

Bradley T. Hayes Ph.D., ATC-L  
University Health Care – Business Operations Manager  
College of Health/Department of Exercise and Sport Science  
Director, Athletic Training Education Program (ATEP)  
250 S. 1850 E. Room 245  
Salt Lake City, UT 84112  
Phone: (801) 587-8478 Fax: (801) 585-3992  
[Bradley.Hayes@hsc.utah.edu](mailto:Bradley.Hayes@hsc.utah.edu)

I.

Education

**Ph.D.**, Sports Medicine, Oregon State University, Corvallis, OR.....2005  
**M.S.**, Athletic Training, Indiana State University, Terre Haute, IN.....2000  
**B.A.**, Health and Human Performance, DePauw University, Greencastle, IN .....1999

II.

Professional Certifications

- Licensed Athletic Trainer in the State of Utah, 2006-present - #6451838-4810
- Certified Athletic Trainer (NATABOC), certification # 050102078, 2001-present
- Approved Clinical Instructor – 2002-present
- CPR for the Professional Rescuer, 1996-present
- Certified Emergency Medical Technician, Indiana, 1997-1999

III.

Employment and Pertinent Work Experience

**Business Operations Manager – 50% administration:**

University Health Care, Salt Lake City, UT.....2011-present

- Medical provider (athletic trainer)
  - Tour of Utah 2013:
    - Stage 1: Motorcycle medic
    - Stage 2, 3, and 6: Finish line medical support and set-up
  - University Athletics
    - Football Host Athletic Trainer and medical support 2013
      - Utah State, Oregon State, Arizona State, and Colorado
  - Salt Lake Marathon
    - Finish line medical support and logistical/marketing set-up
  - South Jordan Marathon
    - Finish line medical support and logistical/marketing set-up
  - Outreach
    - Point of care medical support at Sports Medicine Outreach affiliations and clinical site locations
      - Herriman High School
      - Judge Memorial Catholic High School
      - West High School
      - Jordan High School

- Corner Canyon High School
- Sport Clubs
- Ballet and Modern Dance
- Education and Research
  - Received unanimous approval from Sports Medicine Governing Board to implement a 12 month CAATE accredited Athletic Training Residency Program within University Health Sciences
  - Sports Medicine Research Council – Chairperson: 2011-2013

**Assistant Professor (Clinical) – 30% administration: Director, Athletic Training Education Program,**

University of Utah, Salt Lake City, UT .....2005-present

- Maintain and augment the Athletic Training Education Program (ATEP) with national, regional, and local accreditation standards and requirements.
  - Tripled the number of applications and students enrolled in ATEP
  - Developed and administratively implemented Program Fee with annual funding greater than \$85,000.00 for ATEP to cover administrative costs (funds 100% of Manager)
  - Outcomes –
    - Student first time pass rate on national board certification exam >12% national average
    - > 85% placement of students post graduation from ATEP
    - >10% undergraduate research scholar designation from University of Utah
    - >10% participate in NFL internships (2011-current)
    - 3 alumni participated as medical support for the USA and Zimbabwe national teams at the 2014 Sochi Olympics
    - 1 alumni participated as classifier by the International Federation for the 2014 Sochi Paralympics
- Organize and verify the NATA's educational competencies as well as clinical proficiencies to prepare and create self-study report for CAATE 5-year accreditation review of the University of Utah's ATEP.
  - Received re-accreditation approval from CAATE until 2016
  - Established Athletic Training as a Formal and Independent Major at Utah.....Spring 2009
- Responsible for recruitment, public relations, and community outreach for the profession of athletic training and specifically for the program at the University of Utah.
  - Created, recruited, and designed new clinical contracts/relationships with internal/external partners
    - University Health Care now oversees and responsible for medical coverage with recruited graduate students at locations both internal and external to University
      - University Athletics
      - Campus Recreation/Sport Clubs
      - Judge Memorial Catholic High School
      - Jordan High School
      - Herriman High School
      - West High School
      - Ballet and Modern Dance
    - Department of Athletics administrative support and account PI for service and clinical contracts that currently funds 9 graduate students in the Department of Exercise and Sport Science (>\$160,000.00/year)

