

**NCATE VITA
2008-2009**

Name Ronald Otterstetter
Position/Title Assistant Professor
Faculty Status Graduate Undergraduate Both
Appointment Date 8/20/2004

1. Academic Degrees

Degree	University	Year	Major
Ph.D.	Kent State University	2004	Exercise Physiology
M.S.	The George Washington University	1998	Clinical Exercise Physiology
B.S.	Old Dominion University	1993	Sport Medicine

2. Professional Experience (most recent first, including elementary and secondary teaching and school support service)

Years	Location, Title
2004-Present	The University of Akron, Assistant Professor
2000-2004	Kent State University, Graduate Assistant
1994-2000	Walter Reed Army Institute Of Research, Research Assistant
1993-1995	The George Washington University, Graduate Assistant

3. Faculty and Administrative Load for more recent full year

Summer 2008

Course no.	Title	Credits
5550:302	Physiology of Exercise	3
5550:605	Physiology of Muscular Activity and Exercise	3
5550:680	ST: Nutrition for Teachers and Coaches	3

Fall 2008

Course no.	Title	Credits
5550:302	Physiology of Exercise	3
5550:605	Physiology of Muscular Activity and Exercise	3
5550:418/518	Cardiorespiratory Function	3

Spring 2009

Course no.	Title	Credits
5550:302	Physiology of Exercise	3
5550:620	Laboratory Instrumentation in Exercise Physiology	3
5550:355	Exercise for Special Populations	3

Other Collegiate Assignments

Director- Exercise Physiology Laboratory

4. Current Professional and Academic Association Memberships*

American College of Sport Medicine
Midwest Chapter – American College of Sports Medicine
American Physiological Society

5. Current Professional Assignments and Activities (non-teaching)*

None

6. Publications (Select from most recent and most important. List one per line.)

- G. H. Kamimori, E. J. Ryan, **R. Otterstetter**, J. E. Barkley, E.L.Glickman, H. Q. Davis. Catecholamine Response to Hypoxia Induced Acute Mountain Sickness. *Aviation, Space, and Environmental Medicine*. 2009 Apr.;80:376-380.
- C.C. Cheatham, N. Caine, M. Blegen, E.S. Potkanowicz, G.H. Kamimori, J.L. Marcinkiewicz, **R. Otterstetter**, M. Kalinski and E.L. Glickman. The effects of nicotine on the metabolic and hormonal responses during acute cold exposure. *Wilderness and Environmental Medicine*. 2006 Sept. 17(3) 147-157.
- N. Caine-Bish, E.S. Potkanowicz, **R. Otterstetter**, J. Marcinkiewicz, G. Kamimori. The Effect of Sleep Deprivation on the Hormonal and Metabolic Responses to Cold Exposure. *Wilderness and Environmental Medicine* 2005 Dec;16,177-184.
- E. S. Potkanowicz, N. Caine, **R. Otterstetter**, and E. Glickman. Thermal Sensation of Old vs. Young Males at 12, 18, and 27°C for 120-Minutes. In Y. Tochihara, and T. Ohnaka (eds.), *Environmental Ergonomics: The Ergonomics of Human Comfort, Health, and Performance in the Thermal Environment* 2005; pp. 147-150. London: Elsevier Publishing
- N. Caine-Bish, E. S. Potkanowicz, **R. Otterstetter**, E.L. Glickman. Thermal and metabolic responses of sleep deprived males and females during acute cold exposure. *Aviation, Space, and Environmental Medicine*. 2004 Nov.;75:964-68.
- E. L. Glickman , E. S. Potkanowicz, **R. Otterstetter**. Pugh and Edholm’s “The Physiology of Channel Swimmers”- A Commentary. *Wilderness and Environmental Medicine* 2004 Mar;15,38-39.

7. Papers Presented (Select from most recent and most important. List one per line.)

- R. Otterstetter**, L.C. Smith, S.A. Mroczkowski, L. Murray, S. Buser. Effects of gender and different temperature modalities on contraction force following a resistance exercise program. Poster presented at ACSM National Conference – May 2009 -*Medicine & Science in Sports & Exercise* - (abstract) Vol 41 (5) Supplement p. S298 – 2009
- L.C. Smith, S.A. Mroczkowski, S. Buser, S. Bemis, **R. Otterstetter**. Effect of Thermotherapy and Cryotherapy on Muscle Hypertrophy and Muscle Contraction Force Following Resistance Training. Poster presentation at ACSM National Conference - June 2008 - *Medicine & Science in Sports & Exercise* - (abstract) Vol 40 (5) Supplement p. S258 – 2008
- R. Otterstetter**, L Murray, GH Kamimori, FACSM, EL Glickman, FACSM. Effects of

Aspirin on Catecholamine Responses of Males During Acute Cold Exposure. Poster presentation at ACSM National Conference - June 2007 - *Medicine & Science in Sports & Exercise* - (abstract) Vol 39 (5) Supplement p. S276 – 2007.

R. Otterstetter, L. Murray, M. Kalinski, FACSM, EL Glickman, FACSM. Effect of Aspirin on Hematologic Responses of Males During Acute Cold Exposure. Poster presentation at ACSM National Conference - June 2006 - *Medicine & Science in Sports & Exercise* - (abstract) Vol 38 (5) Supplement p. S423 – 2006.

R. Otterstetter, L. Murray, M. Kalinski, FACSM, E. L. Glickman, FACSM. Effects of aspirin on thermoregulatory responses in males during acute cold exposure – Thematic Poster presentation at ACSM National Conference – June 2005 - *Medicine & Science in Sports & Exercise* - (abstract) Vol 37 (5) Supplement p. S212-S213 – 2005.

R. Otterstetter, E. S. Potkanowicz, C. M. Hearon, E. L. Glickman FACSM. Thermal Sensation of Caucasians vs. African Americans During Immersion in 20 and 27°C for 120-minutes. Slide presentation at ACSM National Conference – June 2004 - *Medicine & Science in Sports & Exercise* - (abstract) Vol 36 (5) Supplement p. S130 – 2004.

8. Collaborations (List recent collaborations, the nature of the collaboration, and collaborative partners.)

None

9. Research (List funded or personal research, special studies, documented research in progress; one per line.)

R. Otterstetter (2007). College of Education Faculty Research Grant: “Effect of oral l-arginine supplementation on lactic acid, nitric oxide synthase, platelet aggregation and maximal oxygen consumption in healthy males.”

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