



CURRICULUM VITAE

P. MARK PARTAIN

ENGINEER

mark@engininst.org

AREAS OF EXPERTISE

- Accident Reconstruction
- Industrial Engineering

PROFESSIONAL EDUCATION

M.S., Industrial Engineering, University of Arkansas, Fayetteville, Arkansas. May 1993

B.S., Industrial Engineering, University of Arkansas, Fayetteville, Arkansas. May 1991

PROFESSIONAL EXPERIENCE

2000-Present	Project Manager/Engineer, Ei Consultants, LLC., (formerly known as The Engineering Institute, Fayetteville, Arkansas.
1998-2000	Process Engineering Manager, Baldwin Piano and Organ Company, Trumann, Arkansas
1997-1998	Industrial Engineer, Baldwin Piano and Organ Company, Conway, Arkansas
1995-1997	Industrial Engineer, Philips Lighting Company, Little Rock, Arkansas.
1993-1995	Industrial Engineer, Hoffinger Industries Inc., West Helena, Arkansas.

LICENSES & CERTIFICATES

Arkansas Engineer Intern #4780

PUBLICATIONS

Thorbole, Chandrashekhar K., D. A. Renfroe, S. B. Andrews, M. M. Partain, and D.S. Tanwar. "Possibility of a Hyperflexion Neck Injury in a Rear Impact Accident for a Rear Middle Seat Passenger." ASME International Mechanical Engineering Congress. Vancouver, British Columbia, Canada, November 12-18, 2010. IMECE 2010-37669.

Andrews, Stanley B. , P. M. Partain, D. A. Renfroe, and M. Gilbert. "A Comparison of Computer Modeling to Actual Data and Video of a Staged Rollover Collision." ESV Conference. Stuttgart, Germany, June 2009. Paper No. 09-0346.

Semones, Paul T., S. Andrews, M. Partain, C. Guthrie, and S. A. Batzer. "Angular Velocity Analysis of SUV Rollover Collisions Using PC-Crash." European Association for Accident Research and Analysis Conference. Krakow, Poland, November 10, 2007.

Roberts, Hugh A., M. Partain, S. A. Batzer, and D. A. Renfroe. "Failure Analysis of Seat-Belt Buckle Inertial Release." Second International Conference on Engineering Failure Analysis (ICEFA-II). Toronto, Canada, September 12-15, 2006 and Engineering Failure Analysis Vol. 14. Issue 6 (2007): 1135-1143.



Renfro, David A., S. B. Andrews, M. Martin, and M. Partain. "Combining PC-Crash and MADYMO for Reconstruction and Occupant Motion During Rollover Crashes." EVU Conference Invited Presentation. Bratislava, Slovakia, October 22, 2005.

Renfro, David A., H. A. Roberts, M. Partain, S. B. Andrews, and J. F. Partain. "Effects of Suspension Tuning on Off-Road Vehicle Operating Speeds Over Wavy Terrain and Occupant Endurance." International Off-Highway Congress, CONEXPO-CON/AGG. Las Vegas, Nevada, March 19-23, 2003. Paper No. 2002-01-1444.

PROFESSIONAL ACTIVITIES & HONORS

Society of Automotive Engineers Member
Institute of Industrial Engineers Member

2000	PC Crash and PC Rect Training Workshop
2000	PC Crash Advanced Training Workshop
2001	Collision Odyssey
2002	SAE TOPTEC - Passenger Vehicle Rollover
2007	SAE Seminar: Vehicle Accident Reconstruction Methods
2011	Advanced PC-Crash Training
2013	ARAS 360 HD Training
2013	Nikon Nivo Training through ARAS
2013	PC Crash online webinar
2014	CDR Summit, Houston, TX

NOT YET RETAINED