**Assistant Professor (Clinical) – 20% teaching: Department of Exercise and Sport Science**

- Mentorship and instruction for graduate and undergraduate students in research, clinical health care, education, and service.
- ESS 3420: Professional Responsibility
- ESS 3490: Healthcare Administration

**Graduate Teaching/Research Assistant**, Oregon State University, Corvallis, OR .....2001- 2005

- Assisted with the organization and verification of educational competencies and site visit coordination for CAAHEP's (now CAATE) 5-year accreditation review of Oregon State University's Athletic Training Program.
- Trained graduate students on the standard operating procedures and equipment protocols used within the Sports Medicine and Disabilities Research Laboratory.
- Taught courses in the athletic training curriculum within the Department of Exercise and Sport Science.

**EXSS 457 – Advance Therapeutic Modalities (Lecture & Lab)**

This course is designed to educate students on the clinical use, protocols, precautions, capabilities, and contraindications of equipment and modalities used to relieve pain and promote rehabilitation from injury and surgery.

**EXSS 322 – Anatomical Kinesiology**

This class describes the structure, function and organization of the human skeletal and neuromuscular systems and explains the anatomical and mechanical fundamentals of human motion.

**EXSS 265 – Emergency Management of Sports Trauma (Lecture & Lab)**

This course trains students on the methods and equipment used in the recognition, assessment and treatment of life threatening injuries.

**EXSS 380 – Introduction to Therapeutic Modalities**

**EXSS 159 – Directed Observation of Athletic Training**

**Investment Representative**, Charles Schwab & Company, Denver, CO, ..... 2000-2001

- Acted as customer service liaison between sales, service, client, and corporate personnel
- Assisted customers in account management as a Security and Exchange Commission licensed stock broker
- Accumulated leads on approximately \$1.2 million in new assets
- Investment Account Tax Specialist

**Graduate Assistant**, Indiana State University, Terre Haute, IN, .....1999-2000

- Athletic Trainer for Terre Haute South High School (4A)
- Assistant Coordinator for transfer student admissions
- Assistant Instructor for the undergraduate athletic training curriculum

**ATH323 – Human Anatomy**

- Developed and administered program admissions exams for incoming undergraduate athletic training students

**Athletic Training Student**, DePauw University, Greencastle, IN, .....1996-1999

- Member of the Accreditation Review Preparation Team for JRC-AT of CAAHEP
- Team Athletic Trainer for Men's Soccer, Football, Baseball, Women's Basketball, Men's and Women's Track and Field, Tennis, and Swimming while under the supervision of a certified athletic trainer

## IV.

## Professional Affiliations

- National Athletic Trainer's Association, member, 1996-present
- American College of Sports Medicine, member, 2001-present
- Rocky Mountain Athletic Trainers Association, 2005-present
- Utah Athletic Trainers Association, member, 2005-present
- University of Utah Sports Research Network, 2007-present
- Utah Athletic Trainers Association, Legislative Affairs Committee, 2011-current
- Utah Athletic Trainers Association, Public Relations Committee Member, 2006-2009
- Northwest Chapter of the American College of Sports Medicine, 2002-2005
- Great Lakes Athletic Trainer's Association, member, 1997-2000

## V.

## Publications

- Cooley T, Switzler CL, **Hayes BT**, Hicks-Little CA. Open and Closed Chain Activity and its Effect on Shoulder Range of Motion using Whole Body Vibration Therapy. *Journal of Athletic Medicine*. 2013; 1(2):104-111.
- **Hayes BT**, Harter RA, Widrick JJ, Williams DP, Hoffman MA, Hicks-Little CA. Lack of neuromuscular origins of adaption after a long-term stretching program. *J Sport Rehabil*. 2012;21:99-106.
- **Hayes BT**, Hicks-Little C, Harter RA, Widrick J, Hoffman MA. Inter-session reliability of hoffmann reflex gain and pre-synaptic inhibition in the human soleus muscle. *Archives of Physical Medicine and Rehabilitation*. 90;2131-2134: 2009.
- **Hayes BT**, Merrick MA, Sandrey MA, Cordova ML. "Three-MHz ultrasound heats deeper into tissues than originally theorized." 39(3);230-234: 2004. *National Athletic Trainers Association Conference Reviewers Workshop-Reviewed Manuscript Model, San Antonio, TX, June 2009*.
- Hoffman MA, Harter RA, **Hayes BT**, Wojtys EM, Murtaugh P. The interrelationships among sex hormone concentrations, motoneuron excitability, and anterior tibial displacement in women and men. *Journal of Athletic Training*. 43(4);364-372: 2008.
- **Hayes BT**, Merrick MA, Sandrey MA, Cordova ML. "Three-MHz ultrasound heats deeper into tissues than originally theorized." *Journal of Athletic Training*. 39(3);230-234: 2004.

