

FACULTY VITA

Sarah M. Mitchell, MS, ATC, LAT
Maiden Name: Marek

August 2014

Ad-Interim Director of Athletic Training Education/Instructor
Health and Human Performance
Texas A&M University - Commerce
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PROFESSIONAL INTERESTS

Areas related to athletic training and exercise physiology.

EDUCATION

B.S. in Kinesiology; Athletic Training Option; Mathematics Minor, Summa Cum Laude Honors,
August 2003, Angelo State University, San Angelo, TX

M.S. in Exercise Physiology; Thesis: *The Thermal Effects of Pulsed Shortwave Diathermy on
Muscle Force Production, Electromyography, and Mechanomyography*, May 2005, University of
Texas at Arlington, Arlington, TX

PROFESSIONAL LICENSES

National Athletic Trainers' Association Board of Certification
Certified Athletic Trainer # 110302086 – November 2003
Texas Advisory Board of Athletic Trainers
Licensed Athletic Trainer # AT3015 – February 2004
Missouri State Board of Registration for the Healing Arts
Licensed Athletic Trainer # 2005021718 – July 2005 to January 2008
American Red Cross
CPR/AED for the Professional Rescuer – January 2013-2015
Instructor: Lay Responder First Aid and CPR/AED – December 2007 to present
Instructor: Professional Rescuer CPR/AED – May 2008 to present

EXPERIENCE

Educational

2010 – present	Instructor/Ad-Interim Director of Athletic Training Education, Health and Human Performance, Texas A&M-Commerce
2007 – 2010	Instructor/Clinical Coordinator for Athletic Training Education, Health and Human Performance, Texas A&M-Commerce
2005-2007	Assistant Professor, Athletic Training, Central Methodist University
2003-2005	Graduate Teaching Assistant, Kinesiology, University of Texas at Arlington

Professionally Related

2009 – 2011	Contract Athletic Trainer, Baylor SportsCare, Frisco, TX
2005-2007	Assistant Athletic Trainer and Approved Clinical Instructor, Central Methodist University, Fayette, MO
2004-2005	Outreach Athletic Trainer, Harris Methodist Ft. Worth Hospital, Ben Hogan Sports Therapy Institute, Ft. Worth, TX
2004-2005	Approved Clinical Instructor, University of Texas at Arlington, Arlington, TX

Sept. 2004	Contract Athletic Trainer, Motus Center, Inc.
2004	Athletic Training Intern, Ft. Worth Cats Baseball Team, Ft. Worth, TX
2001-2003	Athletic Training Student, Angelo State University, San Angelo, TX
May 2005	Invited Book Proposal Review: Abell, B.A. <i>Taping and Wrapping Made Simple</i> . Lippincott, Williams, and Wilkins
June 2005	Invited Book Proposal Review: Schick, D. <i>Athletic Taping and Wrapping</i> . Lippincott, Williams, and Wilkins.

TEACHING EXPERIENCE

Texas A&M University-Commerce

HHPA 140, Introduction to Athletic Training, 1 credit
HHPA 214, Preventative Techniques in Athletic Training 1 credit
HHPA 249, Clinical Experience in Athletic Training I, 1 credit
HHPA 259, Athletic Injury Assessment I, 3 credits
HHPA 260, Athletic Injury Assessment I Lab, 1 credit
HHPA 279, Clinical Experience in Athletic Training II, 1 credit
HHPA 339, Therapeutic Rehabilitation, 3 credits
HHPA 340, Therapeutic Rehabilitation Lab, 1 credit
HHPA 349, Clinical Experience in Athletic Training III, 1 credit
HHPA 369, Athletic Injury Assessment II, 3 credits
HHPA 370, Athletic Injury Assessment II Lab, 1 credit
HHPA 379, Clinical Experience in Athletic Training IV, 1 credit
HHPA 442, Healthcare Administration Lab, 1 credit
HHPA 449, Clinical Experience in Athletic Training V, 1 credit
HHPA 459, Assessment of General Medical Conditions, 3 credits
HHPA 460, General Medical Techniques Lab, 1 credit
HHPA 479, Clinical Experience in Athletic Training VI, 1 credit
HHPA 480, Clinical Integration in Athletic Training, 3 credits
HHPK 211, First Aid & Safety, 3 credits
HHPK 213, Prevention & Care of Athletic Injury, 3 credits

