

Traci Campbell, P.E.



Education/Training

Florida State University:
B.S. in Industrial Engineering

State of Florida P.E.:
No. 63873

State of Alabama P.E.:
No. 28799-E

State of Georgia P.E.:
No. PE032296

State of South Carolina P.E.:
No. 28337

OSHA — Occupational Safety and Health Training:
General Industry Safety and Health Course
Workplace Safety and OSHA Compliance

Northwestern University Traffic Institute:
Traffic Accident Reconstruction Course

Truck Safety Inspection Program, Safety Management Council:
Florida/Georgia Trucking Association

Collision Safety Institute, Inc:
Analysis of Collision Involving Pedestrian or Bicyclists Course

Human Factors/Work Measurements/Methods Engineering

Ergonomics

Manufacturing Processes

Industrial Automation

Materials Science

Specialties

Industrial Accidents

Safety Analysis

Product Design/Failure Analysis

Slip, Trip, & Fall

Guarding/Warnings

Workplace Safety

Bicycles

OSHA Regulations

Pedestrian Accidents

Automobile Accidents

Tractor/Trailer Accidents

Theme Parks

Airbag & Black Box

General Engineering



BEC CONSULTING, LLC

3660 Hartsfield Rd.
Tallahassee, FL 32303

850-558-3100 ext. 133

tcampbell@beconsult.com

Accident Reconstruction

Curriculum Vitae

Traci K. Campbell, P.E., Consulting Engineer

(850) 558-3133 · TCampbell@becconsult.com

Industrial engineer with specialties in industrial accident reconstruction, including forklifts, construction machinery, appliances, and manufacturing equipment. Experience includes vehicular accident reconstruction involving automobiles, trucks, tractor-trailers, and recreational vehicles, as well as slip, trip, and fall analysis, product failure analysis, and workplace-safety related issues.

EDUCATION

1993 **Bachelor of Science in Industrial Engineering**
Florida State University

PROFESSIONAL EXPERIENCE

2001 to present **BEC Consulting, LLC, Tallahassee, FL**
(Formerly Benedict Engineering Company, Tallahassee, FL)
Senior Consulting Engineer

1999 to 2001 **General Motors Corporation, Warren, MI**
Senior Industrial Engineer

1998 to 1999 **General Motors Corporation, Shanghai, China**
Lean Manufacturing International Service Assignment

1996 to 1998 **General Motors Corporation, Atlanta, GA**
Industrial Engineer

1993 to 1996 **Stanadyne Automotive Corp., Tallahassee, FL**
Industrial Engineer/Buyer

LICENSES, REGISTRATIONS, and CERTIFICATIONS

| | |
|--------------|---|
| No. 63873 | State of Florida Professional Engineer |
| No. PE032296 | State of Georgia Professional Engineer |
| No. 28799-E | State of Alabama Professional Engineer |
| No. 28337 | State of South Carolina Professional Engineer |
| | Certified Counter Balanced Forklift Operator |

PROFESSIONAL ASSOCIATIONS and AWARDS

- American Society of Safety Engineers (ASSE)
- American Society for Testing and Materials (ASTM)
 - E30 Committee - Forensic Sciences
 - E30.02 Questioned Documents
 - E30.11 Interdisciplinary Forensic Science Standards
 - E30.12 Digital and Multimedia Evidence
 - E30.92 Terminology
 - E34 Committee - Occupational Health and Safety
 - E34.01 Terminology
 - E34.30 Occupational Health and Safety in Construction
 - E34.40 Hazard Communication
 - E34.55 Occupational Safety and Health Performance Improvement
 - E35.85 Ergonomics
 - F08 Committee - Sports Equipment and Facilities
 - F08.80 Common Terminology, Methods and Laboratory Practices
 - F13 Committee - Safety and Traction for Footwear
 - F13.10 Traction
 - F13.30 Footwear
 - F13.40 Research
 - F13.50 Walkway Surfaces
 - F13.91 Editorial and Terminology
 - F15 Consumer Products
 - F15.03 Safety Standards for Bathtub and Shower Structures
 - F15.09 Home Playground Equipment
 - F15.22 Toy Safety
 - F15.29 Playground Equipment for Public Use
 - F15.44 Play Equipment for Children Under Two
 - F24 Committee - Amusement Rides and Devices
 - F24.20 Specifications and Terminology
 - F24.30 Maintenance and Inspection
 - F24.40 Operations
 - F24.50 Training, Education and Certification
 - F24.60 Special Rides/Attractions
 - F24.70 Water Related Amusement Rides and Devices
- Florida Engineering Society (FES)
- Institute of Industrial Engineers (IIE)
- National Association of Fire Investigators (NAFI)
- National Society of Professional Engineers (NSPE)
- Society of Automotive Engineers (SAE)
- Toastmaster International (TI)
 - Competent Toastmaster (CTM)
 - Competent Leader (CL)
 - Advanced Leader (AL)

