

Kellie Huxel Bliven, PhD, ATC

Contact

Interdisciplinary Health Sciences
5850 E. Still Circle
A.T. Still University
Arizona School of Health Sciences
Phone: (480) 219-6191
E-mail: kbliven@atsu.edu

I. BACKGROUND INFORMATION

A. Professional Preparation

- 2005 Doctor of Philosophy, Temple University, Philadelphia, PA
Major Area of Study: Kinesiology and Athletic Training
Dissertation: Gender differences in muscle recruitment and stiffness regulation strategies of the shoulder.
- 2000 Master of Science, Indiana University, Bloomington, IN
Major Area of Study: Kinesiology, Specialization in Athletic Training
NATA Graduate Approved Curriculum
- 1999 A.T.C. Athletic Training Certification, National Athletic Trainers' Association Board of Certification
- 1999 Bachelor of Arts, Denison University, Granville, OH
Major Areas of Study: Biology & Physical Education, Concentration in Sports Medicine

B. Professional Positions

- 2011 – present Associate Professor, Anatomy Program, Department of Interdisciplinary Health Sciences, A.T. Still University, Mesa, AZ
- 2008 – 2011 Assistant Professor, Anatomy Program, Department of Interdisciplinary Health Sciences, A.T. Still University, Mesa, AZ
- 2007-2008 Interim Program Director, Undergraduate Athletic Training Program, Athletic Training Department, Indiana State University, Terre Haute, IN
- 2007-2008 Director, Sports Injury Research Laboratory, College of Nursing, Health and Human Services, Indiana State University, Terre Haute, IN
- 2005-2008 Assistant Professor, Athletic Training Department, Indiana State University, Terre Haute, IN
- 2002-2005 Laboratory Coordinator, Department of Kinesiology, Temple University, Philadelphia, PA

2002-2005	Teaching & Research Assistant, Department of Kinesiology, Temple University, Philadelphia, PA
2000-2001	Instructor, Undergraduate Athletic Training Program, Appalachian State University, Boone, NC
2000-2001	Assistant Athletic Trainer, Appalachian State University, Boone, NC
1999-2000	Graduate Assistant Athletic Trainer, Women's Rowing, Indiana University, Bloomington, IN

C. Professional Certifications & Licenses

10/2008 – present	Licensed Athletic Trainer, State of Arizona Board of Athletic Trainers. License No. 0858
2005-2008	Licensed Athletic Trainer, Health Professions Bureau, Indiana Athletic Training Board License. License No. 36001242A
2001-2002	Licensed Athletic Trainer, Medical Bureau, Pennsylvania Athletic Training Board
2001 -2003	Examiner, National Athletic Trainers' Board of Certification
1999-present	Certified Member, National Athletic Trainers' Association/ Board of Certification Member No. 974646; Certification No. 119902123
1994-present	Professional Rescuer CPR, AED Certification

D. Professional Memberships

2010-present	American Association of Clinical Anatomists
2009-present	American Society of Shoulder and Elbow Therapists
2008-present	Arizona Athletic Trainers' Association
2005-2008	Indiana Athletic Trainers' Association
2005-2008	Great Lakes Athletic Trainers' Association
2001-2005	Pennsylvania Athletic Trainers' Association
2000-2001	North Carolina Athletic Trainers' Association
2000-2005	Mid-Atlantic Athletic Trainers' Association
1999-present	National Athletic Trainers' Association

E. Professional Recognition

2007	First Place Winner for Master's Oral Presentation Free Communications Student Award. (June 2007). National Athletic Trainers' Association, Research & Education Foundation. Fath PL, Swanik KA, Thomas SJ, Huxel KC , Tierney RT. The Effects of Scapular Fatigue on Glenohumeral and Elbow Kinematics during Overhead Throwing in Collegiate Baseball Players. <i>Journal of Athletic Training</i> . 2007;42(2): S-9.
------	---

