

CURRICULUM VITAE
Elizabeth A. Jensen, Ph.D. P.E. C.S.P.
ACS Engineering & Safety, LLC

EDUCATION

Ph.D. Space Physics, University of California, Los Angeles.
M.S. Earth and Space Science, University of California, Los Angeles.
S.M. Geosystems, Massachusetts Institute of Technology.
B.S. Geophysics (University Honors), Texas A&M University.

SELECTED PUBLICATIONS & PRESENTATIONS

Jensen, E.A. and E.J. Jensen (2021), "Operator's Manual Inspection for the Safety Professional", Professional Safety Journal, ISSN 0099 0027, November, pages 22-25.
Jensen, E.A. (2021), "Forklift Safety", University of Houston Systems Safety Management Invited Talk, October 15th
Jensen, E.A. (2021), "Forensic Engineering in the Houston Area", MIT Club of South Texas Invited Talk, April 13th
Jensen, E.A. (2021), "Safety First", Houston Chronicle Opinion Letters, February 8th , page A13.

QUALIFICATIONS & CURRENT TRAINING

Fire Origin & Cause	Fire Protection Engineering	Scaffolding "Competent Person"
Electrical Fires	Image Analysis	Aerial and Scissor Lifts
Physics of Accidents	Spectroscopy	NFPA 921 & 1033 Updates
Computer Modeling	Workplace Safety	NFPA Means of Egress

CERTIFICATIONS AND ORGANIZATIONS

Licensed Professional Engineer in Texas, Fire Protection Engineering. License #110000.
Certified Safety Professional, Board of Certified Safety Professionals. License #CSP-34348
OSHA Authorized Outreach Trainer for Construction & General Industry
Certified Forklift Operator, 3k-30k lbs. CLASS 1 to 7
American Society of Safety Engineers (ASSP)
International Association of Arson Investigators (IAAI)
National Fire Protection Association (NFPA)
American Astronomical Society (AAS)
American Radio Relay League (ARRL), General Operator, Call Sign KG5BSQ

EXPERIENCE

2007-Present	President, ACS Engineering & Safety
2010-Present	Associate Research Scientist, Planetary Science Institute Experience includes leading instrument development for NASA/GSFC, writing manuals & procedures for experiments, and overseeing the safety of students working in the NASA/JSC High Velocity Impacts Lab
2007	Postdoctoral Scholar, University of California, San Diego
1999-2007	Research Assistant, University of California, Los Angeles
1996-1997	Data Analyst, NASA Johnson Space Center
1994	Emergency Medical Technician Basic, Texas A&M University
1993	Certified Fire Fighter, Recruit Fire Training Academy, Texas Engineering Extension Service
1992-1993	Volunteer Fire Fighter, Spring Volunteer Fire Department