



CURRICULUM VITAE  
**KERRY O. JONES**

**EDUCATION**

- 2006 MS COLORADO SCHOOL OF MINES – Golden, Colorado  
Engineering Systems – Mechanical Specialty  
Applied Biomechanics Thesis
- 2002 BA METROPOLITAN STATE COLLEGE – Denver, Colorado  
Human Performance & Sport  
Emphasis: Athletic Training

**PROFESSIONAL EXPERIENCE**

- 2007 to Date VECTOR SCIENTIFIC, INC.  
*Biomechanical Engineer*  
Forensic biomechanics and analysis of injury mechanisms.
- 2007 THE CHILDREN'S HOSPITAL DENVER  
*Research Assistant*  
Compiled data for oncology/hematology/infectious disease study, obtained consent for patients, and maintained compliance for FDA and IRB approval.
- 2007 UNIVERSITY OF COLORADO, BOULDER  
*Lecturer*  
Lectured Biomechanics course and laboratory sessions for upper division students including Teaching Assistant supervision.
- 2004 – 2006 UNIVERSITY OF COLORADO HEALTH SCIENCES CENTER  
*Graduate Student Researcher*  
Research and development of soft tissue analog for ACL brace testing; designed research project including scope, methods, and outcome measures; constructed mechanism for data collection; managed correspondence to Institutional Review Board and subject recruitment; data collection, data processing, and analysis.
- 2000 – 2002 WOODRIDGE ORTHOPEDIC AND SPINE CENTER  
*Research Assistant*  
Designed study protocols for clinical spine studies and drafted applications for Institutional Review Board; data collection from patients and surgical records.

**PROFESSIONAL EXPERIENCE (CONTINUED)**

- 2005 – 2006 METROPOLITAN STATE COLLEGE OF DENVER  
*Assistant Athletic Trainer*  
Performed initial medical assessment during athletic activities, evaluated current injuries, and designed rehabilitation for existing orthopedic injuries.
- 2001 – 2005 COLORADO SCHOOL OF MINES  
*Assistant Athletic Trainer*  
Performed initial medical assessment during athletic activities, evaluated current injuries, designed rehabilitation for existing orthopedic injuries, and supervised undergraduate athletic training students.

**CERTIFICATIONS**

- 2002 to Date National Athletic Training Association (NATA) Certified Athletic Trainer

**SEMINARS AND SHORT COURSES & CONFERENCES**

- 2009/Dec Weight Management for the Fitness Professional
- 2009/Nov Abbreviated Injury Scaling 2005 (2008 updates): uses and techniques training
- 2009/Oct AAAM Conference - Baltimore, MD
- 2009/Aug On the Field Management of Athletic Injuries - Denver, CO
- 2009/Aug Colorado Sports Medicine Symposium - Golden, CO
- 2009/Apr SAE World Congress - Detroit, MI
- 2008/Oct University of Colorado Sports Medicine Fall Symposium – Boulder, CO
- 2008/Apr SAE World Congress – Detroit, MI
- 2008/Apr Society of Automotive Engineers – Professional Development Program  
*Occupant and Vehicle Kinematics in Rollover Seminar* – Detroit, MI
- 2007/Dec Society of Automotive Engineers – Professional Development Program  
*Injuries, Anatomy, Biomechanics & Federal Regulation* – Troy, MI
- 2007/Nov Society of Automotive Engineers – Professional Development Program  
*Forensic Analysis of Medical Records in Injury Biomechanics and Accident Reconstruction Studies* – Troy, MI

**UNPUBLISHED RESEARCH PAPERS**

Jones KO. Development of a soft tissue analog for use in cadaver ACL brace testing. Unpublished Masters Thesis, Colorado School of Mines, June 2006.

**PRESENTATIONS**

Catena RD, Jones KO, Wheeler JB. Concussion Awareness in Ice Hockey - Arvada Hockey Association Coaching Clinic, February 2010.

Jones KO, Baldini TH, Bach JM. Determining bulk soft tissue stiffness of the leg at points of anterior cruciate ligament brace contact using indentation methods. American College of Sports Medicine Rocky Mountain Chapter, Regional Meeting, Colorado Springs, CO, February 2005.

Jones KO. Development of a soft tissue analog for use in cadaveric knee brace testing. 2006 Bioengineering Seminar, Colorado School of Mines, Golden, CO, April 2006.

**RESEARCH FUNDING**

2005 Development of a Leg Analog for Knee Brace Testing  
DJ Orthopedics

2005 ACL Brace Testing Using a Soft Tissue Analog and Cadaver Construct  
DJ Orthopedics

**PROFESSIONAL MEMBERSHIPS**

2009-Current Association for the Advancement of Automotive Medicine (AAAM) - Associate Member

2007-Current Society of Automotive Engineers (SAE)

2005 American College of Sports Medicine (ACSM)

**PROFESSIONAL ACTIVITIES**

Reviewer SAE World Congress 2010  
Biomechanics Technical Paper Session