

CURRICULUM VITAE

# BRUCE A. CURRIE, P.E.

TIRE CONSULTANT  
bcurrie@enginist.org

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## AREAS OF EXPERTISE

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- Radial and Bias Tire Design, Development, Testing and Analysis
- Failure Analysis of Radial and Bias Passenger Car, Light Truck, SUV, Medium Truck and Motorcycle Tires
- Failure Analysis of Inner Tubes, Curing Envelopes and Tire Valves
- Radial and Bias Tire Manufacturing

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## PROFESSIONAL EDUCATION

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M.S., Engineering, GMI Engineering & Management Institute, Flint, Michigan, September 1995

MBA, Business Administration, East Texas State University, Texarkana, Texas, December 1976

B.S., Chemical Engineering, University of Cincinnati, Cincinnati, Ohio, June 1971

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## PROFESSIONAL EXPERIENCE

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| 2013 – Present | Consultant, EI Consultants, LLC., Farmington, Arkansas   |
| 2005 – Present | Currie Engineering, LLC, Findlay, Ohio<br>Technical and Forensic Consultant  |
| 1978-2004      | Cooper Tire & Rubber Company, Findlay, Ohio<br>Senior Manager, Technical Relations<br>Senior Manager, Technical Standards<br>Manager, Technical Standards<br>Manager, Inner Tube & Curing Bladder Development & Systems Engineer<br>Systems Engineer<br>Manager, Truck Tire Development & Engineering<br>Manager, Radial Truck Tire Development<br>Supervisor, Radial Passenger Tire Development |
| 1974-1976      | Cooper Tire & Rubber Company, Texarkana, Texas<br>Tire Construction Manager<br>Radial Technical Manager<br>Radial Tire Production Engineer   |
| 1970-1974      | Cooper Tire & Rubber Company, Findlay, Ohio<br>Radial Tire Development Engineer<br>Project Engineer<br>Project Engineering Co-op   |

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## LICENSES & CERTIFICATES

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Ohio Professional Engineer #45357



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## **PUBLICATIONS**

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Currie, Bruce A.” How Oxygen Affects the Integrity of Tire Compounds, the Work Being Done to Test for This Degradation and the Consequences on Tire Durability.” Hazardous Information Foundation, Inc. Houston, Texas. August 13, 2010.

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## **PROFESSIONAL DEVELOPMENT**

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2004	Design for Six Sigma (DFSS)
2002	Motor Vehicle Accident Reconstruction
2002	Managing and Leading the Cooper Way
2002	Strategies for Developing Effective Presentation Skills
2001	Advanced Rubber Technology Correspondence Course
2001	Intermediate Rubber Technology Correspondence Course

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## **PATENTS, COPYRIGHTS, STANDARDS, RESEARCH**

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U.S. Patent No. 7,114,935 B2: Curing Envelope for and Method of Retreading Tires  
Inventors: Bruce A. Currie and Mark Thomas Date: October 3, 2006

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## **PROFESSIONAL ACTIVITIES & HONORS**

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2003	Member, Tire Society
2001-Present	Member, American Chemical Society – Rubber Division
1999-Present	Member, American Society for Testing and Materials
1981-Present	Member, Society of Automotive Engineers
1980-Present	Member, National Society of Professional Engineers
1999-2003	Affiliated, Rubber Manufacturers Association
1996-2007	Member, Society of Manufacturing Engineers
1982-2006	Affiliated, Tire and Rim Association

NOT YET OBTAINED