

PROMOTION RECOMMENDATION  
The University of Michigan  
School of Kinesiology

Steven P. Broglio, assistant professor of kinesiology, School of Kinesiology, is recommended for promotion to associate professor of kinesiology, with tenure, School of Kinesiology.

Academic Degrees:

Ph.D.	2006	University of Georgia, Exercise Science, Athens, GA
M.S.	2002	University of Pittsburgh, Health and Rehabilitation Science, Pittsburgh, PA
B.A.	2000	University of North Carolina, Exercise and Sport Science, Chapel Hill, NC

Professional Record:

2011-present	Assistant Professor, School of Kinesiology, University of Michigan
2011-present	Adjunct Assistant Professor, Medical School, Department of Neurology, University of Michigan
2011-present	Adjunct Assistant Professor, Medical School, Department of Physical Medicine and Rehabilitation, University of Michigan
2006-2011	Assistant Professor, Department of Kinesiology and Community Health, University of Illinois
2010-2011	Beckman Fellow, Center for Advanced Study, Department of Kinesiology and Community Health, University of Illinois
2008-2011	Director, Graduate Athletic Training, Department of Kinesiology and Community Health, University of Illinois
2006-2011	Director, Undergraduate Athletic Training Education Program, Department of Kinesiology and Community Health, University of Illinois
2003-2006	Clinical Coordinator, Undergraduate Athletic Training Education Program, Department of Kinesiology, University of Georgia
2001	Research Assistant, Neuromuscular Research Laboratory, University of Pittsburgh

Summary of Evaluation:

Teaching: Professor Broglio has proved himself an excellent teacher. He has taught an average of 2.5 courses per year, both undergraduate and graduate courses. Student evaluations have been consistently excellent. He participated in the Center for Research on Learning and Teaching (CRLT) Health Sciences Teaching Academy (HSTA) in 2011 where he gleaned valuable experience and has incorporated several aspects from the HSTA into his teaching.

In addition to his classroom teaching, Professor Broglio has mentored 11 master's level students, and two Ph.D. students. In 2009 at the University of Illinois, he was awarded the Phillis J. Hill James Scholar Faculty Award for Exemplary Mentoring.

Research: Professor Broglio's research addresses mild traumatic brain injury (mTBI or concussion) with the overarching goal of improving injury outcomes through the prevention and early recognition of acute injuries, and elucidating the persistent effects of concussive injuries in the 1.6 to 3.8 million people afflicted annually. The majority of his work is conducted within the athletic population. The sports environment provides pre- and post-morbid longitudinal designs in a population that incurs injuries at a higher rate than the general population.

Professor Broglio has achieved an impressive level of scholarly productivity having averaged seven publications a year since completion of his doctoral degree as the lead or senior author on the majority (i.e., 31 of 45) of his manuscripts. The manuscripts are published in journals of good-to-excellent quality that are appropriate for his research area. He has an H-index of 14, which is notable given this stage of his career.

Professor Broglio has demonstrated sustained success in attaining grants to fund his research, beginning with small grants during his master's studies to increasingly larger private grants. He has received 25 grants serving as PI on 15 and CoI on another 10. He recently was awarded an NIH R15 grant establishing that his research record and ideas are well-received and validated by an expert panel of national, peer reviewers.

Recent Significant Publications:

Broglio SP, Eckner JT, Paulson H, and Kutcher JS. Cognitive decline and aging: The role of concussive and sub-concussive impacts. *Exerc Sport Sci Rev* 40:138-144, 2012.

Broglio SP, Surma T, and Ashton-Miller JA. High school and collegiate football athlete concussions: A biomechanical review. *Ann Biomed Eng* 40:37-46, 2012.

Broglio SP, Eckner JT, Martini D, Sosnoff JJ, Kutcher JS, and Randolph C. Cumulative head impact burden in high school football. *J Neurotrauma* 28:2069-2078, 2011.

Broglio SP, Sosnoff JJ, Shin S, He X, Alcaraz C, and Zimmerman JP. Head impacts during high school football: A biomechanical assessment. *J Athl Train* 44:342-349, 2009.

Broglio SP, Ferrara MS, Sopiartz K, and Kelly MS. Reliable change of the sensory organization test. *Clin J Sport Med* 18:148-154, 2008.

Broglio SP, Macciocchi SN, and Ferrara MS. Sensitivity of the concussion assessment battery. *Neurosurgery* 60:1050-1057, 2007.

Service: Professor Broglio has provided service to his universities and to his scholarly profession at a level that exceeds what is usually expected of an individual at his career stage. Upon arriving at the University of Illinois, he revised the Athletic Training curriculum and improved the certification exam pass-rate from 31% in 2006, to 91% in 2008, and ultimately to 100% in 2010.

Professor Broglio has served as a grant reviewer for NIH, U.S. Army Medical Research & Materiel Command-Military Operational Medicine Research Program, Natural Sciences and Engineering Research Council of Canada, National Athletic Trainers' Association-Research and Education Foundation, and Hewlett International Research Travel Grants. He has served or is serving on professional journal editorial boards, among them: *Athletic Training & Sports Health Care*, *British Journal of Sports Medicine*, and *Journal of Athletic Training*. He has served as an ad hoc reviewer for many other scholarly journals such as *Annals of Biomedical Engineering*, *Archives of Physical Medicine and Rehabilitation*, *Child Neuropsychology*, *Brain*, *International Journal of Exercise Science*, *International Journal of Sports Medicine*, *Journal of Adolescent Health*, *Journal of Biomechanics*, *Journal of Clinical and Experimental Neuropsychology*, *Journal of Sport Rehabilitation*, *Medicine and Science in Sports and Exercise*, *Neuropsychology*, and *Neurosurgery*.

Professor Broglio served as a member of the UM, School of Kinesiology New Curriculum Committee this past year. While at the University of Illinois he served on several committees including co-chairing a faculty search committee, the Elections and Credentials Committee, and the Global Campus committee.

External Reviewers:

Reviewer A: "He has developed a large research program that generates top-tier journal publications. Overall, his publication record is amazing, and he certainly would be promoted based on this alone."

Reviewer B: "He is an active scholar who has already shown great productivity and shows promise to continue to do so in the future. He has clearly established himself as a scholar of distinction in his profession"

Reviewer C: "He is one of the first investigators to use the HIT System in high school athletes, and the data from his work have been an important, and award winning, contribution to the literature."

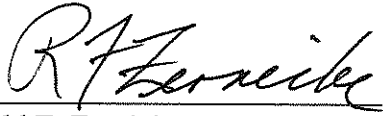
Reviewer D: "He is no longer seen as an 'up and coming' leader in the field. Instead he is now one of the most influential leaders in the most influential and important area within Athletic Training Scholarship."

Reviewer E: "My impression of Dr. Broglio's scholarship is exemplary. He has published in high-impact journals, he presents at national meetings, and he joins an elite group of individuals who are clearly experts in the field of athletic training and concussion research."

Reviewer F: "Steve is held in the highest of esteem and is clearly considered to be a leader."

Summary of Recommendation: Professor Broglio is an outstanding and productive member of the School of Kinesiology faculty. He is a highly regarded scientist in his field, nationally and internationally. He is an excellent teacher and mentor who has provided superb leadership and service to his school and profession. It is with unanimous support at all levels of review—

program, school, and executive committee—that I strongly recommend Steven P. Broglio for promotion to associate professor of kinesiology, with tenure, in the School of Kinesiology.

A handwritten signature in black ink, reading "R F Zernicke". The signature is written in a cursive style with a horizontal line underneath it.

Ronald F. Zernicke  
Dean, School of Kinesiology

May 2013