**Abstracts & Presentations**

- **Hayes BT**. National Athletic Trainers Association (NATA). Webinar. The business of athletic training education: what is your bottom line? October 16, 2011.
- Chappanda KN, Tabib-Azar M, **Hayes BT**, Oakes R. Integration of vital sign monitoring into athletic helmets. Engineering in Medicine and Biology Conference (IEEE EMBS Conference). Boston, MA. Sept. 2011
- **Hayes BT**. Why Ice may not be nice. Rocky Mountain Athletic Trainers Association (RMATA). Oral Presentation. Albuquerque, NM. April 9, 2011.
- **Hayes BT**. The business of athletic training: what is your bottom line in education. Rocky Mountain Athletic Trainers Association. Workshop. Albuquerque, NM. April 8, 2011.
- Burns BB, Williams H, Switzler CL, **Hayes BT**, Hicks-Little CA. Chronic exertional compartment syndrome of the lower leg in a collegiate rugby player: A case report. Rocky Mountain Athletic Trainers Association (RMATA). Albuquerque, NM. April 2011.

- Carter KC, **Hayes BT**, Switzler CL, Hicks-Little CA. Subcutaneous atrophy as a side effect of corticosteroid injection. Rocky Mountain Athletic Trainers Association (RMATA). Albuquerque, NM. April 2011.
- Hak C, Menefee KK, Iriye T, Switzler CL, Hayes BT, Hicks-Little CA. Functional popliteal artery entrapment syndrome in a collegiate female soccer player: A case report. Rocky Mountain Athletic Trainers Association (RMATA). Albuquerque, NM. April 2011.
- **Hayes BT**. Immediate care of injury, what drives your clinical decision. AT Still Univeristy. Invited Oral Presentation. October 10, 2010.
- Papa E, **Hayes BT**, Wickman G, Dibble L. Immediate effects of muscular fatigue on postural stability and motoneuron pool excitability in health adults. Utah Physical Therapy Association Conference (UAPTA), Oral Presentation. Salt Lake City, UT, October 2010.
- Bengel SE, **Hayes BT**, Houston MA, Newton M. The effects of immobilization and motor imagery on the neurological activation of the soleus muscle. Rocky Mountain Athletic Trainers Association (RMATA). Oral Presentation, Denver, CO, April 9, 2010.
- Harper T, Shaw J, **Hayes B**, Joy E, and Williams D. Body weight satisfaction and nutrition behaviors of collegiate football athletes. American College of Sports Medicine. Poster Presentation, Baltimore, MD, June 2010.
- **Hayes BT**, Harter RA, Widrick J, Hoffman MA. Neuromuscular origins of adaptation do not exist following a long-term stretching program as currently understood. Rocky Mountain Athletic Trainers Association (RMATA). Oral Presentation, Salt Lake City, UT, April 17, 2009
- **Hayes BT**, Hoffman MA, Harter RA, Widrick J. Intraclass-correlation of H-reflex gain and pre-synaptic inhibition in humans. Rocky Mountain Athletic Trainers Association (RMATA), Poster Presentation, Salt Lake City, UT, April 17, 2009.
- Irvine JC, **Hayes BT**, Dibble L. Immediate effects of muscular fatigue on postural stability and motoneuron pool excitability in healthy adults. National Conference for Undergraduate Research, Oral Presentation, La Crosse University, La Crosse, WI, April 16-18, 2009
- Irvine JC, **Hayes BT**, Dibble L. Immediate effects of muscular fatigue on postural stability and motoneuron pool excitability in healthy adults. Undergraduate Research Symposium, Oral Presentation, University of Utah, Salt Lake City, UT, March 31, 2009
- Irvine JC, **Hayes BT**, Dibble L. Immediate effects of muscular fatigue on postural stability and motoneuron pool excitability in healthy adults. Utah Conference of Undergraduate Research, Oral Presentation, Westminster College, Salt Lake City, UT, Feb. 20, 2009
- Parent E, Fritz J, **Hayes BT**. The effect of a lumbar extension intervention on the excitability of the soleus H-reflex in persons with low back pain. A pilot study. Accepted for oral presentation at the 2009 Combined Sectsions meeting of the American Physical Therapy Association. Las Vegas, Feb 9-12, 2009
- **Hayes BT**, Hoffman MA. Intraclass-correlation of H-reflex gain and pre-synaptic inhibition in humans. Doctoral Student Research Award Winner at the 2005 Annual Meeting and Clinical Symposia of the National Athletic Trainer's Association, Indianapolis, Abstract/Poster.
- Harter RA, **Hayes BT**, Hoffman MA. Anterior tibial stiffness is not significantly different across the menstrual cycle, but related to estrogen and progesterone levels. Accepted for presentation June 2005 at the First World Congress on Sports Injury Prevention, Oslo, Norway, Abstract/Poster.
- Harter RA, **Hayes BT**, Hoffman MA. Anterior tibial stiffness is not significantly different across the menstrual cycle, but related to estrogen and progesterone levels. *Br J Sports Med.* 39(6); 388-389: June 2005.
- **Hayes BT**, Hoffman MA. Consistency of Hoffmann reflex measurement in male subjects over a 28-day period. Accepted for presentation June 2004 at the Annual Meeting and Clinical Symposia of the National Athletic Trainers Association, Baltimore, Abstract/Oral.

