

PROMOTION RECOMMENDATION
The University of Michigan
School of Kinesiology

Approved by the Regents
May 20, 2010

Riann M. Palmieri-Smith, 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.	2004	University of Virginia, Athletic Training
M.S.	2000	Indiana State University, Athletic Training
B.S.	1999	California University of Pennsylvania, Athletic Training

Professional Record:

2004 to present	Assistant Professor, Department of Athletic Training, School of Kinesiology, University of Michigan
2005 to present	Adjunct Assistant Professor, Department of Movement Science, School of Kinesiology, University of Michigan
2004-2006	Director of Athletic Training Education, School of Kinesiology, University of Michigan
2004	Assistant Professor, Department of Human Services, Curry School of Education, University of Virginia
2004	Acting Assistant Professor, Department of Human Services, Curry School of Education, University of Virginia
2002-2003	Doctoral Fellow in Sports Medicine, Department of Human Services, University of Virginia
2002-2002	Doctoral Fellow in Life Science, Department of Athletic Training, Indiana State University
1999-2000	Graduate Assistant Athletic Trainer, Department of Athletic Training, Indiana State University
1997-1999	Research Assistant, West Virginia University

Summary of Evaluation:

Teaching: Professor Palmieri-Smith has established herself as a solid and valuable teacher. During her first two years at Michigan, she served as director of the Athletic Training Program, during which time she revised the curriculum. Students view her as well prepared, respectful and indicate that they learn a lot in her courses. Her student evaluation scores are consistently high. Professor Palmieri-Smith has mentored many students in her laboratory, including undergraduates involved in UROP and lab rotations, doctoral students, post-doctoral fellows and medical students. She has served on doctoral dissertation committees for seven students working with other mentors, both in and outside of Kinesiology.

Research: Professor Palmieri-Smith's primary research focus is traumatic joint injuries, including sprains to the knee and ankle and idiopathic knee osteoarthritis. She built on the excellent training she received in her doctoral and postdoctoral programs to establish a strong,

focused and interdisciplinary research laboratory at Michigan. She has published 42 peer-reviewed papers, including 14 papers in press from work initiated at Michigan, with seven under review. Professor Palmieri-Smith has built an impressive record of external support for her research including a grant from NFL Charities and two other foundations. Most impressively, she is the first athletic training assistant professor in the nation to receive NIH funding as a principal investigator (K08 award). She is also co-investigator on an NIH R01 grant. Further evidence of her stature in the fields includes receiving both of the young investigator research awards given by her professional association (NATA). The quality and significance of her contributions are further demonstrated by her frequent invitations to speak at national and international research conferences.

- Palmieri-Smith, R. M., Kreinbrink, J., Ashton-Miller, J. A., & Wojtys, E. M. (2007). Quadriceps inhibition induced by an experimental knee joint effusion affects knee joint mechanics during a single-legged drop landing. *Am J Sports Med*, 35(8), 1269-1275.
- Palmieri-Smith, R. M., Hopkins, J. T., & Brown, T. N. (2009a). Peroneal muscle activation deficits in persons with functional ankle instability. *Am J Sports Med*, 37(5), 982-988.
- Palmieri-Smith, R. M., McLean, S. G., Ashton-Miller, J. A., & Wojtys, E. M. (2009b). Association of quadriceps and hamstrings cocontraction patterns with knee joint loading. *J Athl Train*, 44(3), 256-263.
- Bowman TG, Palmieri-Smith RM. Humeral head epiphyseal plate fracture in a collegiate track and field decathlete: A case study. *J Sport Rehabil*, 2008; 17(1): 76-83.
- Palmieri-Smith, R. M., Kreinbrink, J., Ashton-Miller, J. A., & Wojtys, E. M. (2007). Quadriceps inhibition induced by an experimental knee joint effusion affects knee joint mechanics during a single-legged drop landing. *Am J Sports Med*, 35(8), 1269-1275.
- Palmieri-Smith RM and Thomas AC. A neuromuscular mechanism of post-traumatic osteoarthritis associated with ACL injury. *Exerc Sci Sport Rev*, 2009; 37(3): 147-153.

Service: Professor Palmieri-Smith has demonstrated extensive professional service. At the school level she served on the undergraduate curriculum committee and on the graduate committee in addition to chairing the Athletic Training Faculty Search Committee and serving on the Endowed Professor Search Committee. Furthermore, she has served on six doctoral dissertation committees and one master's thesis committee. She has provided service to the University by serving on the Bone & Joint Injury Prevention & Rehabilitation Center (BJIPRC) Operating Committee and BJIPRC Director Search Committee, mentored two medical student completing research in her laboratory and reviewed grants for OVPR and the medical school. She serves or has served as associate editor on several journals as well as sitting on the editorial board for the *Journal of Applied Biomechanics*.

External reviews:

Reviewer A: "...I feel that Dr. Palmieri-Smith has established herself as an outstanding researcher ... a leader in the field with regard to clinical studies of ligament injuries about the ankle and knee joint."

Reviewer B: "...her teaching load has been quite significant. She developed three new courses that have received laudable reviews by her peers and students."

Reviewer C: "..., I believe the success that the ATEP has enjoyed over the past few years is largely due to Riann's ability to guide change and build a stronger foundation for student achievement."

Reviewer D: "Without question, Dr. Palmieri-Smith would rank in the top 5% of her peers based on her grants and scholarly contributions."

Reviewer E: "While I am not in a Kinesiology environment, I can certainly recognize a high quality, dedicated and committed individual who will continue to contribute at the highest levels."

Reviewer F: "Quite simply, Dr. Palmieri-Smith's level of grantsmanship is unparalleled for an assistant professor of athletic training."

Reviewer G: "Her expertise and standing in the research community is shown by her being a reviewer for large range of journals, some of which are the best or highly ranked in the field."

Reviewer H: "Her success in obtaining external and internal funding to support her research is on par with the top researchers in the areas of kinesiology, sports medicine, and athletic training."

Reviewer I: "She has established a national reputation for her work ..., as evidenced by her popularity as an invited speaker and reviewer for many of the top scholarly journals in athletic training and sports medicine."

Reviewer J: "Dr. Palmieri-Smith's productivity at this stage of her career is quite exemplary."

Reviewer K: "In my opinion her publication record to date exceeds that of her peers of similar rank in the field (both in quantity and quality), even when considering her reduced teaching load. Her grant funding is exemplary."

Reviewer L: "Dr. Palmieri-Smith demonstrates excellence as an independent investigator and has attained international eminence in orthopaedic research and academic sports medicine."

Summary of Recommendations: Professor Palmieri-Smith is an outstanding and productive member of the School of Kinesiology faculty. She is a well regarded scientist in her field and beyond. During her years as an assistant professor she has been an excellent teacher and mentor who has provided service to her school, her university and to her profession. She has exceeded all expectations for an assistant professor. It is with the unanimous support at all levels of review; departmental, school and executive committee; that I recommend Riann M. Palmieri-Smith for promotion to associate professor of kinesiology, with tenure, School of Kinesiology.



Ronald F. Zernicke
Dean, School of Kinesiology
May 2010