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JOHN DWIGHT GARMAN, Ph.D., ASSOCIATE

### EXPERIENCE

- Peter R. Thom and Associates Inc., Accident Reconstruction and Failure Analysis, 1995 – Present.
- University of California, Irvine, CA, Staff Scientist, Mechanical and Aerospace Department, 2007 – Present.
- Opto\_Knowledge Systems, Inc., Torrance, CA, Staff Scientist, 2002 – 2007
- Orqis Medical, Lake Forest, CA, Senior Research Scientist, 1999 – 2001.
- Lumentyte International Corporation, Foothill Ranch, CA, Senior Scientist, 1998 – 1999.
- Rice Systems, Inc., Irvine, CA, Research Scientist, 1996 – 1998.
- Sandia National Laboratories, Livermore, CA, Visiting Scientist, 1994.
- University of California, Irvine, CA, Research Assistant and Teaching Assistant, 1992 – 1995.
- ISC Defense Systems, Columbia, PA, Mechanical Engineering Technician, 1989.
- Perry Scott Volkswagen/Lincoln Mercury/Merkur, Ephrata, PA, Mechanic, 1986 – 1987.

### EDUCATION

- University of California, Irvine, Ph.D. Mechanical and Aerospace Engineering, 1996.
- Pennsylvania State University, B.S. Mechanical Engineering, 1991.

### HONORS, AWARDS, AND ACTIVITIES

- Member of American Society of Mechanical Engineers
- Member of Society of Automotive Engineers
- Member of Optical Society of America
- Publications: one of the co-authors of: "Characterization of a Small Engine Dynamometer" published by the Western States Section of the Combustion Institute, University of Southern California, 2008.
- Holds several US Patents issued between 2003 – 2011.

John Dwight Garman, Ph.D.