- 2005 Master's Oral Presentation Free Communications Student Award Finalist. (June 2005). National Athletic Trainers' Association, Research & Education Foundation, Suzuki H, Swanik KA, **Huxel KC**, Kelly JD IV. The Effect of Isolated Scapular Muscle Fatigue on Shoulder and Elbow Kinematics. *Journal of Athletic Training*. 2005;40(2): S-24.
- 2005 First Place Winner for Scientific Exhibit, Sports Medicine/Arthroscopy Section, (February 2005) American Academy of Orthopaedic Surgeons, Swanik CB, Swanik, KA, **Huxel KC**, Tierney RT, Hamstra KL, Hillstrom HJ. *Drop Jumps from an Unknown Height: A Gender Comparison of EMG and Kinematics*, Washington DC.
- 2004 Doctoral Oral Presentation Free Communications Student Award Finalist. (June 2004) National Athletic Trainers' Association, Research & Education Foundation, **Huxel KC**, Swanik KA, Swanik CB, Kelly JD IV, Patel M. Recruitment and co-activation of the glenohumeral force couples during functional upper extremity exercises. *Journal of Athletic Training*. 2004;39(2): S-43.

II. TEACHING

A. Courses Taught

A.T. Still University, Arizona School of Health Sciences

- ASDOH 541 – Head & Neck Anatomy (lab instructor), January 2009, 2010, August 2010, 2011
- AT 5310 – Advanced Practice: Throwing Seminar, Spring 2009, 2010, 2011
- AT 6060 – Neurophysiology of the Sensorimotor System, Fall 2009, 2010, 2011
- HS 510 - Human Anatomy I (lab instructor), Fall 2008, 2009, 2010, 2011
- HS 511 – Anatomy for Audiologist, Fall 2008, 2009, 2010, 2011
- HS 520 – Human Anatomy II (lab instructor), Winter 2008, 2009, 2010, 2011
- PA 500 – Clinical Anatomy, Summer 2009, 2010, 2011

Indiana State University, Athletic Training Department

Undergraduate courses:

- ATTR 280 – Clinical Kinesiology, Spring 2008
- ATTR 363 - Athletic Injury Evaluation of Lower Extremity, 2005-2008
- ATTR 365 - Athletic Injury Evaluation of Upper Extremity, 2005-2008
- ATTR 475 - Therapeutic Exercise, 2005-2008

Graduate courses:

- ATTR 662 - Athletic Trauma – Upper Extremity, 2005-2008
- ATTR 686 – Rehabilitative Biomechanics, Fall 2007
- ATTR 691 – Research Methods in Athletic Training, Summer II 2007
- ATTR 698 – Sports Injury Research Seminar, Summer I 2008

Temple University

- KIN C100 – Human Anatomy and Physiology Lab, 2002-2004
- KIN 142 – Basic Techniques in Athletic Training, Spring 2003
- KIN 202 – Biomechanics Laboratory, 2002-2005

Appalachian State University

- AT 1600 – Introduction to Athletic Training, 2000-2001
- AT 2100 – Athletic Training Seminar, Spring 2001
- AT 2533 – Athletic Training Clinical Laboratory IV, 2000-2001
- AT 3534 – Advanced Anatomy & Physiology Laboratory, Spring 2001

B. Student Advising

Masters' Theses or Research Projects

2011 – present	3 graduate students (3 Co-Chair)
2010 – 2011	7 graduate students (3 Chair, 4 Co-Chair)
2009-2010	8 graduate students (4 Chair, 3 Co-Chair; 1 Committee member)
2008-2009	11 graduate students (3 Chair, 4 Co-Chair; 4 Committee member)
2007-2008	9 graduate students (5 Chair; 4 Committee member)
2006-2007	11 graduate students (2 Chair; 9 Committee member)
2005-2006	5 graduate students (1 Chair; 4 Committee member)

Undergraduate Research Projects

2005-2007	1 undergraduate student (Chair)
-----------	---------------------------------

Undergraduate Academic Advising

2007-2008	39 undergraduates (20-1 st yr; 6-2 nd yr; 9-3 rd yr; 4-4 th yr students)
2006-2007	22 undergraduates (8-1 st yr; 14-2 nd year students)
2005-2006	20 undergraduates (all 1 st yr students)

III. SCHOLARSHIP

A. Publications

Textbook and Ancillary Material Contributions

Tokish TM, Kozlowski RJ, **Huxel Bliven K.** (Anticipated: 2012). Chapter 22 - Rehabilitation: Return-to-Play and In-Season Guidelines. In M. Provencher (Ed.), *Shoulder Instability, 1st edition*. Elsevier.