Central Methodist University

AT 308, Rehabilitation Techniques I, 2 credits
AT309, Rehabilitation Techniques I Lab, 1 credit
PE 216, Nutrition and Athletic Performance, 3 credits
AT 103, Introduction to Athletic Training, 3 credits
AT 310, Rehabilitation Techniques II, 2 credits
AT 311, Rehabilitation Techniques II Lab, 1 credit
PE 210, Personal and Community Health, 2 credits
AT 211, Personal and Community Health Lab, 1 credit

University of Texas at Arlington

Clinical Practicum II (Assistant Instructor), 1 credit
Introduction to Athletic Training Lab, 1 credit
Applied Kinesiology Lab, 1 credit
Clinical Practicum I – 1 credit
Clinical Practicum III (Assistant Instructor) – 1 credit
Pathology and Pharmacology Lab – 1 credit
Weight Training – 1 credit
Biophysical Principles of Human Movement Lab – 1 credit
Pathology and Pharmacology Lab (Assistant Instructor) – 1 credit
Clinical Practicum I (Assistant Instructor) – 1 credit

PROFESSIONAL ASSOCIATIONS AND HONORARIES

Memberships

National Athletic Trainers' Association – 2002 to present
Southwest Athletic Trainers' Association – 2002 to 2005; 2007 to present
Mid-America Athletic Trainers' Association – 2006 to 2007
Missouri Athletic Trainers' Association – 2006 to 2007
Texas Chapter of the American College of Sports Medicine – 2005

Convention & Symposium Attendance

NATA Educator's Conference
January 11-13, 2013 – Dallas, TX
NATA Clinical Instructor Educator Workshop
February 26-28, 2011 – Washington, DC
Southwest Athletic Trainers' Association Annual Meeting
July 2014 – Frisco, TX
July 2012 – Addison, TX
July 2011 – Houston, TX
July 2010 – Arlington, TX
July 2009 – Arlington, TX
July 2008 – Corpus Christi, TX
July 2005 – Houston, TX
July 2004 – Arlington, TX
National Athletic Trainers' Association Annual Meeting
June 2013 – Las Vegas, NV
June 2012 – St. Louis, MO
June 2009 – San Antonio, TX
June 2008 – St. Louis, MO
June 2006 – Atlanta, GA
June 2005 – Indianapolis, IN
June 2004 – Baltimore, MD
Mid-America Athletic Trainers' Association Spring Symposium
March 2007 – Topeka, KS
March 2006 – Omaha, NE
Girls Can Jump with Laura Ramus
December 2004 – Arlington, TX

COMMITTEE MEMBERSHIPS

National

National Athletic Trainers' Association
June 2009-present: Research & Education Foundation Scholarship Committee

Regional

Southwest Athletic Trainers' Association
2010-present SWATA Competency Workshop Committee
2010-2011 District 6 NATA Foundation Committee

University

Texas A&M - Commerce Health & Human Performance Committees
Summer 2014 Assistant Professor of Exercise Science Search Committee
2012-2013 FRA Coordinator/HHP Instructor Search Committee
Summer 2012 Assistant Athletic Trainer (Football/Men's Basketball) Search Committee

Summer 2012	Assistant Athletic Trainer (Women's Volleyball/Basketball) Search Committee
2011	Assistant Professor of Exercise Science Search Committee
2010-2011	HHP Department Head Search Committee
2010-2011	Assistant Athletic Trainer Search Committee
Summer 2010	Assistant Athletic Trainer Search Committee
2009-2010	Assistant Professor of Sport & Recreation Management Search Committee
Spring 2009:	Assistant Professor for Health & Human Performance Search Committee
Fall 2008:	Assistant Professor/Exercise Physiology Search Committee
Spring 2008:	Undergraduate Brochure Committee
Spring 2008:	Honor's Committee
2007-present:	Strategic Planning Committee
2007-present:	Athletic Training Education Committee (Chair 2010 to present)
Central Methodist University	
2006-2007:	Athletic Training Education Program Committee: Self-Study for Reaccreditation
University of Texas at Arlington	
2003-2005:	College of Education Dean's Student Advisory Group