- Advanced Toastmasters Bronze (ATM-B)
- Advanced Toastmasters Silver (ATM-S)
- Advanced Toastmasters Gold (ATM-G)
- Distinguished Toastmaster (DTM)
- President, July 2004 – June 2005

RELEVANT COURSEWORK/CONTINUING EDUCATION

| | |
|----------------|--|
| July 2011 | “ARAS 360 3D Computer Diagramming for Crash Reconstruction” ARAS 360 Technologies Inc., Tallahassee, FL |
| June 2011 | “Safe Operation of Powered Industrial Truck” BEC Consulting, Tallahassee, FL |
| May 2008 | “Lift Truck Operator Safety Training” Ring Power Lift Truck, Midway, FL |
| March 2008 | “Accident Reconstruction” Northwestern University Center for Public Safety, Tallahassee, FL |
| March 2008 | “Vehicle Crush Documentation – Use and Analysis of Total Station Survey Data” BEC Consulting, LLC, Tallahassee, FL |
| March 2008 | “Evidence Inspection, Documentation, Analysis and Preservation” BEC Consulting, LLC, Tallahassee, FL |
| January 2008 | “VIN Decoder and AutoStats” BEC Consulting, LLC, Tallahassee, FL |
| October 2007 | “Your Skills as an Engineering Consultant” BEC Consulting, LLC, Tallahassee, FL |
| September 2007 | “PhotoModeler – Vehicle Measurements” BEC Consulting, LLC, Tallahassee, FL |
| August 2007 | “Rules of Evidence, Daubert, Fry, and Kuhmo” BEC Consulting, LLC, Tallahassee, FL |
| August 2007 | “Human Factors, Perception and Reaction” BEC Consulting, LLC, Tallahassee, FL |
| July 2007 | “Energy Analysis in Accident Reconstruction” BEC Consulting, LLC, Tallahassee, FL |
| July 2007 | “Seat Belts in Accident Reconstruction” BEC Consulting, LLC, Tallahassee, FL |

- July 2007 “AirBag “Black Box” and “Black Box” Downloads”
BEC Consulting, LLC, Tallahassee, FL
- July 2007 “AllData Information and Uses in Accident Reconstruction”
BEC Consulting, LLC, Tallahassee, FL
- July 2007 “Bulb Filament Analysis in Accident Reconstruction”
BEC Consulting, LLC, Tallahassee, FL
- July 2007 “Air Bag Testing”
BEC Consulting, LLC, Tallahassee, FL
- July 2007 “Accident Reconstruction Methodology and Documentation”
BEC Consulting, LLC, Tallahassee, FL
- May 2007 “Workplace Safety and OSHA Compliance”
National Seminars Group, Tallahassee, FL
- May 2007 “Inspection of Vehicles”
BEC Consulting, LLC, Tallahassee, FL
- May 2007 “Conservation of Momentum (Linear and Angular) in Accident
Reconstruction”
BEC Consulting, LLC, Tallahassee, FL
- May 2007 “Vehicle Evidence Analysis and Documentation”
BEC Consulting, LLC, Tallahassee, FL
- May 2007 “Principles of Accident Reconstruction”
BEC Consulting, LLC, Tallahassee, FL
- May 2007 “Inspection of Vehicles”
BEC Consulting, LLC, Tallahassee, FL
- May 2007 “Forensic Engineering, Accident Reconstruction Theory, and Basic
Equations of Motion”
BEC Consulting, LLC, Tallahassee, FL
- April 2007 “Research Techniques for Forensic Analysis”
BEC Consulting, LLC, Tallahassee, FL
- April 2007 “Preparation for Deposition and/or Trial Testimony from the Engineering
Point of View”
BEC Consulting, LLC, Tallahassee, FL
- June 2006 “Exploring the Effects of Globalization on Engineering in America”
BEC Consulting, LLC, Tallahassee, FL