Lephart SM, Swanik CB, Fu FH, and **Huxel K.** (Editions: 2003 and 2010). Reestablishing Neuromuscular Control. In W.E. Prentice (Ed.), *Rehabilitation Techniques in Sports Medicine, 5th edition*. New York, NY: McGraw-Hill.

Parr GP and **Huxel KC.** (February 2008). *Faculty Resource Center to accompany Foundations of Sports Injury Management: Prevention, Assessment, and Management, 4th edition*. Baltimore, MD: Lippincott Williams & Wilkins. Format: On-line.

Parr GP and **Huxel KC.** (February 2008). *Student Resource Center to accompany Foundations of Sports Injury Management: Prevention, Assessment, and Management, 4th edition*. Baltimore, MD: Lippincott Williams & Wilkins. Format: On-line.

Refereed Research Publications

Swanik KA, **Bliven KH**, Swanik CB. An electromyographic analysis of glenohumeral coactivation characteristics during functional rehabilitation exercises. *Journal of Sport Rehabilitation*. (accepted)

Sauers EL, Dykstra DL, Bay RC, Bliven KH, Snyder AR. The relationships between injury history, present pain rating and health-related quality of life in female softball pitchers. *Journal of Sport Rehabilitation*. 2011;20:100-114.

Okada T, **Huxel KC**, Nesser TW. The relationship between core stability, functional movement, and performance. *Journal of Strength Conditioning Research*. 2011;25:252-261.

Miller KC, Stone MS, **Huxel KC**, Edwards JE. Exercise associated muscle cramps: Causes, treatment, and prevention. *Sports Health: A Multidisciplinary Approach*. 2010;2:279-283.

Bartosik KE, Sitler MR, Hillstrom HJ, Palamarchuk H, **Huxel KC**, Kim E. Anatomical and biomechanical assessments of medial tibial stress syndrome. *Journal of the American Podiatric Medical Association*. 2010;100:121-132.

Thomas SJ, Swanik KA, Swanik CB, **Huxel KC**, Kelly JD. Change in Glenohumeral Rotation and Scapular Position After Competitive High School Baseball. *Journal of Sport Rehabilitation*. 2010;19:125-135.

Stone MB, Edwards JE, **Huxel KC**, Cordova ML, Ingersoll CD, Babington JP, Chen J. Threshold frequency of an electrically induced cramp increases following a repeated, localized fatiguing exercise. *Journal of Sports Sciences*. 2010;28:399-406.

Thomas SJ, Swanik KA, Swanik CB, **Huxel KC**. Glenohumeral rotation and scapular position adaptations after a single high school female sports season. *Journal of Athletic Training*. 2009;44: 230-237.

Nesser TW, **Huxel KC**, Tincher JL, Okada T. The relationship between core stability and performance in Division I football players. *Journal of Strength & Conditioning Research*. 2008;22: 1750-1754.

Siegmund JA, **Huxel KC**, Swanik CB. Compensatory mechanisms in basketball players with jumper's knee. *Journal of Sport Rehabilitation*. 2008;17:358-371.

Hardy L, **Huxel KC**, Brucker JB, Nesser T. Prophylactic ankle braces do not affect star excursion balance measures in uninjured subjects. *Journal of Athletic Training*. 2008;43: 347-351.

Huxel KC, Swanik CB, Swanik KA, Bartolozzi A, Hillstrom HJ, Sitler MR, & Moffit DM. Stiffness regulation and muscle recruitment strategies of the shoulder. *Journal of Bone & Joint Surgery (Am)*. 2008;90: 154-162.

Driban JB, Swanik CB, **Huxel KC**, Balasubramanian E. Transient electrical changes measured immediately following surgical trauma. *Journal of Athletic Training*. 2007;42: 524-529.

Suzuki H, Swanik KA, **Huxel KC**, Kelly JD IV & Swanik CB. Alterations in upper extremity motion following scapular muscle fatigue. *Journal of Sport Rehabilitation*. 2006;15: 71-88.