- **Hayes BT**, Hoffman MA. The differences in sensory system utilization between active and sedentary elderly during a postural control evaluation. Accepted for presentation June 2003 at the American College of Sports Medicine Annual Meeting, San Francisco, Abstract/Oral.
- **Hayes BT**, Hoffman MA. The effects of cognitive processing on sensory system manipulation during the sensory organization test. Accepted for presentation June 2002 at National Athletic Trainer's Association, Annual Meeting and Clinical Symposia, Dallas, Abstract/Poster.
- **Hayes BT**, Merrick MA, Cordova ML, Sandrey M. The differences between 1 MHz and 3 MHz therapeutic ultrasound in the heating of subcutaneous tissue. Accepted for presentation June 2001 at National Athletic Trainer's Association, Annual Meeting and Clinical Symposia, Los Angeles, Abstract/Poster.

## VI.

Presentations, Invited Lectures, and Symposia-Free Communications
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- **Hayes BT**. National Athletic Trainers Association (NATA). Webinar Presentation. The business of athletic training education: what is your bottom line? October 16, 2011.
- **Hayes BT**. Why Ice may not be nice. Rocky Mountain Athletic Trainers Association (RMATA). Oral Presentation. Albuquerque, NM. April 9, 2011.
- **Hayes BT**. The business of athletic training: what is your bottom line in education. Rocky Mountain Athletic Trainers Association. Workshop. Albuquerque, NM. April 8, 2011.
- **Hayes BT**. Immediate care of injury, why ice may not be nice. AT Still University. Invited Oral Presentation. October 10, 2010.
- Bengel SE, **Hayes BT**, Houston MA, Newton M. The effects of immobilization and motor imagery on the neurological activation of the soleus muscle. Rocky Mountain Athletic Trainers Association (RMATA). Oral Presentation, Denver, CO, April 9, 2010.
- Harper T, Shaw J, **Hayes B**, Joy E, and Williams D. Body weight satisfaction and nutrition behaviors of collegiate football athletes. American College of Sports Medicine. Poster Presentation, Baltimore, MD, June 2010.
- **Hayes BT**, Harter RA, Widrick J, Hoffman MA. Neuromuscular origins of adaptation do not exist following a long-term stretching program as currently understood. Rocky Mountain Athletic Trainers Association (RMATA). Oral Presentation, Salt Lake City, UT, April 17, 2009
- **Hayes BT**, Hoffman MA, Harter RA, Widrick J. Intraclass-correlation of H-reflex gain and pre-synaptic inhibition in humans. Rocky Mountain Athletic Trainers Association (RMATA), Poster Presentation, Salt Lake City, UT, April 17, 2009.
- Irvine JC, **Hayes BT**, Dibble L. Immediate effects of muscular fatigue on postural stability and motoneuron pool excitability in healthy adults. National Conference for Undergraduate Research, Oral Presentation, La Crosse University, La Crosse, WI, April 16-18, 2009
- Irvine JC, **Hayes BT**, Dibble L. Immediate effects of muscular fatigue on postural stability and motoneuron pool excitability in healthy adults. Undergraduate Research Symposium, Oral Presentation, University of Utah, Salt Lake City, UT, March 31, 2009