HONORS, AWARDS, AND LISTINGS

Employee Recognition Program Service Award – Texas A&M University - Commerce
September 2011

Teaching Excellence Award from the Texas A&M University System
Spring 2010

Who's Who in Health Sciences Higher Education
2010

University Scholar Award – University of Texas at Arlington
Academic year 2004-2005

Alert Services, Lem Cox Scholarship – Southwest Athletic Trainers' Association
July 2004

National Athletic Trainers' Association Research and Education Foundation
Masters Scholarship – June 2004

College of Education Graduate Dean's Masters Fellowship – University of Texas at Arlington
Academic years 2003-2005

Lone Star Conference Academic Award for Athletic Training Students – Angelo State University
Academic year 2002-2003

Holland's Award for Athletic Training – Angelo State University
April 2003

Carr Academic Scholarship – Angelo State University
August 2000 – August 2003

Alpha Chi National College Honor Scholarship Society – Angelo State University
Inducted April 2002

PUBLICATIONS

Journals (refereed)

Mitchell, S.M., Trowbridge, C.A., Fincher, A.L., and Cramer, J.T. Effect of diathermy on muscle temperature, electromyography and mechanomyography. *Muscle and Nerve*. 38:992-1004, 2008.

Cramer, J.T., Beck, T.W., Housh, T.J., Massey, L.L., **Marek, S.M.**, Danglemaier, S., Purkayastha, S., Culbertson, J.Y., Fitz, K.A., and Egan, A.D. Acute effects of static stretching on characteristics of the isokinetic angle-torque relationship, surface electromyography, and mechanomyography. *Journal of Sport Sciences*. 25(6):687-98, 2007.

Egan, A.D., Cramer, J.T., Massey, L.L., and **Marek, S.M.** Acute effects of static stretching on peak torque and mean power output in NCAA Division I women's basketball players. *Journal of Strength and Conditioning Research*. 20(4):778-82, 2006.

Purkayastha, S., Cramer, J.T., Trowbridge, C.A., Fincher, A.L., and **Marek, S.M.** Surface electromyographic amplitude-to-work ratios during isokinetic and isotonic muscle actions. *Journal of Athletic Training*. 41(3):314-320, 2006.

Marek, S.M., Cramer, J.T., Fincher, A.L., Massey, L.L., Dangelmaier, S.M., Purkayastha, S., Fitz, K.A., and Culbertson, J.Y. Static and proprioceptive neuromuscular facilitation stretching elicited acute changes in muscle strength and power output. *Journal of Athletic Training*. 40(2):94-103, 2005.

PRESENTATIONS

International and National

Marek, S.M., Fincher, A.L., Trowbridge, C.A., and Cramer, J.T. The thermal effects of pulsed shortwave diathermy on muscle force production, electromyography, and mechanomyography. *National Athletic Trainers' Association Annual Meeting and Clinical Symposium*. (Free Communications Poster Presentation) Anaheim, CA; June 29, 2007.

Cramer, J.T., Massey, L.L., **Marek, S.M.**, and A.D. Egan. Time course for the acute effects of static stretching on muscle strength and power output in NCAA Division I Women's Basketball players. *Journal of Strength and Conditioning Research*, 19(4): e11. (Oral/slide Presentation at the NSCA Annual National Conference, 2005, Las Vegas.)

Egan, A.D., Cramer, J.T., Massey, L.L., **Marek, S.M.**, Danglemeier, S., Purkayastha, S., Culbertson, J.Y., and K.A. Fitz. Acute effects of static stretching on the angle-torque relationship during isokinetic leg extensions in women. *Journal of Strength and Conditioning Research*, 19(4): e13. (Poster Presentation at the NSCA Annual National Conference, 2005, Las Vegas.)

Regional Presentations

Marek, S.M., Fincher, A.L., Trowbridge, C.A., and Cramer, J.T. The thermal effects of pulsed shortwave diathermy on muscle force production, electromyography, and mechanomyography. *Southwest Athletic Trainers' Association Annual Meeting*. (poster presentation) Houston, TX; July 21, 2005.

