

Lisa M. Fodale, M.S.

Specialized Professional Competences

- Airbag sensing system design, development, deployment strategy, integration, testing, and analysis for impacts and rollover.
- Electronic control module, airbag control module, and airbag design, development, and integration.
- Event data recorders (EDRs) design, development, and interpretation.
- OEM and supplier working relationships and processes in vehicle design, development, and integration.
- Emerging technology evaluation and introduction into vehicles.
- Vehicle safety and wiring systems development.

Professional Qualifications

- Master of Science, Electrical Engineering, Oakland University, 1994
- Bachelor of Science, Electrical Engineering, The Ohio State University, 1992
- Dynamic Analysis Group LLC, Principal Engineer – 2024 to Present
- FCA US LLC/Chrysler LLC
 - Senior Manager/Director, Product Analysis – 2023 to 2024
 - Manager, Product Analysis – 2021 to 2023
 - Senior Specialist, Product Analysis – 2007 to 2021
- DaimlerChrysler Corporation
 - Manager, Early Warning Group – 2005 to 2007
 - Senior Manager, Core Restraints Systems – 2002 to 2005
 - Manager, Truck Restraints and Steering Controls - 2002
 - Senior Specialist, Passive Safety Electronics Center of Competence – 2001 to 2002
 - Specialist, Minivan/Passive Safety Electronics Center of Competence – 1998 to 2001
- Chrysler Corporation
 - Product Engineer, Minivan Electronics – 1994 to 1998
 - Engineer, Chrysler Institute of Engineering – 1992 to 1994
- United States Patents
 - Selector Switch Circuit for Disabling an Airbag, U.S. Patent No. 6040637
 - Airbag Deployment Device and Control, U.S. Patent No. 6168197
- Memberships: Society of Automotive Engineers (SAE), SAE Event Data Recorder Committee
- Honors and Awards: SAE 2022 Top Contributor Class and 2014 James M. Crawford Technical Standards Board Outstanding Achievement Award, Society of Women Engineers (SWE) - Detroit 1999 Technical Award