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- Parent E, Fritz J, **Hayes BT**. The effect of a lumbar extension intervention on the excitability of the soleus H-reflex in persons with low back pain. A pilot study. Accepted for oral presentation at the 2009 Combined Sections meeting of the American Physical Therapy Association. Las Vegas, Feb 9-12, 2009
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- Harter RA, **Hayes BT**, Hoffman MA. Anterior tibial stiffness is not significantly different across the menstrual cycle, but related to estrogen and progesterone. Accepted for presentation June 2005 at the First World Congress on Sports Injury Prevention, Oslo, Norway, Abstract/Poster.
- **Hayes BT**, Hoffman MA. Consistency of Hoffmann reflex measurement in male subjects over a 28-day period. Accepted for presentation June 2004 at the Annual Meeting and Clinical Symposia of the National Athletic Trainers Association, Baltimore, Abstract/Oral.
- **Hayes BT**, Hoffman MA. The differences in sensory system utilization between active and sedentary elderly during a postural control evaluation. Accepted for presentation June 2003 at the American College of Sports Medicine Annual Meeting, San Francisco, Abstract/Oral.
- **Hayes BT**, Hoffman MA. The effects of cognitive processing on sensory system manipulation during the sensory organization test. Accepted for presentation June 2002 at National Athletic Trainer's Association, Annual Meeting and Clinical Symposia, Dallas, Abstract/Poster.
- **Hayes BT**, Merrick MA, Cordova ML, Sandrey M. The differences between 1 MHz and 3 MHz therapeutic ultrasound in the heating of subcutaneous tissue. Accepted for presentation June 2001 at National Athletic Trainer's Association, Annual Meeting and Clinical Symposia, Los Angeles, Abstract/Poster.

VII.

Grant Writing and Related Activities
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- Tabib-Azar M (USTAR Professor), **Hayes BT**. "Non-Intrusive Wireless Health Monitoring Sensors" Technology Commercialization and Innovation Project (TCIP)  
Submitted May 30, 2011 - **\$40,000 Direct**  
Role: Co-investigator – Status: Rejected  
-resubmission October 2012
- **Hayes BT**, Tabib-Azar M, "Wireless Health Monitor"  
Technology Commercialization Project (TCP)  
March 15, 2011 - **\$35,000 Direct**  
Role: Principal investigator – Status: Rejected
- **Hayes BT**, Hicks-Little C, Gardner I. "Acute Effect of Whole Body Vibration on Functional Knee Stability during Side-Step Cutting Tasks"  
College of Health Grant Competition  
Submitted February 2011 - **\$5,000 Direct**  
Role: Principal investigator - Status: Rejected
- **Hayes BT**. "Sport Safety Shield"  
Invention Disclosure: U4932 – University of Utah  
Submitted August 31, 2010 - Technology Commercialization Office  
Role: Principal investigator
- New Innovator Award – National Institutes of Health (DP2 classification – RO1)  
Submitted September 2010 - **\$1,500,000.00 Direct**  
"Using CARE to Assess the Athletic Medicine Unit: A Clinical Health Paradigm  
Role: Principal investigator – Rejected – Resubmission 2011/ Julie Fritz PT, PhD, ATC-L – co-investigator