State and Local

Marek, S.M. The thermal effects of pulsed shortwave diathermy on muscle force production, electromyography, and mechanomyography. (study completed) *UTA Department of Kinesiology Exercise Science Seminar*. Arlington, TX; May 6, 2005.

Marek, S.M., Cramer, J.T., Fincher, A.L., Massey, L.L., Dangelmaier, S.M., Purkayastha, S., Fitz, K.A., and Culbertson, J.Y. Acute effects of static and proprioceptive neuromuscular facilitation stretching on muscle strength and power output. *Texas Chapter of the American College of Sports Medicine Annual Meeting*. (poster presentation) Dallas, TX; March 4, 2005.

Marek, S.M. Maintaining a Healthy Lifestyle. *Texas Department of Transportation; Milam County Maintenance Office Safety Meeting*. Cameron, TX; December 15, 2004.

Marek, S.M. The thermal effects of pulsed shortwave diathermy on electromyography and mechanomyography. (study proposal) *UTA Department of Kinesiology Exercise Science Seminar*. Arlington, TX; November 17, 2004.

Marek, S.M. Acute effects of static and PNF stretching on peak torque and electromyographic amplitude during maximal, concentric isokinetic muscle actions at 60 and 300 deg/sec. *UTA Annual Celebration of Excellence by Student*. (poster presentation) Arlington, TX; April 2, 2004.

Marek, S.M. Acute effects of static and proprioceptive neuromuscular facilitation stretching on peak torque during isokinetic muscle actions. *UTA College of Education Research Day*. (poster presentation) Arlington, TX; Spring 2004.

Marek, S.M. Acute effects of static and proprioceptive neuromuscular facilitation (PNF) stretching on muscle strength and joint range of motion. *UTA Department of Kinesiology Applied Kinesiology Research Symposium*. (poster presentation) Arlington, TX; Fall 2003.

Invited Presentations

Mitchell, S.M. Manual Muscle Testing Lab. *6th Annual SWATA Athletic Training Student Professional Competency Workshop*. Arlington, TX. (January 25, 2014).

Mitchell, S. M. Domain II: Clinical Evaluation and Diagnosis, Part II. *5th Annual SWATA Athletic Training Student Professional Competency Workshop*. Irving, TX. (January 26, 2013).

Mitchell, S. M. Domain II: Clinical Evaluation and Diagnosis, Part I. *5th Annual SWATA Athletic Training Student Professional Competency Workshop*. Irving, TX. (January 25, 2013).

Mitchell, S. M. Domain II: Clinical Evaluation and Diagnosis, Part II. *4th Annual SWATA Athletic Training Student Professional Competency Workshop*. Irving, TX. (January 28, 2012).

Mitchell, S. M. Domain II: Clinical Evaluation and Diagnosis, Part I. *4th Annual SWATA Athletic Training Student Professional Competency Workshop*. Irving, TX. (January 27, 2012).

SERVICE ACTIVITIES

Texas Advisory Board of Athletic Trainers

Clerical Help for Licensure Exam – April 25, 2010

Examiner for Licensure Exam – December 6, 2009, April 26, 2009

Examiner for Licensure Exam: Ft. Worth, TX – April 26, 2009

Model for Licensure Exam: Ft. Worth, TX – April 27, 2008

Relay for Life – Member of Athletic Training Society Team

TAMU-Commerce – April 12-13, 2013

TAMU-Commerce – April 13-14, 2012

TAMU-Commerce – April 15-16, 2011

TAMU-Commerce – April 16-17, 2010

TAMU-Commerce – April 17-18, 2009

TAMU-Commerce – April 4-5, 2008

Susan G. Komen Breast Cancer Foundation 3-Day Walk – Sports Medicine Crew Volunteer

Dallas/Ft. Worth, TX – November 4, 2011

Dallas/Ft. Worth, TX – November 6, 2009

Dallas/Ft. Worth, TX – November 7, 2008

Dallas/Ft. Worth, TX – October 27, 2007

Dallas/Ft. Worth, TX – June 10-12, 2005

Annual Celebration of Excellence – Invited Research Poster Presentation Judge
University of Texas at Arlington – March 28, 2008
Commerce Big Event – Community service event
Commerce, TX – April 5, 2008