

ROGER L. BRAUER, Ph.D., PE
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Bio - March 7, 2015

Education

- 1965 Bachelor of Science in Mechanical Engineering, Valparaiso University
- 1965 Bachelor of Arts (Psychology), Valparaiso University
- 1967 Master of Science (Safety Engineering), Mechanical and Industrial Engineering Dept., University of Illinois at Urbana-Champaign
- 1972 Doctor of Philosophy (Ergonomics), Mechanical and Industrial Engineering Dept., University of Illinois at Urbana-Champaign

Licenses and Certifications

- 1980-Present Professional Engineer, Illinois and Wisconsin
- 1982-2010 Certified Safety Professional
- 1993-2009 Certified Professional Ergonomist

Patents

- 4,352,322 Prefabricated Vehicle Maintenance Apparatus
- 5,256,908 Facility Space Data Logging Device

Positions

- 1965-1972 Boeing - Seattle, WA (727 Control Cabin, Manned Spacecraft & 747 Product Development)
Borg-Warner Research Laboratory, Des Plaines, IL (Human Environments)
Bell Aerosystems, Niagara Falls, NY (Human Factors Department)
- 1972-1990 U.S. Army Construction Engineering Research Laboratory, Champaign, IL - Principal Investigator and Team Leader
- 1978-1998 University of Illinois at Urbana-Champaign, Mech. and Industrial Engineering. Department, Adjunct Professor
- 1990-1995 Board of Certified Safety Professionals, Savoy, IL Technical Director
- 1996-2009 Board of Certified Safety Professionals, Executive Director
Council on Certification of Health, Environmental and Safety Technologists, Executive Director

Volunteer Services

- American Society of Safety Engineers - VP Professional Development, Administrator of Engineering Division, Chair- National Academic Accreditation Program, service on various National Committees
- American Board for Occupational Health Nurses - Public Director (**current**)
- Accreditation Board for Engineering and Technology - Board of Directors
- Board of Certified Safety Professionals - Director and held all offices
- American National Standards Institute - Personnel Certification Assessor
- National Organization for Competency Assurance - Instructor: Pre-conference Workshop, Conference Program Committee
- Institute for Credentialing Excellence - Served on Education Committee, TAG3 Accreditation Standards Revision Committee, and Certificate Program Committee.
- Village of Tolono, IL - Chair, Planning Commission
- St. Paul's Lutheran Church, Sadorus, IL - Several offices, including President

Writings and Presentations

- Numerous official reports, articles and presentations - nationally and internationally
- Books authored - Eight including: *Safety and Health for Engineers*, Second Edition, John Wiley & Sons, and a self-published book: *Exceptional Certification*.
- Book chapters authored for eight books

Major Awards

- 1984 Researcher of the Year - Construction Engineering Research Laboratory
- 1985 & 1995 Albert Culbertson Award - American Society of Safety Engineers
- 2003 68th Inductee - Safety and Health Hall of Fame International
- 2004 Fellow - American Society of Safety Engineers
- 2012 First recipient, Roger Brauer Lifetime Achievement Award, Board of Certified Safety Professionals