

PETER R. THOM AND ASSOCIATES INC.  
AUTOMOTIVE CONSULTING AND ENGINEERING  
CORPORATE OFFICE • 304 VILLAGE SQUARE, ORINDA, CALIFORNIA 94563  
[800] 874-1664 • [925] 254-1664 • [WWW.PRTASSOC.COM](http://WWW.PRTASSOC.COM) • FAX [925] 254-1650

NEVILLE J. HOGAN, Ph.D., ASSOCIATE

EXPERIENCE

- Peter R. Thom and Associates Inc., 1996 – Present.
- Massachusetts Institute of Technology, 1978-present. Currently Director of Newman Laboratory for Biomechanics and Human Rehabilitation and Professor of Mechanical Engineering and Brain and Cognitive Sciences. Responsible for teaching physical system dynamics and control, mechanical design and quantitative physiology.
- Product Design Engineer, Donnelly Mirrors, Ltd., Nass, Ireland, 1977-1978.

EDUCATION

- Massachusetts Institute of Technology, Ph.D. Mechanical Engineering, 1977.
- Massachusetts Institute of Technology, Mechanical Engineer Degree, 1976.
- Massachusetts Institute of Technology, M.Sc. Mechanical Engineering, 1973.
- College of Technology, Dublin, Ireland, B.Sc., Mechanical Engineering, 1970.

ACTIVITIES

- Researcher in Impedance Control; Robotics; Biomechanics and Neural Control of Movement; Human Rehabilitation; Haptic Perception.
- Author and co-author of numerous publications on impedance control, biomechanics and neural control of movement, and physical system modeling.
- Scientific peer reviewer for various scientific journals including: Journal of Biomechanics, Journal of Motor Behavior, Journal of Neuroscience, IEEE Transactions on Biomedical Engineering and others.
- American Society of Mechanical Engineers, Society for Neuroscience, and American Association for the Advancement of Science.

AWARDS

- T.R.W. Foundation Faculty Fellowship in Mechanical Engineering.
- Whitaker Health Sciences Fund Faculty Fellowship.

Neville J. Hogan, Ph.D.