Stephen Smith

MA

Senior Consultant

Mr. Stephen Smith is a Senior Consultant for Engineering Systems Inc. (ESi) in the Ann Arbor, Michigan office. He holds a BA degree in History from Texas A&M University, an MA from the University of Michigan, and has completed all coursework towards a PhD at the University of Michigan. He assists on litigation and proactive consulting matters, specifically related to product liability, occupational safety, transportation and construction safety, recreational product safety, industrial and consumer health and safety, time and motion studies, video analyses, and development of warnings and instructions. He has extensive experience in conducting research related to warnings, transportation, and organizational safety, engineering standards, statutes, and codes, as well as best practices/standards of care.

Education

PhD Candidate, History, University of Michigan. Ann Arbor, MI (ABD)

MA, History, University of Michigan. Ann Arbor, MI, 2008

BA, History, Texas A&M University, College Station, TX, 2004

Languages

- English

Positions Held

Engineering Systems Inc., Ann Arbor, Michigan

- Senior Consultant, 2026-Present

Rimkus

- Associate Consultant, 2021-2026

Applied Safety and Ergonomics, Inc.

- Managing Consultant, 2008-2021

Continuing Education

- **30-Hour General Industry Safety Course** – Occupational Health and Safety Administration (OSHA), 2022

Contact Information

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ESi Ann Arbor

1174 Oak Valley Drive

Ann Arbor, MI 48108

Areas of Specialization

- Product Liability & Safety
- Industrial & Occupational Safety
- Transportation Safety
- Construction Safety
- Forensic Time & Motion Study
- Video Analysis
- Warnings & Instructions
- Chemical Hazard Communication
- Human Factors
- Slips, Trips, & Falls
- Recreational Products

- **10-Hour Construction Safety Course** – Occupational Health and Safety Administration (OSHA), 2018
- **ATV Rider Course** – Specialty Vehicle Institute of America/ATV Safety Institute, 2010

Project Experience

- Assisted in the design and execution of dozens large-scale forensic time and motion study for wage & hour class action litigation to determine the time required for workers to complete required pre- and post-shift work activities
- Measured walking path to assess the time required for employees to walk between workstations
- Conducted analysis of testimony, witness statements, and document production in dozens of occupational safety cases involving a variety of industrial and occupational settings and equipment, including; ladders, mobile equipment, conveyors, presses, cranes, and oil & gas production equipment
- Assisted in the review and analysis of depositions, incident reports, surveillance video, and opposing expert reports to develop case opinions in dozens of slip, trip, and fall cases in a variety of environments, including; retail, marine, commercial, industrial, and municipal settings
- Conducted “state of the industry” benchmarking of product warnings and instructions for consumer products as part of the development of warnings and instructions
- Researched regulatory requirements for commercial vehicle conspicuity markings to assess incident vehicle compliance
- Conducted sight line analysis on earth moving equipment in the context of litigation regarding back over incidents
- Assisted in human factors analyses of boating, recreational vehicle, and automotive accidents