

Alison R. Snyder

Work

A.T. Still University
Department of Interdisciplinary Health Sciences
Athletic Training Program
5850 E. Still Circle
Mesa, AZ 85206
(480) 219-6034
arsnyder@atsu.edu

Home

521 W. Ensueno Ct.
Gilbert, AZ 85233
(480) 246-1857

Educational Background

Post-Ph.D.	July 2008	The University of Michigan	Graduate Certificate in Epidemiology
Ph.D.	December 2004	The University of Toledo Toledo, OH	Exercise Science: Applied Physiology Minor: Anatomy
M.S.	May 2002	The University of Toledo Toledo, OH	Exercise Science: Applied Physiology
B.A.	May 1997	Whitman College Walla Walla, WA	Psychology Minor: Physical Education

Title of Doctoral Dissertation: The acute influence of static and ballistic stretching on the biomechanics and muscle activity associated with the hamstring stretch

Ph.D. Examination Areas: Exercise Physiology, Statistics, Administration of Curriculum Programs, Skeletal Muscle Physiology, Biomechanics, Biochemistry, Pathophysiology, Neuroanatomy, Human Anatomy

Title of Master's Thesis: Effect of monophasic high voltage stimulation on markers of muscle injury and inflammation

Title of Bachelor's Thesis: Attitudes towards varsity athletes at a small liberal arts college

Post-Doctoral Education

University of Michigan School of Public Health, Graduate Summer Session, Ann Arbor, MI	Introduction to Systematic Review & Meta-Analysis (1 credit)	2008
	Causal Inference & Causal Regression Models (1 credit)	2008
	Social Epidemiology (1 credit)	2008
	Successful Scientific Writing (1 credit)	2008
	Introduction to SAS (1 credit)	2008
	Epidemiology and Health Policy (1 credit)	2008
	Clinical Epidemiology and Evidence-Based Decision Making (1 credit)	2007
	Design and Conduct of Clinical Trials (1 credit)	2007
	Analysis of Clinical Trials (1 credit)	2007
	Applied Linear Regression (1 credit)	2007
	Logistic Regression & Poisson Models (1 credit)	2007
	Survival Analysis (1 credit)	2007
	Biostatistics (3 credits)	2006
	Introduction to Epidemiology (3 credits)	2006
Harvard School of Public Health, Boston, MA	Measurement, Design and Analysis Methods for Health Outcomes Research	2005

Professional Experience

Professional Positions

Associate Professor	April 2009 – present	A.T. Still University
Assistant Director of Research Support	July 2009 – present	A.T. Still University
Director, Center for Clinical Outcomes Studies	July 2009 - present	A.T. Still University
Assistant Professor	August 2004- present	A.T. Still University
Clinical Education Coordinator	August 2004- August 2008	A.T. Still University
Anatomy Instructor, Arizona School of Massage Therapy	2004-2006	A.T. Still University
Gatorade Hydration Specialist	May 2005- present	GMR Marketing
Approved Clinical Instructor	June 2005- 2007	A.T. Still University
Applied Physiology Research Assistant	2002-2004	The University of Toledo
Graduate Teaching Assistant	2000-2004	The University of Toledo
Head Athletic Trainer	1999-2000	Summerfield High School
Head Athletic Trainer	1998-1999	Whiteford Agricultural School
Graduate Assistant Athletic Trainer	1998-2000	Healthsouth Sports Medicine and Rehabilitation Center
Intern Student Athletic Trainer	1997-1998	Whitman College
Intramural Coordinator and Chairman	1994-1998	Whitman College

Courses Taught

Healthcare Outcomes (Doctoral Level)	Summer Course	University of Kentucky (Invited teaching opportunity)
Patient-Oriented Assessment	1 quarter	A.T. Still University
Introduction to Clinical Outcomes Research	2 quarter	A.T. Still University

Healthcare Outcomes, Department of Interdisciplinary Health Sciences	3 quarters	A.T. Still University
Healthcare Outcomes, Athletic Training	6 quarters	A.T. Still University
Documentation in Sports Health Care	1 quarter	A.T. Still University
Advanced Practices	13 quarters	A.T. Still University
Professional Experiences	4 quarters	A.T. Still University
Biomechanical Applications to Sports Health Care Research	2 quarters	A.T. Still University
Physician Assistant Anatomy	6 quarters	A.T. Still University
Proposal and Grant Writing	1 quarter	A.T. Still University
Dissemination of Information	1 quarter	A.T. Still University
Medical Physiology	1 quarter	A.T. Still University
Introduction to Clinical Athletic Training	4 semesters	The University of Toledo
Upper Extremity and Trunk Injury Evaluation	1 semester	The University of Toledo
Advanced Injury Evaluation	2 semesters	The University of Toledo
Therapeutic Modalities in Athletic Training	3 semesters	The University of Toledo
Therapeutic Modalities in Athletic Training Lab	2 semesters	The University of Toledo
Human Physiology Lab	4 semesters	The University of Toledo
Exercise Physiology Lab	1 semester	The University of Toledo
Human Anatomy Lab	1 semester	The University of Toledo
Athletic Training Clinical Skills Assessment	4 semesters	The University of Toledo
Guest Lecturer Human Physiology		The University of Toledo
Guest Lecturer Human Anatomy		The University of Toledo

