

## CURRICULUM VITAE

Elizabeth A. Jensen, Ph.D. P.E. C.S.P.

**ACS Engineering & Safety, Ltd.**

### 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.

### COURSE WORK

NASA Physics of Failures, NASA Computer Security, IAAI Basic & Advanced Electrical Fire Training, Traffic Accident Investigation & Reconstruction, Society of Fire Protection Engineers Professional Engineering, various spacecraft image processing trainings, Planetary Data System Data Management, National Radio Astronomy Observatory Radio Science, NASA System Engineering, OSHA General Industry 30 Hours, NASA Statistics of Failures, NASA Accident Precursor Analysis, Community Coordinated Modeling Center user training.

### QUALIFICATIONS

Fire Origin & Cause  
Electrical Fires  
Physics of Accidents  
Computer Modeling  
Fire Protection Engineering  
Image Analysis  
Spectroscopy  
Workplace Safety

### 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  
International Association of Arson Investigators (IAAI)  
National Fire Protection Association (NFPA)  
American Astronomical Society (AAS)  
American Society of Safety Engineers (ASSE)

### EXPERIENCE

2007-Present	Physicist, Engineer, & Safety Professional, ACS Engineering & Safety, Ltd
2010-Present	Associate Research Scientist, Planetary Science Institute
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