Hamstra-Wright KL, Swanik CB, Sitler MR, Swanik KA, Ferber R, Ridenour M & **Huxel KC**. Gender comparisons of dynamic restraint and motor skill in children. *Clinical Journal of Sport Medicine*. 2006;16: 56-62.

Swanik KA, Swanik CB, Lephart SM, & **Huxel K**. The effect of functional training on the incidence of shoulder pain and strength in intercollegiate swimmers. *Journal of Sport Rehabilitation*. 2002;11: 140-154.

Manuscripts In-Review

Hamstra-Wright KL, **Huxel Bliven K**. Critically appraised topic: Effectiveness exercises for targeting the gluteus medius. *Journal of Sport Rehabilitation*.

Huxel Bliven K, Hamstra-Wright KL. Critically appraised topic: The effectiveness of external rotation immobilization following initial shoulder dislocation on reducing recurrence rates. *Journal of Sport Rehabilitation*.

Natale J, Swanik KA, Tierney RT, **Huxel Bliven K**, Thomas SJ. The effect of shoulder plyometric training on scapular upward rotation. *Athletic Training & Sports Health Care*.

Manuscripts In-Preparation

Fath PL, **Huxel Bliven K**, Thomas SJ, Swanik KA. The Effects of Scapular Fatigue on Glenohumeral and Elbow Kinematics during Overhead Throwing in Collegiate Baseball Players

Huxel Bliven K, Swanik CB, Swanik KA, Hamstra-Wright K. Sex differences in laxity, neuromuscular control, and stiffness at the shoulder.

Sauers EL, Johnson M, Keuter G, Falsone S, **Huxel Bliven K**, Walters SL. The relationship between hip and shoulder range of motion in healthy professional baseball players.

B. Refereed Published Abstracts

i) Oral Presentations at Conference

Bay RC, **Huxel Bliven K**, Snyder Valier AR, Lam KC, Sauers EL. Item Reduction and Factor Distribution of the Functional Arm Scale for Throwers (FAST). *Journal of Athletic Training*. 2011;46:S-32.

Cayton SJ, **Huxel Bliven K**, Valovich McLeod TC, Bay RC. Early Phase Shoulder Rehabilitation Exercises: Activation of Scapular Muscle Ratios Between Glenohumeral Pathology Patients and Healthy Controls. *Journal of Athletic Training*. 2011; 46:S-34.

Huxel Bliven K, Parsons JT, Bay RC, Snyder AT, Lam KC, Valovich McLeod TC. Employment Characteristics Predict Presence of Team Physician in Secondary School Athletic Training Practice Setting. *Journal of Athletic Training*. 2011;46:S-89.

Nicollelo T, Parsons JT, **Huxel Bliven K**, Bay RC, Snyder AR, Lam KC, Valovich McLeod TC. Personal and School Characteristics Predict the Employment Model of Secondary School Athletic Trainers. *Journal of Athletic Training*. 2011;46:S-89.

VonHolten SL, Sauers EL, **Huxel Bliven K**, Bay RC. The Relationship Between Clinical Tests for Scapular Dyskinesis and Health-Related Quality of Life Assessed Via Two Upper Extremity Self-Report Scales in Patients with Shoulder Versus Lower Extremity Pain. *Journal of Athletic Training*. 2011;46:S-51.

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. *Journal of Athletic Training*. 2010;45: S-11.

Huxel KC, Sauers EL, Bay RC. (2009, October). The Relationships Between Injury Status, Self-Reported Pain, Injury History and the Functional Arm Scale for Throwers® (FAST) in Baseball Athletes. American Society of Shoulder and Elbow Therapists. New York City, NY.

Sauers EL, Thigpen C, **Huxel KC**, Bay RC. (2009, October). The Relationships Between Self-Reported Pain and Injury History, the Functional Arm Scale for Throwers® (FAST), and the Disabilities of the Arm, Shoulder, and Hand (DASH) in Adolescent Baseball Pitchers. American Society of Shoulder and Elbow Therapists. New York City, NY.

Swanik KA, Swanik CB, Thomas SJ, **Huxel KC**, Kelly JD. The effect of shoulder plyometric training on selective muscle recruitment and glenohumeral force couple co-activation strategies. *Journal of Athletic Training*. 2009;44: S-39.