Scholarship

Grants Funded

National Operating Committee on Standards for Athletic Equipment (NOCSAE), February 2009, \$102,153	The effect of sport-related concussion on cognition, balance, symptoms and health-related quality of life in adolescent athletes. (Investigator)	2010-2012
Headache Foundation, March 2009, Funded for \$10,000	A Prospective Investigation of Impairment and Disability Following Concussion in Pediatric Athletes (Investigator)	2009-2010
National Athletic Trainers' Association Foundation, March 2008, \$107,013	The Clinical Outcomes Research Education for Athletic Trainers (CORE-AT) Project: Training Clinical Researchers for Evidence-Based Practice (Co-Principal Investigator)	2008-2011
Strategic Research Fund Grant, A.T. Still University, \$7,265	A Comparison of Self-Report and Proxy Assessment of General and Oral Health-Related Quality of Life in Adult Dental Patients with Special Needs (Principal Investigator)	July 2007 – July 2009
NATA Research and Education Foundation Post-Doctoral Research Fellowship, \$71,457	Outcomes Research in Athletic Training	July 2006 – July 2009
Strategic Research Initiative Grant, A.T. Still University, \$24,214 + Research Associate	Health-Related Quality of Life in Adolescents with Sport-Related Musculoskeletal Injury (Co-Principal Investigator)	July 2006- July 2008
NATA Research and Education Foundation Doctoral Research Grant, \$2,500	Aggressive Application of Monophasic High Voltage Stimulation (Co-Investigator)	2000

Grant Applications

NATA Research and Education Foundation: Outcomes Grant (\$437,938)	Health-Related Quality of Life Outcomes Following Sport-Related Injuries in Adolescent Athletes and the Associated Practice Characteristics and Estimated Costs of Care of Secondary School Athletic Training Rehabilitation Services	2010 - Not funded
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National Athletic Trainers' Association, Outcomes Advisory Panel, January 2009, \$125,000/yr for 3 years.	The CORE-AT Injury Surveillance and Clinical Outcomes Project. (Co-Principle Investigator)	2009 – Not funded
National Athletic Trainers' Association Foundation, February 2007, \$109,672	A prospective investigation of impairment and disability following concussion in pediatric athletes (Investigator)	2007 – Not funded
NATA Research and Education Foundation Post-Doctoral Research Fellowship, \$73,285	Outcomes Research in Athletic Training	2005 – Not funded
NATA Research and Education Foundation Osternig Masters Grant, \$1,000	The Influence of Static Stretching and Massage on Hip Flexion Range of Motion (Advisor)	2005 - Not funded

Refereed Journal Publications

Tanabe T, **Snyder AR**, Bay RC, Valovich McLeod TC. Representative Values of Health-Related Quality of Life Among Female and Male Adolescent Athletes and the Impact of Gender. *Athletic Training and Sports Health Care. Athl Train Sports Health Care.* 2010; 2(3):106-112.

Snyder AR, Martinez JC, Bay RC, Parsons JT, Sauers EL, Valovich McLeod TC. Health-related quality of life differs between adolescent athletes and non-athletes. *Journal of Sport Rehabilitation.* 2010; 19 (3)

Valovich McLeod TC, Bay RC, **Snyder AR**. A Self-Report History of Concussion Affects Health-Related Quality of Life in Adolescent Athletes. *Athl Train Sports Health Care.* [In Press].

Kuehl MD, **Snyder AR**, Erickson SE, Valovich McLeod TC. Impact of prior concussions on health-related quality of life in collegiate athletes. *Clin J Sports Med.* 2010;20:86-91.

Snyder AR. Many popular shoulder pathology special tests have limited diagnostic ability. *Athletic Training and Sports Health Care.* 2009; 1(6):256-258.

Valovich McLeod TC, Bay RC, Parsons JT, Sauers EL, **Snyder AR**. Health-Related Quality of Life is Affected by Recent Injury in Adolescent Athletes. *Journal of Athletic Training.* 2009; 44(6):603-610.

