

Alison R. Snyder

Work

A.T. Still University
Department of Interdisciplinary Health Sciences
Athletic Training Program
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Mesa, AZ 85206
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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 |

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|--|-------------|--------------------------|
| Healthcare Outcomes, Department of Interdisciplinary Health Sciences | 2 quarters | A.T. Still University |
| Healthcare Outcomes, Athletic Training | 4 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

| | | |
|---|---|--------------------------|
| 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 2008 |
| 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

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|---|---|----------------------|
| 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 | In Review |
| 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 |

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|--|--|-------------------|
| 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

Snyder AR. Many popular shoulder pathology special tests are not diagnostic. *Athletic Training and Sports Health Care*. [In press]

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*. [In press]

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*. [In press]

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**. Faults 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

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]

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*. [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]

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[®]). *American Journal of Sports Medicine*. [In review]

Refereed Abstracts

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

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

Parsons, JP, **Snyder, AR**. Injuries matter: Disability and health-related quality of life in athletes. Submit to: *Journal of Sport Rehabilitation*.

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)

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. A Self-Report Survey of the Athletic Trainers Perception of the Impact of Sport-Related Injury on Adolescent Health-Related Quality of Life. 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

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, 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

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|---|----------------|
| 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

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|---|------------------------|
| 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

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| 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 |
| 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

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|---|------------------|
| | Spring 2005 |
| High School Cadaver Anatomy Workshop Coordinator (ATSU); 12 Workshops | 2005, 2006 |
| Volunteer: Faculty and Staff Wellness Evaluations (ATSU) | 2005, 2006, 2009 |
| Volunteer: Rock and Roll Marathon Medical Team, Phoenix, AZ | 2000-2004 |
| Supervisor of First Year Athletic Training Students, The University of Toledo | 2000-2003 |
| Visiting Host for The University of Toledo Football Games | 2000-2003 |
| Conducted Varsity Athlete Physical Updates, The University of Toledo | 2000-2002 |
| Created and Administered Biannual Mock Oral Practical Examination for Senior Athletic Training Students, The University of Toledo | 2002-2003 |
| ATC Coverage for The University of Toledo Men's and Women's Swimming Competitions | 2001-2004 |
| ATC Coverage for The University of Toledo Men's and Women's Tennis Matches | |

Moderating

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| 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

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|---|--------------|
| 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

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

Honors

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|---|-----------|
| Outstanding Master's Degree Student, The University of Toledo | 2000-2001 |
| Bill Robertson Graduate Scholarship: Northwest Athletic Trainers' Association | 1998 |

Continuing Education

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| 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 |

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| 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, | 2000 |

Indianapolis, IN

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