Compton CJ, Godwin CN, Brucker JB, Demchak TJ, Edwards JE, **Huxel KC**. Effect of walking while cooling the quadriceps intramuscular tissues following a 20-minute bout of running. *Journal of Athletic Training*. 2008;43: S-58.

Ellis SC, Priddy ML, Demchak TJ, Brucker JB, **Huxel KC**. Moistness level of hot pack covers does not effect anterior thigh temperatures. *Journal of Athletic Training*. 2008;43: S-56-57.

Lange T, Diehl R, Brucker KB, Demchak TJ, **Huxel KC**. Effect of two different athletic short barriers on interface and intramuscular temperatures following exercise. *Journal of Athletic Training*. 2008;43: S-57.

Swanik KA, Swanik CB, Thomas SJ, **Huxel KC**, Kelly JD. The effect of shoulder plyometric training on amortization time and upper extremity kinesematics. *Journal of Athletic Training*. 2008;43: S-19.

Takeuchi S, Brucker JB, Demchak TJ, **Huxel KC**, Edwards JE. The effect of lower extremity ergometry on deltoid interface and intramuscular temperatures during and after a 30-minute 1-kg ice bag treatment. *Journal of Athletic Training*. 2008;43: S-57.

Buitrago E, Siebert EG, **Huxel KC** (presenter), Demchak T. Glenohumeral motion and strength changes during a competitive high school baseball season. *Journal of Athletic Training*. 2007;42: S-22.

Fath PL, Swanik KA, Thomas SJ, **Huxel KC**, Tierney RT. The effects of scapular fatigue on glenohumeral and elbow kinematics during overhead throwing in collegiate baseball players. *Journal of Athletic Training*. 2007;42:S-9.

Thomas SJ, Swanik KA, Swanik CB, **Huxel KC**. Glenohumeral rotation and scapular position change following high school sports. *Journal of Athletic Training*. 2007;42: S-22.

Huxel KC, Swanik CB, Swanik KA, Bartolozzi A, Hillstrom HJ, Sitler MR, & Moffit DM. Muscle activation and stiffness regulation of the shoulder. *Journal of Athletic Training*. 2006;41:S-33.

Suzuki H, Swanik KA, **Huxel KC**, Kelly JD IV. The effect of isolated scapular muscle fatigue on shoulder and elbow kinematics. *Journal of Athletic Training*. 2005;40: S-24.

Hamstra KL, Swanik CB, Sitler MR, Ridenour M, Ferber R, Swanik KA, & **Huxel K**. Neuromuscular coordination and dynamic restraint in children of varying skill levels. *Journal of Athletic Training*. 2004;39: S-66.

Huxel K, Swanik KA, Swanik CB, Patel M, & Kelly J. Recruitment and coactivation of the glenohumeral force couples during functional upper extremity exercises. *Journal of Athletic Training*. 2004;39: S-43.

Swanik CB, Swanik KA, **Huxel KC**, Hamstra KL. Gender differences in drop jumps from unknown heights: An EMG and kinematic analysis. *Journal of Athletic Training*. 2004;39: S-14.

Swanik CB, Swanik KA, **Huxel KC**, Tierney RT, Hamstra KL, & Hillstrom HJ. EMG and kinematic analysis of drop jumps from an unknown height: A mechanism for non-contact injuries. *Journal of Athletic Training*. 2003;38: S-18.

Hamstra KL, Swanik CB, Tierney RT, **Huxel KC**, & Cherubini JM. The relationship between muscle tone and dynamic restraint in the physically active. *Journal of Athletic Training*. 2002;37: S-41.

Cherubini JM, Tierney RT, Hamstra KL, **Huxel KC**, & Swanik CB. The relationship among anxiety, coping resources, mood states, and muscle tone. In, Association for the Advancement of Applied Sport Psychology - 2002 Conference Proceedings, p. 56. Denton, TX: Ron Jon Publishing, Inc.

ii) Poster Presentations at Conference

Moore AL, Silvey JR, Brucker JB, Demchak TJ, **Huxel KC**. The effect of intramuscular tissue temperature on hamstring extensibility. *Journal of Athletic Training*. 2008;43: S-87.