Piebes SK, **Snyder AR**, Bay RC, Valovich McLeod TC. Psychometric Properties of the Headache Impact Test and Pediatric Migraine Disability Assessment for Measuring the Impact of Headache on Health-Related Quality of Life in Athletes. *Journal of Sport Rehabilitation.* [In press]

Young IA, Michener LA, Cleland JA, Aguilera A, **Snyder AR**. Manual therapy, exercise and traction for patients with cervical radiculopathy: a randomized clinical trial. *Journal of Physical Therapy,* 2009; 89(7): 632-42.

Snyder, AR, Parsons, JT, Valovich McLeod, TC, Bay, C, Michener, LA, Sauers, EL. Utilizing disablement models and clinical outcomes assessment to enable evidence-based athletic training practice : part I – disablement models. *Journal of Athletic Training*, 2008: 43(4):428-436.

Winner of the 2008 Journal of Athletic Training's Clint Thompson Award for Clinical Advancement.

Valovich McLeod, TC, **Snyder, AR**, Parsons, JT, Bay, C, Michener, LA, Sauers, EL. Utilizing disablement models and clinical outcomes assessment to enable evidence-based athletic training practice : part II – clinical outcomes assessment. *Journal of Athletic Training*, 2008: 43(4): 437-445.

Second runner up for the 2008 Journal of Athletic Training's Clint Thompson Award for Clinical Advancement.

Parsons, JT, Valovich McLeod, TC, **Snyder, AR**, Sauers, EL. Change is Hard: Adopting A Disablement Model for Athletic Training? *Journal of Athletic Training*, 2008: 43(4): 446- 448.

Michener, LA, **Snyder, AR**. Evaluation of Health-Related Quality of Life in Patients with Shoulder Pain: Are We Doing the Best We Can? *Clinics in Sports Medicine*, 2008: 27(3): 491-505.

Snyder, AR, Valovich McLeod, TC. Selecting patient-based outcome measures. *Athletic Therapy Today*, 2007: 12(6):12-15.

Snyder, AR, Valovich McLeod, T.C. Sauers, EL. Defining, valuing, and teaching clinical outcomes assessment in professional and post-professional athletic training education programs. *Athletic Training Education Journal*, 2007: 2(2): 31-41.

Sauers, EL, August, A, **Snyder, AR**. Faulty stretching routine produces acute gains in throwing shoulder mobility in collegiate baseball players. *Journal of Sports Rehabilitation*, 2007: 16(1):1-13.

Snyder, AR, Valovich McLeod, TC, & Hartman, AJ. The impact of stretching on sports-injury risk and performance. *Athletic Therapy Today*, 2006: 11(6): 66-69.

McLoughlin, TJ, **Snyder, AR**, Brolinson, PG, Pizza, FX. Sensory level electrical muscle stimulation: effect on markers of muscle injury. *British Journal of Sports Medicine*. 2004; 38(6): 725-729.

Refereed Journal Publications In Review

Sauers EL, Dykstra DL, Bay RC, Huxel KC, **Snyder AR**. The Relationships between Upper Extremity Injury History, Present Pain Rating and Health-Related Quality of Life in Female Softball Pitchers. *Journal of Sport Rehabilitation*. [In review]

Parsons, JP, **Snyder, AR**. Health-Related Quality of Life as a Primary Clinical Outcome in Sports Rehabilitation. [In review]

Bosch P, **Snyder AR**, Varga M, Scherr T. Differences in shoulder muscle activation patterns during proprioceptive neuromuscular facilitation using manual and elastic band resistance. *Athletic Training and Sports Health Care*. [In review]

Cervantes SJ, **Snyder AR**. The Effectiveness of a Dynamic Warm-Up on Improving Performance in Collegiate Athletes. *Journal of Sport Rehabilitation*. [In review]

Snyder AR, Perotti AL, Bay RC. The Influence of High Volt Electrical Stimulation on Edema Formation Following Acute Injury: A Systematic Review of the Literature. *Journal of Sport Rehabilitation*. [In review]

Michener LA, **Snyder AR**, Leggin BG. Responsiveness of the numeric pain rating scale (NPRS) in patients with shoulder pain. *Journal of Sport Rehabilitation*. [In review]

Refereed Abstracts

Snyder AR, Vela LI, Parson JT. The reliability of an instrument to measure the utilization of patient-rated measures of outcome in athletic training: an initial report. *Submitted to the National Athletic Trainers' Association Educator's Conference. Washington, D.C.; February 2011.*

Snyder AR, Sauers EL, Valovich McLeod TC. T Clinical outcomes assessment: an interdisciplinary approach to education and research. *Submitted to the Association of Schools of Allied Health Professions 2010 Annual Conference. Charlotte, NC; October 2010.*

Valovich McLeod TC, **Snyder AR**, Parsons JT, Bay RC, Sauers EL. The Clinical Outcomes Research Education for Athletic Trainers (CORE-AT) Project: Training Clinical Researchers for Evidence-Based Practice. *Submitted to the Association of Schools of Allied Health Professions 2010 Annual Conference. Charlotte, NC; October 2010.*

