

Curriculum Vitae

ANDREW K. HUA

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EDUCATION

Double Major in Biomedical Engineering (B.S) and Mathematics (B.A), UNIVERSITY OF FLORIDA 2008 - 2014

Medical Scholars Program (MD/PhD) in Kinesiology, UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN 2014 - Present

RESEARCH EXPERIENCE

University of Florida Orthopaedics and Sports Medicine Institute 02/12 – 08/14

Supervisors: Dr. Bryan Conrad and Dr. Heather Vincent

Investigated the biomechanics of tennis ground strokes and possible causes of wrist injuries using motion capture.

Investigated gender and age differences in running biomechanics.

Hua A, Sheedy E, Seay A, Montero C, Barnes L, Vincent H, Conrad B. Differences in Frontal Plane Running Kinematics by Age and Gender. Gait and Clinical Movement Analysis Society Annual Meeting 2013.

Hua A, Sheedy E, Seay A, Montero C, Barnes L, Vincent H, Conrad B. Contribution of Age and Gender on Running Mechanics of the Hip at Different Running Speeds. Biomedical Engineering Society Annual Meeting 2013.

University of Florida Cancer and Genetics Research Complex 05/11 – 12/11

Supervisors: Dr. Martin J. Cohn and Dr. Krista McCoy

Investigated the ameliorating effects of vitamin C and vitamin E on hypospadias. Measures the urethral opening of male mice using microscopic dissection. Runs PCR and gels to determine gender of mice.