Huxel KC, Karstens HN, Edwards JE. Selective activation of muscle spindles using passive motion effects the threshold frequency of an electrically induced muscle cramp. *American Journal of Sports Medicine*. 2008 Annual Meeting, Indianapolis, IN.

Stemmans CL, Harada N, **Huxel KC**. Predicting factors of work stress in secondary school athletic trainers. *Journal of Athletic Training*. 2008;43: S-139.

Huxel KC, Swanik CB, Swanik KA, Bartolozzi A, Hillstrom HJ, Sitler MR, Moffit DM. Muscle activation and stiffness regulation of the shoulder differ between males and females. *Journal of Athletic Training*. 2007;42: S-127.

Thomas SJ, Swanik KA, Swanik CB, **Huxel KC**, Kelly JD. Glenohumeral rotation and scapular position change following competitive high school baseball. *American Orthopaedic Society for Sports Medicine*. 2006; Hershey, PA.

Thomas SJ, Swanik KA, Swanik CB, & **Huxel KC**. Glenohumeral rotation and scapular position change following competitive high school sports. *Eastern Athletic Trainers' Association Annual Meeting*. 2006; Philadelphia, PA.

Bartosik KE, Sitler MR, Hillstrom HJ, Palamarchuk H, **Huxel KC**, Kim E. Anatomical and biomechanical assessments of medial tibial stress syndrome. *Journal of Athletic Training*. 2005;40: S-99.

Swanik CB, Swanik KA, **Huxel KC**, Tierney RT, Hamstra KL, Hillstrom HJ. Drop jumps from an unknown height: A gender comparison of EMG and kinematics for non-contact injury mechanisms. *American Academy of Orthopaedic Surgeons Annual Meeting*. 2005; Washington, DC.

Driban JB, Swanik CB, Swanik KA, **Huxel KC**, Balasubramanian E. Transient electrical changes immediately following muscle trauma. *Journal of Athletic Training*. 2004;39: S-92.

Siegmund JA, Swanik CB, Swanik KA, **Huxel KC**. Differences in jump performance and kinematics between basketball players with and without jumper's knee. *Journal of Athletic Training*. 2003;38: S-105.

C. Research Grants and Contracts

Funded Grant Requests

\$ 1,000: National Athletic Trainers' Association: Research & Education Foundation, Osternig Master's Grant. (2010, December). Moeller C. Electromyographic analysis of scapular stabilizers in functional shoulder rehabilitation exercises. Role: Faculty advisor.

\$40,399: Strategic Research Fund, A.T. Still University. (2010, May). **Huxel Bliven K** and Parsons JT. The comparative effectiveness of an electronic medical record (EMR) system and access improvements, and performance feedback reporting on EMR utilization within the secondary school athletic training practice-based research network (SSAT-PBRN). Role: Co-primary investigator.

\$6,000: National Athletic Trainers' Association. (2009, June). Valovich McLeod TM. National sports safety in secondary schools benchmark™. Role: Co-investigator.

\$ 1,000: National Athletic Trainers' Association: Research & Education Foundation, Osternig Master's Grant. (2009, April). Cayton SJ. Differences in scapular activation and ratios during early phase rehabilitation exercises. Role: Faculty advisor.

\$ 3,800: Warner/Fermaturo and ATSU Board, A.T. Still University. (2009, April). **Huxel KC**. Joint stability and health status in individuals with glenohumeral instability.

\$ 5,840: University Research Committee Grant, Indiana State University. (2008, January). **Huxel KC**. Stabilizing strategies of the shoulder in healthy older adults.

\$70,526: National Athletic Trainers' Association: Research & Education Foundation. (2005, February). Swanik KA, Swanik CB, **Huxel K**. The effect of shoulder plyometric training on muscle activation strategies and kinematics.

\$3,765: Nesar Systems. Swanik, CB, **Huxel, K**, Driban, JB, Martin, T. (2003, July). The effect of the Nesar™ 150 shoulder Slide in improving shoulder range of motion and strength in patients with adhesive capsulitis.

