

Justin H. Rigby, PhD, LAT, ATC

Curriculum Vita

I. Academic/Professional Background

A. Contact Information

University of Utah
 Department of Physical Therapy and Athletic Training
 1860 E 250 S HPR-E, Rm. 208
 Salt Lake City, UT 84112
 Office: 801-213-1315
 Justin.Rigby@health.utah.edu

B. Educational Background

<i>Degree</i>	<i>Year</i>	<i>University</i>	<i>Major</i>	<i>Thesis/Dissertation</i>
PhD	2013	Brigham Young University	Exercise Sciences	Pharmacokinetics of Dexamethasone Delivered via Iontophoresis
MS	2010	Texas State University	Athletic Training	Understanding Athletic Trainers' Beliefs Toward Implementing a Multi-Faceted Management Approach After a Sports-Related Concussion
BS	2008	University of Utah	Exercise and Sport Science	

C. University Experience

<i>Position</i>	<i>University</i>	<i>Dates</i>
Associate Professor (Clinical) Program Chair, Athletic Training and Sports Medicine	University of Utah Department of Physical Therapy and Athletic Training	September 2018 - current
Assistant Professor Graduate Coordinator, MS in Athletic Training	Texas State University Department of Health and Human Performance	September 2016 - August 2018
Assistant Professor Program Director, BS in Athletic Therapy	Weber State University Department of Athletic Training and Nutrition	July 2014 - June 2016
Visiting Assistant Professor	Brigham Young University Department of Exercise Sciences	January 2014 - June 2014
Graduate Teaching and Research Assistant	Brigham Young University Department of Exercise Sciences	August 2010 - December 2013
Graduate Assistant	Texas State University Department of Health and Human Performance	August 2008 - May 2010
Associate Instructor	University of Utah Center for Emergency Programs	August 2005 - May 2008

D. Relevant Professional Experience

<i>Position</i>	<i>Entity</i>	<i>Dates</i>
Certified Athletic Trainer	Brigham Young University Hockey Club	November 2012 – March 2014
Graduate Assistant Athletic Trainer	Jack C. Hays High School	August 2008 – May 2010
Certified Athletic Trainer	Peak Physical Therapy	May 2009 – August 2009

E. Other Professional Credentials (licensure, certification, etc.)

- Licensed Athletic Trainer, Utah. (2011 - Present). License Number: # 7886823-4810.
- Licensed Athletic Trainer, Texas. (2008 - Present). License Number: #AT 4301
- Certified Athletic Trainer (BOC). (2008 - Present). License Number: # 070802041.
- CPR & AED, BLS Instructor for Health Care Providers. (2005 - 2009).

NPI#: 1013339332

II. TEACHING

A. Courses Taught:

University of Utah

ATSM 3300 Introduction to Prevention & Health Promotion in Sports Medicine
 ATSM 3430 Therapeutic Interventions I
 ATSM 4010 Principles of Evidence Based Practice for Athletic Training
 ATSM 6250 Trends in Sports Medicine
 ATSM 7830: Journal Readings

Texas State University

AT 2356 Prevention and Care of Athletic Injuries
 AT 3336 Principles and Techniques of Therapeutic Modalities
 ESS 5356 Applied Statistics in Health and Human Performance

Weber State University:

AT 3300 Orthopedic Assessment of Lower Extremity
 AT 3301 Orthopedic Assessment of Upper Extremity
 AT 4100 Basic Therapeutic Modalities
 AT 4101 Advanced Therapeutic Modalities
 AT 4150 Therapeutic Modalities for Athletic Therapy
 AT 4200 Basic Rehab of Athletic Injuries
 AT 4201 Advanced Rehabilitation of Athletic Injuries
 AT 4250 Therapeutic Rehabilitation for Athletic Therapy
 AT 4800 Individual Projects
 AT 4998 Preparation for the Board of Certification (BOC) Exam
 MSAT 6085 Research Methods II

MSAT 6090 Research Methods III
MSAT 6301 Orthopedic Assessment of Upper Extremity
MSAT 6450 Basic Rehabilitation of Athletic Injuries
MSAT 6501 Graduate Practicum I
MSAT 6504 Graduate Practicum IV
PEP 4890 Cooperative Work Experience

Brigham Young University:

EXSC 320 Basic Athletic Training
EXSC 321 Basic Athletic Training Lab
EXSC 390 Adv Musculoskeletal Human Anatomy
EXSC 394 Athletic Training Clinical Education 1
EXSC 415 Therapeutic Modalities
EXSC 417 Injury Evaluation: Upper Extremity and Trunk
EXSC 423 Administration of Athletic Training
EXSC 494 Athletic Training Education 3
EXSC 495 Athletic Training Clinical Education 4

