations.

PROFESSIONAL AND TECHNICAL ASSOCIATIONS

- P.Eng., Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA)
- Canadian Society for Mechanical Engineers
- Canadian Acoustical Association
- Society of Automotive Engineers