Sauers EL, Valovich McLeod TC, Snyder AR. The Secondary School Athletic Training Practice Based Research Network. *Submitted to the Association of Schools of Allied Health Professions 2010 Annual Conference. Charlotte, NC; October 2010.*

Romer ME, **Snyder AR**, Lam KC, Bay RC. Dental Patients with Special Needs: Reports of Quality of Life. *Accepted for Presentation at the International Association of Dental Research Annual Symposia, Barcelona, Spain, July 2010.*

Romer ME, **Snyder AR**, Lam KC, Bay RC. Clinical Usefulness of Proxy Report of Health-related Quality of Life in Adult Dental Patients with Special Needs. *Submitted to the International Association for Dentistry and Oral Health Annual Symposia, Ghent, Belgium, August 2010.*

Valovich McLeod TC, Bay RC, Lam K, Parsons JT, **Snyder AR**. Self-report concussion history negatively impacts headache, fatigue, and general health-related quality of life. *Brain Injury*. 2010;24(3):107

Snyder AR, Bay RC, Parsons JT, Sauers EL, Valovich McLeod TC. A Comparison of Clinician-Rated and Patient-Rated Health-Related Quality of Life Following Sport-Related Musculoskeletal Injury. *Submitted to the NATA Free Communications Session, Philadelphia, PA: June 2010.*

Ferro JE, **Snyder AR**, Kingma J. Comparison of Measurement Techniques in the Assessment of Hip Flexion Angle. *Submitted to the NATA Free Communications Session, Philadelphia, PA: June 2010.*

Valovich McLeod TC, Bay RC, Lam KC, **Snyder AR**. Health-Related Quality of Life Following Sport-Related Concussion in Adolescent Athletes. *Submitted to the NATA Free Communications Session, Philadelphia, PA; June 2010.*

Huxel KC, Sauers EL, Bay RC, **Snyder AR**. The Relationships Between Injury Status, Self-Reported Pain, Injury History and the Functional Arm Scale for Throwers[®] (FAST[®]) in Baseball Athletes. *Submitted to the NATA Free Communications Session, Philadelphia, PA; June 2010.*

Bay RC, Lam KC, **Snyder AR**, Mathieson K, Valovich McLeod TC. Factor Structure of Health Related Quality of Life in Male and Female Adolescent Athletes with a History of Concussion. *Submitted to the NATA Free Communications Session, Philadelphia, PA; June 2010.*

Parsons JT, Lam KC, Bay RC, Mathieson K, **Snyder AR**, Valovich McLeod TC. Health-Related Quality of Life: Gender Differences Between Adolescent Athletes. *Submitted to the NATA Free Communications Session, Philadelphia, PA; June 2010.*

Parsons JT, **Snyder AR**, Fried A, Wade R. Evidence-based and Critical Appraisal Characteristics of the Journal of Athletic Training: 2002-2006. *Journal of Athletic Training.* 2009;44(3 Suppl): S98

Bay RC, **Snyder AR**, Parsons JT, Sauers EL, Valovich McLeod TC. Deficits in Health-Related Quality of Life Following Sport-Related Musculoskeletal Injury in Adolescent Athletes. *Journal of Athletic Training.* 2009;44(3 Suppl): S9

Kuehl MD, Freeman WK, Erickson SE, **Snyder AR**, Valovich McLeod TC. Increased Frequency of Prior Concussions is Associated with Greater Impact of Headache and Lower Quality of Life in Collegiate Athletes. *Journal of Athletic Training.* 2009;44(3 Suppl): S44

Piebes SK, **Snyder AR**, Valovich McLeod TC. Headache and Headache-Related Quality of Life in Adolescent Athletes: Implications for Concussion Assessment. *Journal of Athletic Training.* 2009;44(3 Suppl): S44

Tanabe T, Valovich McLeod TC, Bay RC, **Snyder AR**. A Comparison of Health-Related Quality of Life Between Male and Female Adolescent Athletes. *Journal of Athletic Training.* 2009;44(3 Suppl): S9

Bosch P, **Snyder AR**, Varga M, Scherr T. Differences in Shoulder Muscle Activation Patterns During Proprioceptive Neuromuscular Facilitation Using Manual and Theraband Resistance. Accepted: 2009 APTA Combined Sections Meeting in Las Vegas, NV

Valovich McLeod TC, Bay RC, **Snyder AR**. Adolescent Athletes With A Self-Report History of Sport-Related Concussion Demonstrate Lower Health-Related Quality of Life. *Accepted: 3rd International Conference on Concussion in Sport. October 2008, Zurich, Switzerland.*

Teeters JC, Valovich McLeod TC, Bay RC, Martinez JC, Parsons JP, Sauers EL, **Snyder AR**. Cross-Sectional Study of the Health-Related Quality of Life Using the Pediatric Data Collection Instrument in an Adolescent Population. *J Ath Train*, 43(3), S-93, 2008.

