



## **LAUREL PEDERSEN**

### **Specialized Professional Competence**

Computer simulation and analysis of vehicle and human dynamics, occupant kinematics, and biomechanics of human injury. Motor vehicle and industrial equipment accident reconstruction. Design, testing, and failure analysis of mechanical systems and components. Static and dynamic experimental test design and analysis. Data acquisition and analysis.

### **Background and Professional Honors**

B.S. (Mechanical Engineering), University of California, Davis

Engineer,

Talas Engineering, Inc.

Lead Applications Engineer,

Lin Engineering

Applications Engineer,

Lin Engineering

Student Assistant,

Engineering Fabrication Laboratory, UC Davis

EIT Certificate No. 153144, California

### **Memberships**

Member, American Society of Mechanical Engineers

Member, Society of Automotive Engineers

### **Awards**

MAE Service Award for Contributions to the UC Davis Engineering Fabrication Laboratory