\$1000: National Athletic Trainers' Association, Research & Education Foundation. (2002, May). Driban JB, Swanik CB, **Huxel K**, Lorei MP. The transient electrical properties of muscle tissue immediately following injury.

Unfunded Grant Requests

\$275,000: Robert Wood Johnson Foundation. (Preproposal submitted May 2010). Snyder AR, Valovich McLeod TC. Improving quality and value in secondary school athletic training healthcare. Role: Co investigator.

\$437,938: National Athletic Trainers' Association, Research and Education Foundation. (2009, August). Snyder AR, Valovich McLeod TM. 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. Role: co-investigator.

\$374,990: National Athletic Trainers' Association. (2009, April). Snyder AR, Valovich McLeod TM. Injury surveillance and clinical outcomes research enhancement project (iSCORE). Role: co-investigator.

\$3,000: Eastern Athletic Trainers' Association, Inc. **Huxel K.**, Swanik KA, Swanik CB. (2004, April). Muscle activation recruitment and stiffness regulation strategies in the shoulder.

\$80,601: National Athletic Trainers' Association: Research & Education Foundation. (2003, May). Swanik KA, Swanik CB, **Huxel K.** The effect of shoulder plyometric training on muscle activation strategies and kinematics.

IV. SERVICE

A. A. T. Still University

Co-Chair, ATSU Research and Scholarship Strategic Plan, Training and Development Group (Summer 2011)

Member, ATSU Research and Scholarship Strategic Plan, Steering Committee (June 2011 – present)

Member, ATSU Research and Scholarship Strategic Plan, Core Themes Group (Summer 2011)

Member, ATSU Research and Scholarship Strategic Plan Working Group (Spring 2011)

Member, Arizona Institutional Review Board (October 2010 – present)

Arizona School of Health Sciences

Member, ASHS Assessment Advisory Committee (September 2010 – present)

Member, ASHS Student Research Symposium Steering Committee (June 2009 – Nov. 2009)

Faculty Representative, Promotion & Tenure Committee, ASHS (2008-2010)

Member, Assembly Affairs Committee, Arizona School of Health Sciences (2008-2010)

B. Indiana State University

Member, Advisory Board for Career Center (Spring 2008)

Interviewer & Selection Committee Member, Presidential Scholar Candidates (February 2008)

Secretary, Graduate Council Standing Committee, Program Development Committee (2007-2008)

College of Nursing, Health, & Human Services/ College of Health & Human Performance

Secretary, Programs & Mission Subcommittee (Summer 2007)

Member, Development Director Search Committee (Summer 2006)

Member, Program Prioritization Committee (Spring 2006)

Volunteer, Student Recruitment Activities (2005 – 2008)

Athletic Training Department

Interim Program Director, Undergraduate Athletic Training Education Program (2007 – 2008)

Chair, Undergraduate Education Committee (Spring 2008)

Member, Graduate Education Committee (2005 – 2008)

Member, Faculty Advisory Committee (2005 – 2008)

Member, Undergraduate & Clinical Education Committee (2005 – 2007)

Volunteer, Indiana State University Pre-Participation Physicals (Summer 2005 & 2006)

C. Editorial Service

Associate Editor, *Journal of Sport Rehabilitation* (2007 – present)
Editorial Board Member, *Journal of Sport Rehabilitation* (2006 – 2007)
Editorial Assistant, *Journal of Sport Rehabilitation* (2004 –2006)
Reviewer, *Research in Sports Medicine: An International Journal* (2009- present)
Reviewer, *Sports Health: A Multidisciplinary Approach* (2008- present)
Reviewer, *Athletic Training & Sports Health Care* (2008- present)
Reviewer, *Clinical Anatomy* (2008- present)
Reviewer, *Journal of Athletic Training* (2006 – present)
Reviewer, *Journal of Sport Rehabilitation* (2003 – 2007)

D. Professional, National Service

Chair, Research Committee, American Society of Shoulder & Elbow Therapists (2010 – present)
Member, National Athletic Trainers' Association Board of Certification (NATA-BOC) Examination Development Committee (2006 – present)
Grant Reviewer, National Athletic Trainers' Association, Research and Education Foundation (2005 – present)
Reviewer, NATA-BOC Home Study Programs for Continuing Education (2004 – present)
Examiner, NATA-BOC Oral Practical portion of the Certification Exam (2002 – 2007)
Member, NATA-BOC Examination Development, Written Simulation Sub-Committee (2004 – 2006)