- National Athletic Trainers' Association Injury Surveillance and Outcomes System Research Project.  
**Funded: \$353,323.00 for 3 years (7/1/2009-6/30/2012) – Funding Rejected by PI - Fall 2009**  
“Development of an Injury Surveillance and Clinical Outcomes Data Collection System for High-School Student-Athletes.  
Role: co-investigator (Julie Fritz PhD PT, ATC – Principal investigator)
- University of Utah Center for Rehabilitation Research 2008/2009:  
**Funded \$5,000.00**  
“Immediate effects of muscular fatigue on postural stability and motoneuron pool excitability in healthy young adults and healthy elders  
Role: Principal investigator (Lee Dibble – co-investigator)
- University of Utah Research Instrumentation Fund:  
**Funded \$48,000.00**  
“Wireless Electromyography System”  
Role: co-investigator
- University of Utah Research and Creative Grant 2007:  
**Funded \$10,000.00**  
“Creating a Prediction Rule to Identify Patients Likely to Respond to Extension Exercises and Understanding the Mechanisms in Persons with Low Back Pain: A Study Using Clinical, MRI and Neuromuscular Assessment.”  
Role: co-investigator
- University of Utah Center for Rehabilitation Research 2006/2007:  
**Funded \$5,000.00**  
“Creating a Prediction Rule to Identify Patients Likely to Respond to Extension Exercises and Understanding the Mechanisms in Persons with Low Back Pain: A Study Using Clinical, MRI and Neuromuscular Assessment.”  
Role: co-investigator (Julie Fritz – PI)
- University of Utah Funding Incentive Seed Grant Program:  
**Submitted August 24, 2009 - Rejected**  
**Amount Requested: \$35,000.00**  
“Effect of Light pad Therapy on Pain and Function of Subjects with Knee Osteoarthritis”  
Role: co-investigator (Charlie Hicks-Little – PI)
- National Football League Foundation Grant:  
**Letter of Intent submitted 2008 – Rejected**  
“The Relationship Between Sleep and Sport-related Injury in Division I College Student-Athletes  
Role: co-investigator (Liz Joy MD – PI)

#### VIII.

##### Teaching, Advising and Other Assignments

- Proposed, developed, and began implementation of a Graduate Studies in Sports Medicine within the College of Health in the ESS Department.
  - Inaugural class of 7 students began Fall 2009 - graduated Spring 2011



- Graduate Curriculum Design and Implementation –
  - ESS 6270 – Advanced Theory and Application of Therapeutic Modalities
  - ESS 6250 – Current Trends in Sports Medicine
  - ESS 6260 – Data Acquisition in Sports Medicine
  - ESS 6280 - Pathology and Rehabilitation of Athletic Injuries
- Undergraduate Courses Created (2005-Present)
  - **ESS 2720** – Designed and Implemented Emergency Response Preparedness – pre-requisite for ATEP beginning Spring 2011
  - **ESS 3401**– Designed and Implemented Clinical Education Course in the first semester of ATEP
  - **ESS 3402** – Designed and Implemented Clinical Education Course in second semester of ATEP
  - **ESS 3403** – Designed and Implemented Clinical Education Course in third semester of ATEP
  - **ESS 3404** – Designed and Implemented Clinical Education Course in fourth semester of ATEP
  - **ESS 3405** – Designed and Implemented Clinical Education Course in fifth semester of ATEP
  - **ESS 4010/4011** – Practicum in Athletic Training functioning as senior year capstone.
- Graduate and Undergraduate Course Teaching
  - **ESS 3092 – Anatomical Kinesiology**

This course is designed to engage students in the process of learning how to analyze the movements of the human body and to discover underlying principles and abnormalities. The students' knowledge of musculoskeletal anatomy and neuromuscular physiology is integrated to better understand how to achieve movement with optimum safety, effectiveness, and efficiency occurs.
  - **ESS 3400 – Fundamentals of Athletic Training I**