Martinez JC, Valovich McLeod TC, Bay RC, Teeters JC, Parsons JP, Sauers EL, **Snyder AR**. Cross-Sectional Study of the Health-Related Quality of Life Using the Medical Outcomes Short Form in an Adolescent Population. *J Ath Train*, 43(3), S-93, 2008.

Perotti AL, Bay RC, **Snyder AR**. The Influence of High Volt Electrical Stimulation on Edema Formation Following Acute Injury: A Systematic Review of the Literature. *J Ath Train*, 43(3), S-87, 2008.

Snyder AR, Sandersen A, Michener LA. The Influence of a Professional Baseball Short Season on Patient-Reported Scores on the Disabilities of the Arm, Shoulder, and Hand Outcome Instrument. Accepted: Rocky Mountain Athletic Trainers' Association Annual Symposium, 2008.

Piebes SK, Bay RC, **Snyder AR**, Valovich McLeod TC. The Reliability of the Headache Impact Test and Pediatric Migraine Disability Assessment for Measuring the Impact of Headache on Health-Related Quality of Life in Adolescents. *J Ath Train*, 43(3), S-92, 2008.

Valovich McLeod TC, Bay RC, Teeters JC, Parsons JT, Sauers EL, **Snyder AR**. Health-Related Quality of Life is Affected by Recent Injury in Adolescents. *J Ath Train*, 43(3), S-92, 2008.

Dykstra DL, Bay RC, **Snyder AR**, Sauers EL. The Relationship Between Pitching, Injury and Pain History and Health-Related Quality of Life in High School and College Female Softball Pitchers. *J Ath Train*, 43(3), S-22, 2008.

Ellery TE, Sauers EL, **Snyder AR**, Bay RC. The Design and Development of the Functional Arm Scale for Throwers[®] (FAST[®]). *J Ath Train*, 43(3), S-51, 2008.

Young IA, Michener LA, Cleland JA, Aguilera AJ, **Snyder, AR**. Conservative Treatment of Cervical Radiculopathy: A Case Series. *J Ortho Sports Phys Ther*, 38 (1), 2008.

Snyder, AR, Bohls, CJ, Valovich McLeod, TC. Hip muscle activation during variations of band walk exercises. *J Ath Train* 42 (2), S-76, 2007.

Snyder, AR, Gribble, GA, Nolan, KJ, Yeasting, RA, Armstrong, CW. The relationship of stretching distance and hip angle following static and ballistic stretching. *J Ath Train* 41 (2), S-82, 2006.

Nelson, VR, Multer, CE, **Snyder, AR**. The immediate effects of resistance training on athletic performance in softball players. *Medicine and Science in Sports and Exercise* 36(5), S167, 2004.

Multer, CE, **Snyder AR**, Smith, CE. Vertical jump, sit and reach, and soreness responses to two weeks of ballistic, static, or progressive velocity stretching. *Journal of Athletic Training*, 38(2), S108, 2003.

Snyder, AR, McLoughlin, TJ, Brolinson, PG, Pizza, FX. The effect of electrical muscle stimulation on markers of muscle injury. *Medicine and Science in Sports and Exercise*, 33(5), S1102, 2001.

McLoughlin, TJ, **Snyder, AR**, Brolinson, PG, Pizza, FX. Aggressive application of monophasic high-voltage stimulation provides a transitory reduction in delayed-onset muscle soreness after injurious exercise. *Journal of Athletic Training*, 36(2), S64, 2001.

McGregor, SM, **Snyder, AR**, Pizza, FX. Herbal supplementation in highly trained cyclists during a period of intensified competition. *Medicine and Science in Sports and Exercise*, 32(5), S465, 2000.

Journal Publications in Preparation

Bohls CJ, Valovich McLeod TC, Falsone S, Anderson BA, **Snyder AR**. Comparison of Hip Muscle Activation During Two Different Positions of Lateral Band Walks. Submit to: *Athletic Training and Sports Health Care*.

Parson JT, Wade R, Fried A, **Snyder AR**. Evidence-Based and Critical Appraisal Characteristics of Athletic Training Literature/JAT: between 2002-2006. Submit to: *Journal of Athletic Training*.

Ferro JE, Kingma J, **Snyder AR**. Comparing measurement techniques in the assessment of hip flexion range-of-motion. Submit to: *Athletic Training and Sports Health Care*.

Sauers EL, Ellery TL, Bay RC, Huxel K, **Snyder AR**. The design and development of a region specific patient self-report scale for throwing athletes: the functional arm scale for throwers[®] (FAST[®]). Submit to: *Journal of Athletic Training*

Snyder, AR, Valovich McLeod, TC. Incorporating evidence-based medicine into athletic training education programs. Submit to: *Athletic Therapy Today*.