- February 2006 “Measurement and Documentation of Vehicle Crush”
BEC Consulting, LLC, Tallahassee, FL
- January 2006 “Analysis of Collisions Involving Pedestrians or Bicycles”
BEC Consulting, LLC, Tallahassee, FL
- November 2005 “Electricity in the Forensic World and Accident Reconstruction”
BEC Consulting, LLC, Tallahassee, FL
- October 2005 “Occupant Restraint Failures in Accidents”
BEC Consulting, LLC, Tallahassee, FL
- June 2005 “Fork Lift Driver’s Training”
Risk Consultants, Inc., Tallahassee, FL
- April 2005 “PC Crash 6.2”
MacInnis Engineering Associates Ltd, Tallahassee, FL
- February 2005 “Research Techniques for Forensic Analysis”
BEC Consulting, LLC, Tallahassee, FL
- December 2004 “OSHA 1 Hour General Industry Outreach Training Program”
BEC Consulting, LLC, Tallahassee, FL
- October 2004 “PC Crash – How is it useful in Accident Reconstruction”
BEC Consulting, LLC, Tallahassee, FL
- June 2004 “MathCAD and Excel – Use in Accident Reconstruction Calculations”
BEC Consulting, LLC, Tallahassee, FL
- April 2004 “Analysis of Collisions Involving Pedestrians or Bicyclists”
Collision Safety Institute, Tallahassee, FL
- April 2004 “Accident Reconstruction Methodology and Calculations - Preparation for
Accreditation Commission for Traffic Accident Reconstruction (ACTAR)
Certification”
BEC Consulting, LLC, Tallahassee, FL
- February 2004 “Inertial Unlatch of Occupant Restraints During Accidents – Investigation
and Testing”
BEC Consulting, LLC, Tallahassee, FL
- February 2004 “Accident Reconstruction Involving Tractor Trailers”
BEC Consulting, LLC, Tallahassee, FL
- December 2003 “Crash Data Retrieval System”
BEC Consulting, LLC, Tallahassee, FL

- July 2003 “Digital Photographs and their Use in Accident Reconstruction”
BEC Consulting, LLC, Tallahassee, FL
- June 2003 “Occupant Restraint Systems in Accident Reconstruction”
BEC Consulting, LLC, Tallahassee, FL
- November 2002 “Certified Fire and Explosion Investigator Training” (2 Class Series)
BEC Consulting, LLC, Tallahassee, FL
- September 2002 “Motor Vehicle Accident Reconstruction with Emphasis in Biomechanics
(for Lynn University)” (3 Class Series)
BEC Consulting, LLC, Tallahassee, FL
- July 2002 “10 Hour OSHA Course in General Industry Safety and Health”
BEC, Tallahassee, FL
- June 2002 “Occupant Restraint System Designs and Defects”
BEC Consulting, LLC, Tallahassee, FL
- May 2002 “Accident Reconstruction”
Northwestern University Center for Public Safety, Tallahassee, FL
- May 2002 “Advanced Trial Advocacy Program: Expert Witness”
The Florida Bar, Gainesville, FL
- April 2002 “Truck Safety Inspection Program, Safety Management Councils”
Florida/Georgia Trucking Associations, Valdosta, GA
- January 2002 “Accident Reconstruction Involving Motorcycles”
BEC Consulting, LLC, Tallahassee, FL
- November 2001 “Accident Scene Documentation – Use and Analysis of Total Station
Survey Data”
BEC Consulting, LLC, Tallahassee, FL

PATENTS

Booeshaghi, Farhad, Charles E. Benedict, Stephen R. Corbett, Christian A. Yates, Mohammad R Vaghar, and Traci K. Campbell. “Pivotal Guards for Power Hand Tools with Rotating Discs.” U.S. Patent No. 6,699,114, filed April 26, 2002, and issued March 2, 2004.

PUBLICATIONS and PRESENTATIONS

Campbell, Traci. "Photogrammetry in Accident Reconstruction." Jacksonville Claims Association – Continuing Education Course (1 CEU), Jacksonville, FL, November 17, 2009.

Campbell, Traci. "OSHA Helpful Hints." BEC Consulting, LLC, Tallahassee, FL, December 5, 2007.

Campbell, Traci. "Accident Reconstruction Part IV – Energy and EBS Calculations." BEC Consulting, LLC, Tallahassee, FL. June 20, 2007.

Campbell, Traci. "Industrial Engineers – A Good Weapon in Your Expert Witness Arsenal." *The Verdict*. Spring 2007.

Campbell, Traci. "Slip and Fall – Is This a Real Accident?" *Briefings*. 8(2) (2007): 3.

Campbell, Traci. "Industrial Engineers – A Good Weapon in Your Expert Witness Arsenal." The Academy of Florida Trial Lawyers 2005 Winter Ski Seminar, Vail, CO, December 15, 2005.

Campbell, Traci. "Slip, Trip and Fall – What an Engineer Can Do For You." Institute for Continuing Legal Education, Atlanta, GA, October 14, 2005.

Campbell, Traci. "Slip, Trip and Fall – What an Engineer Can Do for You." Mealy's Retail Liability Conference, Las Vegas, NV, December 2004.