This course is designed to provide the athletic training students with the fundamentals and clinical skills necessary to evaluate, diagnose, and treat lower extremity orthopedic injuries. This course builds upon students' knowledge and background in human anatomy and anatomical kinesiology. Students use didactic instruction and learn to apply it clinically.
  - **ESS 3420 – Professional Responsibility**

This course aims to provide current competence in the constantly changing world of healthcare for the athletic trainer. Athletic trainers must embrace the need to practice within the limits of state and national regulation using moral and ethical judgment, thus, this course will examine current legislation, as well as, professional responsibility. As members of a broader healthcare community, athletic trainers work collaboratively with other healthcare providers and refer clients/patients when such referral is warranted.
  - **ESS 3470 – Physical Agents in Athletic Training (Lecture & Lab)**

This course is designed to develop an understanding of the physiological and clinical aspects of therapeutic modalities used to improve patient function and enable recovery. The course educates students on the clinical use, protocols, precautions, capabilities, and contraindications of equipment used to relieve pain and promote rehabilitation from injury and surgery.
  - **ESS 3490 – Healthcare Administration**

The aim of this course is to provide didactic understanding and demonstrate proficiency regarding the athletic trainer's function within the context of a complex healthcare system.

Integral to this function is an understanding of risk management, healthcare delivery mechanisms, insurance, reimbursement, documentation, patient privacy, and facility management.

- **ESS 4880/6880/6951**– Sports Medicine Symposium

This course brings in guest speakers from around the country to discuss their research lines and interests. This class was first implemented in Spring of 2007 and was a huge success with 72 undergraduates and 14 graduate students. This course has increased profile of the University of Utah ATEP and will continue to attract future both Graduate and Undergraduate Students to the Sports Medicine Program.

- **ESS 6270** – Advanced Theory and Application of Therapeutic Modalities

This course will present the theoretical foundations and clinical application of physical agents in sports medicine. You will develop comprehension and understanding of the physiological and clinical aspects of therapeutic modalities. In addition, you will advance your knowledge on the theory and application of heat, cold, light, sound, laser, electromagnetic and mechanical energy in treatment and rehabilitation procedures performed by Athletic Trainers.

IX.

Editorial Experience

Foreward: Netter's Orthopaedic Clinical Examination: An Evidence-Based Approach. Joshua Cleland PT DPT OCS FAAOMPT and Shane Koppenhaver PT PhD OCS FAAOMPT. Saunders; 2<sup>nd</sup> edition. (June 1, 2010).

X.

Reviewer Experience

**Reviewer for Professional Journals**

- Journal of Athletic Training
- Journal of Sports Rehabilitation

XI.

Grant Review Committee/Study

**Reviewer for Research Proposals**

- Journal of Athletic Training
- University of Utah Center of Aging
- University of Utah Center for Rehabilitation Research

XII.

Awards

- National Athletic Trainers Association Research and Education Foundation – 2005 Doctoral Poster Winner

XIII.

Service

- Utah Athletic Trainers' Association – Legislative Affairs Committee (2012-current)
- Weber State Athletic Therapy and Athletic Training Program Review (2/11/14)

- University Health Care Sports Medicine Governing Board – COH representative (2011-current)
- Entrepreneur Faculty Scholar – COH representative (2011-current)
- Chairperson – Sports Medicine Research Council (2011-2013)
- Pac-12 Working Group – Institutional Advancement – COH representative (2011-12)
- Director, Athletic Training Education Program (ATEP) for University of Utah (2005-current)
- Chairperson – College of Health Curriculum Committee – (2010-Current)
- College Curriculum Committee – 2009-2010
- Chairperson – Tenure-track Faculty Search 2007-2008
- Departmental Student Activities Club (SAC) 2005-2010

XIV.

Miscellaneous Scholarship/Other
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- Development: Dynatronics – donation/gift valued  
**Funded: \$30,000.00 for new facility in College of Health - (2009/2010)**  
Clinical health care equipment and embossed furniture outfitting HPER East 203  
Role: Principal administrator