Snyder AR, Bay RC, Parsons JT, Sauers EL, Valovich McLeod TC. A Comparison of Clinician-Rated and Patient-Rated Health-Related Quality of Life Following Sport-Related Musculoskeletal Injury. Submit to: *Journal of Athletic Training*.

Snyder, AR, Gribble, GA, Nolan, KJ, Yeasting, RA, Armstrong, CW. The relationship of stretching distance and hip angle following static and ballistic stretching. Submit to: *Journal of Sport Rehabilitation*.

Sauers, EL, Goldman, B, Johnson, MP, **Snyder, AR**. The acute effectiveness of PNF stretching and joint mobilizations for increasing posterior shoulder mobility of the professional baseball player. Submit to: *Journal of Orthopedic and Sport Physical Therapy*.

Non-Refereed Publications

Snyder AR. Meeting Legislators – Rewarding, Memorable, and Important. *The Arizona Athletic Training Times*. 2007; 21(4):2.

Valovich McLeod TC, **Snyder AR**. Advance yourself to advance the profession. *NATA News*. 2007;3:54-55.

Acknowledgements for Scholarly Contribution

Korr, IM and McGovern, RJ. *Living Long & Loving It: Achieving a Health and Active Lifestyle*. Prometheus Books. 2008.

Tommasone, BA, Valovich McLeod, TC. Contact Sports Concussion Incidence. *Journal of Athletic Training*. 2006; 41(4), 470-472.

Thesis Committees (Primary Thesis Advisor)

Califano, K. Health-related quality of life of multi-sport athletes. Athletic Training Program Master's Thesis, Arizona School of Health Sciences; 2009-2011.

Swank, E. Health-related quality of life of adolescent athletes seeking physician consultation. Athletic Training Program Master's Thesis, Arizona School of Health Sciences; 2008-2010.

Mohr, K. Systematic review of health-related quality of life in adolescent athletes with sport-related injury. Athletic Training Program Master's Thesis, Arizona School of Health Sciences; 2008-2010. (Co-Advisor)

Ferro, JE. Comparing measurement techniques in the assessment of hip flexion range-of-motion. Athletic Training Program Master's Thesis, Arizona School of Health Sciences; 2007-2009.

Jennings AL. Description of the use of clinical outcomes assessment in athletic training clinical practice. Athletic Training Program Master's Thesis, Arizona School of Health Sciences; 2007-2009.

Fredericks A. Cost Assessment of Athletic Training Services in the Secondary School Setting. Athletic Training Program Master's Thesis, Arizona School of Health Sciences; 2007-2009.

Tanabe T. Health-Related Quality of Life of Male and Female Adolescent Athletes. Athletic Training Program Master's Thesis, Arizona School of Health Sciences; 2007-2009.

Enz J. The Influence of Two Different Stretching Techniques on Hip Range of Motion, Pain, and Vertical Jump. Athletic Training Program Master's Thesis, Arizona School of Health Sciences; 2007-2009.

Martinez JC. Cross-Sectional Study of the Health-Related Quality of Life Using the Medical Outcomes Short Form and the Pediatric Data Collection Instrument in an Adolescent Population. Athletic Training Program Master's Thesis, Arizona School of Health Sciences; 2006-2008.

Parsley AR. The Relationship Between Clinician- and Patient-Based Outcome Measures in Patients with Anterior Knee Pain. Athletic Training Program Master's Thesis, Arizona School of Health Sciences; 2006-2008.

Perotti AL. The Influence of High Volt Electrical Stimulation on Edema Formation Following Acute Injury: A Systematic Review of the Literature. Athletic Training Program Master's Thesis, Arizona School of Health Sciences; 2005-2007.

Peace L. Glenohumeral Range of Motion in Youth Club Volleyball Athletes. Athletic Training Program Master's Thesis, Arizona School of Health Sciences; 2005-2007.

Sandersen A. The Influence of a Professional Baseball Short Season on Patient-Reported Scores on the Disabilities of the Arm, Shoulder, and Hand Outcome Instrument. Athletic Training Program Master's Thesis, Arizona School of Health Sciences; 2005-2007.

Wade R. Development of a Reliable Coding Scheme for Health Profession Journals. Athletic Training Program Master's Thesis, Arizona School of Health Sciences; 2005-2007.

Cervantes S. The Cross Education Effects of a Repeated Agonist Reversal PNF Strengthening Technique Applied to the Hamstrings of Young Healthy Male Individuals. Athletic Training Program Master's Thesis, Arizona School of Health Sciences; 2004-2006.