E. Invited Symposium Presentations and Lectures

Huxel Bliven K. (2011, February). Shoulder Stabilization and Exercises to Achieve It. Arizona Athletic Trainers' Association, Winter meeting, Mesa, AZ.
Huxel KC. (2008, March). Shoulder Stabilization & Injury Prevention. Indiana NSCA Annual Clinic. Carmel, IN.
Huxel KC and Laudner K. (2007, June). Injury Prevention in the Overhead Athlete. Discussant, Special Interest Group, National Athletic Trainers' Association Annual Meeting & Symposium, Anaheim, CA.
Huxel KC and Krause BA. (2007, January). Neuromuscular Control: Importance and Application in Rehabilitation. Dale S. Googins Lecture Series, Denison University Sportsmedicine. Granville, OH.
Huxel KC. (2005, June). Gender Considerations in Shoulder Assessment. National Athletic Trainers' Association Annual Meeting & Symposium, Workshop, Indianapolis, IN.
Huxel KC. (2002, May). Current Trends in the Management of Patellofemoral Dysfunction, Pennsylvania Athletic Trainers' Society Annual Meeting, Harrisburg, PA.

F. Symposium Moderator

Huxel KC. (2007, June) Moderator, Workshop: Developing a Crisis Intervention Team in a University Setting by J. Konin, National Athletic Trainers' Association Annual Meeting & Symposium, Anaheim, CA.
Huxel KC. (2006, June). Moderator, Session: Shoulder Special Interest Group, National Athletic Trainers' Association Annual Meeting & Symposium, Atlanta, GA.

Huxel KC. (2006, June). Moderator, Session: Labral Pathology in the Shoulder, National Athletic Trainers' Association Annual Meeting & Symposium, Symposia Session, Atlanta, GA.

Huxel KC. (2005, June). Moderator, Session: Scapular Dyskinesis, National Athletic Trainers' Association Annual Meeting & Symposium, Research & Education Foundation Free Communication Oral Presentation, Indianapolis, IN.

Huxel KC. (2004, June). Moderator, Session: Elbow Biomechanics, Injuries, and Rehabilitation in the Throwing, National Athletic Trainers' Association Annual Meeting & Symposium, Symposia Session, Baltimore, MD.

Huxel KC. (2003, June). Moderator, Minicourse: Role of the Scapula in Assessing Glenohumeral Impingement, National Athletic Trainers' Association Annual Meeting & Symposium, St. Louis, MO.

Huxel KC. (2003, June). Moderator, Session: Neuromuscular Control II, National Athletic Trainers' Association Annual Meeting & Symposium, Research & Education Foundation Free Communication Oral Presentation, St. Louis, MO.

G. Community Service

Faculty representative, ATSU Family Health & Wellness Day (February 2011)

Participant, Concussion baseline testing in Valley high schools (August 2010 – present)

Volunteer, Bowling for Brain Injury fundraiser, Mesa, AZ (September 2010)

Facilitator, High school anatomy workshops, A.T. Still University (Spring 2009 - present).

Medical Triage, P.F. Chang's Rock n' Roll Marathon, Phoenix, AZ (January 2009, 2011)

Participant, Arizona Athletic Trainers' Association, Day at the Capitol (March 2009, 2010).

Team Captain, Alzheimer's Association Memory Walk (September 2007)

Presenter, Chauncey Rose Middle School Careers Day. Terre Haute, IN (April 2007)

Member, Advisory Board for Wabash Valley, Alzheimer's Association of Indiana (2006 – 2008)

Team Recruitment Chair for 2008 Memory Walk

Class volunteered as participants, Vigo County Board of Health Flu Pandemic Training (Spring 2006)

Participant & Donor, Habitat for Humanity Bowling Fundraiser (Winter 2006)

Medical Volunteer, NCAA Division I Cross Country Championships (November 2005, 2006, 2007)

Mentor, Sisters in Sport Science, Temple University (2002 – 2003)