

# CURRICULUM VITAE

Matthew D. Donohoe, M.A., ATC

Court Qualified Biomechanist & Traffic Accident Reconstructionist – ACTAR #2185  
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## PROFESSIONAL EXPERIENCE

2004 – Present D&S INVESTIGATIONS

Biomechanist & Traffic Accident Reconstructionist – Performs biomechanical investigations and accident reconstruction analyses. Uses kinetics and kinematics to evaluate the injury potential of a given accident, as well as describe the mechanisms of bodily injury. Uses principles of accident reconstruction in order to determine accident causation, speed of vehicles at collision, changes in velocity, and forces generated by a given accident.

2000 – 2009 INSTITUTE OF RISK AND SAFETY ANALYSES

Senior Forensic Scientist – Court qualified Accident Reconstructionist and Biomechanist. Lead of the Biomechanics and Criminal divisions. Investigated and reconstructed over 800 personal injury accidents, such as automobile collisions, slip-and-falls, ladder falls, bicycle collisions, etc.

1998 - 1999 SMITH & NEPHEW INC. DONJOY DIVISION

Biomechanics Research Intern - Performed biomechanics research. Used kinetics and kinematics to obtain data for osteoarthritis knee bracing product development.

1997 - 1999 UNIVERSITY CITY PHYSICAL THERAPY

Athletic Trainer - Responsible for patient rehabilitation.

1997 - 1999 SAN DIEGO STATE UNIVERSITY

Graduate Teaching Assistant - Taught athletic training lab, which provided students with instruction in injury causation, recognition and rehabilitation.

1997 - 1999 SAN DIEGO STATE UNIVERSITY

Graduate Research Assistant - Assisted professors in research in the field of biomechanics and athletic training.

1996-1997 MOUNTAIN VIEW PHYSICAL THERAPY

Athletic Trainer - Supervised patients rehabilitative exercise program.

1994 - 1996 SAN DIEGO STATE UNIVERSITY

Student Athletic Trainer - Provided emergency medical attention and rehabilitation to San Diego State athletes.

**EDUCATION AND TRAINING**

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| 2011           | University of Oklahoma<br>B.S. in nursing   |
| 2000 - Present | Southwest Association of Technical Accident Investigators (SATAI)   |
| 2000           | Los Angeles Police Department<br>Basic and Intermediate Collision Investigation                             |
| 1999           | San Diego State University<br>M.A. in physical education with an emphasis in biomechanics/athletic training |
| 1996           | San Diego State University<br>B.S. in kinesiology with an emphasis in athletic training                     |

**PUBLICATIONS**

Donohoe, M.D., Aslanian, H, Solomon, KA. Knee Injuries and How They Occur. Forensic Examiner. Spring 2005.

Donohoe, M.D. (1999). The effects of valgus loading osteoarthritis knee braces on the electromyographical activity of selected muscles and immediate pain of female participants. San Diego State University.

**AFFILIATIONS**

Accreditation Commission for Traffic Accident Reconstruction (ACTAR) - #2185  
Southwest Association of Technical Accident Investigators (SATAI)  
American Assembly for Men In Nursing (AAMN) – Southern California Chapter Secretary  
Emergency Nurses Association (ENA)  
American Association of Critical-Care Nurses (AACN)  
National Athletic Trainers Association (NATA)

(Rev 04/11)