Miller AA. The Influence of Static Stretching and Massage on Hip Flexion Range of Motion. Athletic Training Program Master's Thesis, Arizona School of Health Sciences; 2004-2006.

Professional Service

Invited Presentations

Patient-Based Outcome Measures: The Shoulder, A.T. Still University, Mesa, AZ. January 11, 2010.

Medical Documentation: Key Considerations, A.T. Still University, Mesa, AZ. March 27, 2009.

Bridging the Education Gap: Integrating Clinical Outcomes Assessment into Clinical Practice, National Athletic Trainers' Association Educators Conference, Washington D.C., February 20, 2009.

Assessment of Healthcare Outcomes.....Not a Simple Issue, Virginia Commonwealth University, Richmond, VA, January 2007.

Promoting Life-Long Physical Activity. Arizona School of Health Sciences, Physician Assistant Program. June 2006.

Cadaver Anatomy: A Review Seminar for the Clinician. VeriEd. Mesa, Arizona; March 11-12, 2006.

Corona Del Sol Career Day, Speaker. Tempe, Arizona; September 20, 2005.

Cadaver Anatomy: A Review Seminar for the Clinician. VeriEd. Mesa, Arizona; February 5-6, 2005.

Presentations

Snyder AR, Neuman M, Nicoletto T. AT Day at the Capitol 2010. A.T. Still University, Mesa, AZ February 2010.

Snyder, AR, A.T. Still University: Research 101: *Inaugural Faculty Seminar*. A.T. Still University, Mesa, AZ December 2009.

Snyder, AR, Parsons, JT. Injuries Matter: Disability and Health-Related Quality of Life in Athletes. *Rocky Mountain Athletic Trainers' Association, Phoenix, AZ, May 1, 2008*.

Snyder, AR. Validating our treatment: documenting patient improvement – knee self-report outcome measures. *National Athletic Trainers' Association Annual Symposium, Anaheim, CA, June 29, 2007*

Snyder, AR, Parsons, JT. Injuries Matter: Disability and Health-Related Quality of Life in Athletes. *National Athletic Trainers' Association Annual Symposium, Anaheim, CA, June 29, 2007*

Snyder, AR. Enhancing Upper Extremity Evaluation Through the Use of Clinical Outcomes Measures. *Arizona Athletic Trainers' Association, Winter Symposium, Brophy Preparatory Academy, Phoenix, AZ, February 11, 2007*

Snyder, AR. Breakout Session: Clinical Outcomes and Athletic Training Education: Moving Forward. *National Athletic Trainers' Association Educators Conference, Dallas, TX, January 12-14, 2007*

Multer, CE, **Snyder, AR**, and Smith, CE. Vertical jump, sit and reach, and soreness response to two-weeks of ballistic, static, or progressive velocity stretching. *National Athletic Trainers' Association Annual Meeting, St. Louis, MO. June 2003*.

Snyder, AR, McLoughlin, TJ, Brolinson, PG, Pizza, FX. The effect of electrical muscle stimulation on markers of muscle injury. *American College of Sports Medicine Annual Meeting, Baltimore, MD. June 2001*.

Media Interviews

Better Homes and Gardens. Interview with James McCommons. April 14, 2006. Stretching and Fitness Advice for Baby Boomers. Publish date: August 2006

Editorial Experience

Guest Editor, Journal of Sport Rehabilitation Special Issue: <i>Clinical Outcomes Assessment in Sport Rehabilitation</i>	2009
Journal of Athletic Training, Reviewer	2008 – present
Athletic Training and Sports Health Care, Reviewer	2008 – present
Journal of Sports Rehabilitation, Reviewer	2009 – present

Committee Involvement

National

Outcomes Advisory Panel, National Athletic Trainers' Association	May 2007- present
National Athletic Trainers' Association Research and Education Foundation, Grant Reviewer	November 2007- present

Local/Institutional

Governmental Affairs Committee, Member, Arizona Athletic Trainers' Association AZATA Spring Sports Raffle, Regional Contact, 2007, 2008	2006 - present
Coordinator, Athletic Training Outcomes Working Group	2005 - present
Assembly Affairs Committee, A.T. Still University Secretary, 2008-present Chair, 2007-2008	2007-present
Member, ATSU Student Research Symposium Planning Committee	2009
Advancement & Planning Committee, A.T. Still University Secretary, 2006 - 2007	2006-2007
Institutional Review Board, A.T. Still University	2004-2006
Appointments & Elections Committee, A.T. Still University	2005
Academic Promotions Board, A.T. Still University	2005
Academic Affairs Committee, A.T. Still University Secretary, 2005-2006	2004-2006
Self-Study Committee for CAAHEP-Accredited Athletic Training Program, The University of Toledo	2000-2001