University of Utah (Instructor):

H EDU 1950 - Emergency First Aid

B. Graduate Thesis/Dissertations, Honors Theses, or Exit Committees

University of Utah:

Graduate Theses

Raustein, Eric. The effects of foam rolling and deep muscle stimulation on hip range of motion and hamstring flexibility. College of Health - MS in Sports Medicine; graduation: May 2019 [*Co-Thesis Chair*]

Boothe, McKenna. Depression and anxiety as predictors of sports injury in high school athletes. College of Health - MS in Sports Medicine; graduation: May 2019 [*Co-Thesis Chair*]

Texas State University:

Graduate Theses

Fisher, Stephan*. Effects of photobiomodulation application time at preventing muscle fatigue. College of Education - MS of Athletic Training; graduation: December 2018 [*Thesis Chair*] *=Recipient of Graduate College Thesis Research Support Fellowship (Fall 2017)

Culminating Project

Lising, Dexter and Boldt, Craig. Practical blood flow restriction rehabilitation in patients with acute musculoskeletal injury: A case series. College of Education - MS in Athletic Training; graduation: May 2019 [*Committee Member*]

Warman, Tatiana and Sayers, Trevor. The effects of intermittent cryotherapy versus photobiomodulation on arm health in baseball pitchers. College of Education - MS in Athletic Training; graduation: May 2019 [*Committee Member*]

Adams, Bria and Hull, Jonathan. Comparing the effects of photobiomodulation therapy to low intensity therapeutic ultrasound in improving muscle function. College of Education - MS in Athletic Training; graduation: May 2018 [*Major Professor*]

Gerken, Sarah and Ruzycky, Michael. The effects of external pneumatic intermittent compression and cold water immersion on delayed onset muscular soreness. College of Education - MS in Athletic Training; graduation: May 2017 [*Major Professor*]

Sakurai, Shinya. The effects of platelet -rich plasma for rotator cuff tendinopathy. College of Education - MS in Athletic Training; graduation: May 2017 [*Co-Major Professor*]

Weber State University:

Graduate Theses

Lee, Jung Ha, Nelson, Chase and Rogers, Danny. Rate of intramuscular tissue heating with therapeutic ultrasound and diathermy: Stretch window manipulation. College of Education - MS of Athletic Training; graduation: May 2017 [*Co-Major Professor*]

Berg, Matthew, Perkins, Candace and Sponbeck, Josh. Achilles tendon changes over a NCAA cross-country season measured via musculoskeletal imaging ultrasound. College of Education - MS of Athletic Training; graduation: May 2016 [*Major Professor*]

Honors Theses

Baumgarten, Michael and Warner, Brittany. Intramuscular temperature changes of whole-body cryotherapy vs. cold water immersion. College of Education - Athletic Training; graduation: May 2017 [*Co-Major Professor*]

Cruse, Desirae and White, Shaleese. Understanding the correlation of running parameters and blood type to Achilles tendon changes in Division I cross-country athletes. College of Education - Athletic Training; graduation: May 2016 [*Major Professor*]

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press):

1. Journal Articles:

a. Refereed Articles:

Rigby JH, Hagan AM, Kelcher A, Ji C. The comparison between two different ultrasound frequencies on dexamethasone sodium phosphate penetration during phonophoresis. *J Athl Train*. 2020: *in press* (accepted 8/14/19)

Rigby JH, Hagan AM. A novel blue-red photobiomodulation therapy patch effects on a repetitive elbow flexion fatigue task. *J Sport Rehab*. 2020: *in press* (accepted: 1/11/2019)

Lee JH, Herzog V, **Rigby JH***. Rate of temperature rise and decay with 3-MHz therapeutic ultrasound using different intensities. *Athl Train Sport Health Care*. 2019;11(6):258-263

Fisher SR, **Rigby JH**, Mettler JA, McCurdy K. Photobiomodulation therapy is more effective than cryotherapy for muscle recovery: A critically appraised topic. *J Sport Rehab*. 2019;28(5):526-531

Rigby JH, Wells AM, Draper DO. Reliability of therapeutic ultrasound transducers within the same manufacturer measured via intramuscular tissue temperature. *Athl Train Sport Health Care*. 2019;11(2):71-76

Sponbeck J, Perkins C, Berg M, **Rigby JH**. Achilles tendon cross sectional area changes over a Division I NCAA cross country season. *Int J Exer Sci*. 2017;10(8):1226-1234

Rigby JH, Dye SB. Effectiveness of various cryotherapy systems at decreasing ankle skin temperature and applying compression. *Int J Athl Ther Train*. 2017;22(6):32-39

