

JOEL DOUGLAS TRINITY

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EDUCATION

THE UNIVERSITY OF TEXAS AT AUSTIN – Austin, Texas

M.A. Kinesiology – Human Performance focus (GPA: 4.00), December 2004

- Thesis – Maximal Power Measured During a Taper in Collegiate Swimmers

Pursuing Ph.D. Kinesiology, January 2005 – Present

OCCIDENTAL COLLEGE – Los Angeles, California

BA in Kinesiology (GPA: 3.8, Summa Cum Laude), August 1998 – May 2001

- Phi Beta Kappa National Honor Society

THE UNIVERSITY OF CALIFORNIA SANTA CRUZ – Santa Cruz, California

Undergraduate coursework in Biology – September 1997 – June 1998

PROFESSIONAL AFFILIATIONS

American College of Sports Medicine, 2003 - present

Phi Beta Kappa – 2001 to present

Texas Chapter of the American College of Sports Medicine, 2004 – present

Team Hotel San Jose Elite Cycling Team (Category 2), 2005 – present

TEACHING ASSISTANTSHIPS

Functional Human Anatomy and Physiology I, Teaching Asst. Department of Biological Sciences, Fall 2002 to present

Functional Human Anatomy and Physiology II, Teaching Asst. Department of Biological Science, Summer 2004

RESEARCH INTERESTS

Interests include a systematic approach to whole body physiology focusing on substrate metabolism during exercise as well as alterations in substrate metabolism under conditions of obesity and type II diabetes. I have an interest in the interaction of acute and chronic diet, exercise intensity, and exercise duration on fuel selection and exercise performance. Other interests include physiological adaptations to tapering in endurance trained athletes.

PRESENTATIONS

MAXIMAL POWER MEASURED DURING A TAPER IN COLLEGIATE SWIMMERS

Poster presentation, 2005 American College of Sports Medicine annual meeting

PROFESSIONAL EXPERIENCE

THE UNIVERSITY OF TEXAS AT AUSTIN ATHLETICS DEPARTMENT

Consultant, October 2003 – December 2004

Perform performance testing and analysis for the UT-Austin Athletics Department.