Volunteer Activities

High School Cadaver Anatomy Workshop Coordinator (ATSU); 12 Workshops	Spring 2005
Volunteer: Faculty and Staff Wellness Evaluations (ATSU)	2005, 2006
Volunteer: Rock and Roll Marathon Medical Team, Phoenix, AZ	2005, 2006, 2009, 2010

Supervisor of First Year Athletic Training Students, The University of Toledo	2000-2004
Visiting Host for The University of Toledo Football Games	2000-2003
Conducted Varsity Athlete Physical Updates, The University of Toledo	2000-2003
Created and Administered Biannual Mock Oral Practical Examination for Senior Athletic Training Students, The University of Toledo	2000-2002
ATC Coverage for The University of Toledo Men's and Women's Swimming Competitions	2002-2003
ATC Coverage for The University of Toledo Men's and Women's Tennis Matches	2001-2004

Moderating

Moderator: "Getting Published: From Manuscript Submission to Publication" (Workshop) National Athletic Trainers' Association Clinical Symposium	June 2006
Moderator: "Professional Ethics: Being Good and Doing Good in a Challenging Practice Setting" (Workshop) National Athletic Trainers' Association Clinical Symposium	June 2006
Moderator: "Spring Testing for Evaluation of Lumbopelvic Pathologies" (Workshop) National Athletic Trainers' Association Clinical Symposium	June 2005
Moderator: "Responding to MRSA/Staph Infection Outbreaks" (Workshop) National Athletic Trainers' Association Clinical Symposium	June 2005
Moderator: "Early Career Financial Planning" (Workshop) National Athletic Trainers' Association Clinical Symposium	June 2005

Certifications and Memberships

Certifications

Certified Athletic Trainer, National Athletic Trainers' Association	1998-present
Licensed Athletic Trainer, State of Arizona	2004-present
American Red Cross CPR for the Professional Rescuer	1997-present

Professional Memberships

National Athletic Trainers' Association	1997-present
Kappa Kappa Gamma Sorority	1993-present

Honors

2009 Scholar of the Year, A.T. Still University, Arizona School of Health Sciences	2009
Outstanding Master's Degree Student, The University of Toledo	2000-2001
Bill Robertson Graduate Scholarship: Northwest Athletic Trainers' Association	1998

Continuing Education

Arizona Athletic Trainers' Association, Winter Symposium, Xavier College Preparatory, Phoenix, AZ	2010
Annual Conference, National Athletic Trainers' Association, San Antonio, TX	2009
National Athletic Trainers' Association Educators Conference, Washington, D.C.	2009
Arizona Athletic Trainers' Association, Winter Symposium, Phoenix, AZ	2009
Annual Conference, National Athletic Trainers' Association, St. Louis, MO	2008
Arizona Athletic Trainers' Association, Winter Symposium, Phoenix, AZ	2008
Annual Conference, National Athletic Trainers' Association, Anaheim, CA	2007
Arizona Athletic Trainers' Association, Winter Symposium, Brophy Preparatory Academy, Phoenix, AZ	2007
National Athletic Trainers' Association Educators Conference, Dallas, TX	2006
Annual Conference, National Athletic Trainers' Association, Atlanta, GA	2006

Concussion in Student Athletes, Arizona School of Health Sciences, A.T. Still University	2006
Annual Winter Meeting, Arizona Athletic Trainers' Association, Phoenix, AZ	2006
Summit: <i>"Infusing Evidence-Based Medicine into Athletic Training and Clinical Practice,"</i> National Athletic Trainers' Association, Research and Education Foundation	2005
Annual Conference, National Athletic Trainers' Association, Indianapolis, IN	2005
Annual Conference, Rocky Mountain Athletic Trainers' Association, Phoenix, AZ	2005
National Athletic Trainers' Association Athletic Training Educators' Conference, Houston, TX	2005
Annual Winter Meeting, Arizona Athletic Trainers' Association, Mesa, AZ	2004
Evaluating and Managing Thoracic Trauma and Disease in the Athlete, Mesa, AZ	2004
Annual Conference, National Athletic Trainers' Association, Baltimore, MD	2003
Annual Conference, Midwest American College of Sports Medicine, Bowling Green, OH	2003
Annual Conference, American Society of Biomechanics, Toledo, OH	2001
Annual Conference, American College of Sports Medicine, Baltimore, MD	2001
Annual Conference, National Athletic Trainers' Association, Los Angeles, CA	2000
Annual Conference, American College of Sports Medicine, Indianapolis, IN	2000
Annual Conference, National Athletic Trainers' Association, Nashville, TN	1999
Annual Conference, National Athletic Trainers' Association, St. Louis, MO	1998
Annual Conference, National Athletic Trainers' Association, Baltimore, MD	1998

District 10 Annual Conference, Northwest Athletic Trainers' Association, Tacoma, WA

1998