Rigby JH, Draper DO. Effects of long duration low intensity ultrasound for active trapezius trigger points: A randomized clinical trial. *J Sport Rehabil*. 2017;26(2):189: *withdrawal due to device failure*

Rigby JH, Mortensen BB, Draper DO. Wireless versus wired iontophoresis for treating patellar tendinopathy: A randomized clinical trial. *J Athl Train*. 2015;50(11):1165-1173

Rigby JH, Taggart RM, Stratton KL, Lewis Jr GK, Draper DO. Intramuscular heating characteristics of multihour low-intensity therapeutic ultrasound. *J Athl Train*. 2015;50(11):1158-1164

Scifers JR, Stiller-Ostrowki J, **Rigby J**, Long A. Shortwave diathermy. *Athl Train Sports Health Care*. 2015;7(4):139-143

Rigby JH, Draper DO, Johnson AW, Myrer JW, Eggett DL, Mack GW. The time course of dexamethasone delivery using iontophoresis through human skin measured via microdialysis. *J Ortho & Sport Phys Ther.* 2015;45(3):189-196

Draper DO, **Rigby JH**, Wells AM. Comparison of the Gel-SHOT versus traditional ultrasound gel to raise tissue temperature. *Athl Train Sports Health Care.* 2014;6(6):273-279

Franson J, Draper DO, **Rigby JH**, Johnson AW, Mitchell RH. Tissues at a 3-cm depth vigorously heat using 3-MHz ultrasound. *Athl Train Sports Health Care.* 2014;6(6):267-272

Rigby JH, Dye SB, Draper DO. Difference in tissue temperature after therapeutic ultrasound using Biofreeze mixture and ultrasound gel as coupling media. *Athl Train Sports Health Care.* 2014;6(1):25-30

Rigby J, Vela L, Houseman J. Understanding athletic trainers' beliefs toward implementing a multifaceted approach after a sport-related concussion: Application of the Theory of Planned Behavior. *J Athl Train.* 2013;48(5):636-644

Draper DO, Hawkes AR, Johnson AW, Diede MT, **Rigby JH**. Muscle heating with Megapulse II shortwave diathermy and ReBound diathermy. *J Athl Train.* 2013;48(4):477-482

Hawkes AR, Draper DO, Johnson AW, Diede MT, **Rigby JH**. Heating capacity of ReBound shortwave diathermy and moist hot packs at superficial depths. *J Athl Train.* 2013;4(4):471-476

Draper DO, Wells AM, William VJ, **Rigby JH**. Ultrasound treatment temperature goals: Temperature dependent versus time dependent. *Athl Train Sports Health Care.* 2013;5(2):76-80

Draper DO, Knight KL, **Rigby JH**. High-volt pulsed current: Treatment of skin wounds and musculoskeletal injuries. *Int J Athl Ther Train.* 2012;17(4):32-34

B. Works Not in Print:

1. Papers Presented at Professional Meetings:

Rigby JH. The effects of wearable pulsed blue-red light on muscle recovery and fatigue. SPIE Photonics West. Oral presentation. San Francisco, CA, February 3, 2019

Rigby JH, Fisher SR, Hagan AM. Considerations for injury prevention and pain management using wearable pulsed blue-red photobiomodulation. North American Association of Photobiomodulation Annual Conference. Oral presentation. Detroit, MI, August 18, 2018

- Wells A, **Rigby JH**, Draper DO. Management of pain and recovery at point-of-care in acute sports and industrial injuries. North American Association of Photobiomodulation Annual Conference. Oral presentation. Detroit, MI, August 18, 2018
- Rigby JH**, Theriot K, Hyldahl RD, Draper DO. The effects of pulsed vs. continuous photobiomodulation therapy for muscle recovery after an eccentric exercise protocol. National Athletic Trainers' Association Annual Meeting. Oral presentation. New Orleans, LA, June 28. 2018
- Smith BM, **Rigby JH**, Hyldahl RD, Mack GW, Draper DO. Human *in vivo* dexamethasone sodium phosphate concentration and skin perfusion during a 4 mA iontophoresis treatment. National Athletic Trainers' Association Annual Meeting. Oral presentation. New Orleans, LA, June 28. 2018
- Wells AM, **Rigby JH**, Castel JC, Draper DO. Tissue temperature increases from a red and blue combination photobiomodulation light patch. National Athletic Trainers' Association Annual Meeting. Oral presentation. New Orleans, LA, June 28. 2018
- Hagan A, **Rigby JH**. Photobiomodulation effects of blue and red-light therapy on elbow flexion fatigue. National Conference of Undergraduate Research. Poster presentation. Edmond, OK, April 7, 2018.
- Rigby JH**, Sponbeck JK, Perkins C, Berg M. Achilles tendon cross sectional area changes over a NCAA division I cross country season. National Athletic Trainers' Association Annual Meeting. Oral presentation. Houston, TX, June 27. 2017
- Warner B, Baumgarten M, Gabler C, **Rigby JH**. Comparative effects of whole body cryotherapy and cold water immersion on skin temperature changes. Rocky Mountain Athletic Trainers' Association. Oral presentation. Denver, CO, March 25, 2017
- Weikart L, Draper DO, **Rigby JH**. The effects of low intensity therapeutic ultrasound on pain caused by lumbar disc herniation. American College of Sports Medicine. Poster presentation. Boston, MA, June 2, 2016
- Rigby JH**, Draper DO, Wells AM. Reliability of therapeutic ultrasound transducers within the same manufacture measured via intramuscular tissue temperature. Rocky Mountain Athletic Trainers' Association. Oral presentation. Albuquerque, NM, April 8, 2016
- Langer MD, **Rigby J**, Fleshman SK, Lewis GK. Sustained acoustic medicine: A novel application of therapeutic ultrasound to treat herniated disc-related low back pain in astronauts. NASA Human Research Program IWS. Poster presentation. Galveston, TX, February 9, 2016
- Rigby JH**, Draper DO, Bylund RS, Nelson BK, Taggart RM, Henderson S, Lewis Jr. GK. Short term effects of long duration low intensity continuous ultrasound for

trapezius muscle pain. National Athletic Trainer's Association Annual Meeting. Oral presentation. St. Louis, MO, June 24, 2015

Rigby JH, Mack GW, Johnson AW, Myrer JW, Bylund RS, Draper DO. The time course of dexamethasone sodium phosphate delivered via iontophoresis through human skin. National Athletic Trainer's Association Annual Meeting. Oral presentation. Indianapolis, IN, June 26, 2014

Rigby JH, Draper DO, Taggart RM, Stratton KL, Lewis Jr., GK. Intramuscular heating effect produced by long duration continuous low intensity therapeutic ultrasound (LITUS). American College of Sports Medicine Annual Meeting. Poster presentation. Orlando, FL, May 29, 2014

Glazier M, Crossley K, **Rigby J**, Feland JB. Effects of lower extremity skin response to whole body vibration on intramuscular temperature. American College of Sports Medicine Annual Meeting. Poster presentation. Orlando, FL, May 30, 2014.

Bylund RS, **Rigby JH**, Moretensen BB, Draper DO. The difference in wireless patch vs. wired iontophoresis for treating patellar tendonitis: A randomized clinical trial. Rocky Mountain Athletic Trainers' Association Annual Meeting. Oral presentation. Provo, UT, April 11, 2014

Rigby JH, Wells AM, Draper DO. An alternative approach to traditional ultrasound therapy: Introducing the gel shot. Utah Athletic Trainers' Association Annual Meeting. General session presentation. Provo, UT, December 14, 2013

Rigby JH, Frampton CD, Draper DO, Mack GW. The iontophoresis delivery of dexamethasone measured via microdialysis. American College of Sports Medicine Annual Meeting. Poster presentation. Indianapolis, IN, May 30, 2013

Dye, S, **Rigby JH**, Knight KL. Effectiveness of various cryotherapy systems at decreasing ankle skin temperatures and applying compression. Rocky Mountain Athletic Trainer's Association Annual Meeting. Oral presentation. Denver, CO, April 12, 2013

Rigby JH, Draper DO. The delivery of dexamethasone via iontophoresis measured by microdialysis. Rocky Mountain Athletic Trainer's Association Annual Meeting. Poster presentation. Mesa, AZ, April 20, 2012

Draper DO, **Rigby JH**, Hawkes AR, Johnson AW, Diede MT. The Megapulse II shortwave diathermy unit heats muscle better than moist hot packs and ReBound diathermy. Rocky Mountain Athletic Trainer's Association Annual Meeting. Poster presentation. Mesa, AZ, April 20, 2012

Rigby JH, Vela LI, Housman JM, Gobert D. Understanding athletic trainers' beliefs toward implementing a multifaceted approach after a sport-related concussion: Validity and reliability measurements of an application of the Theory of Planned Behavior.

National Athletic Trainer's Association Annual Meeting. Oral presentation. New Orleans, LA, June 22, 2011

Rigby JH, Vela LI, Housman JM. Understanding athletic trainers' beliefs toward implementing a multifaceted approach after a sport-related concussion: Application of the Theory of Planned Behavior. Rocky Mountain Athletic Trainer's Association Annual Meeting. Oral presentation. Albuquerque, NM, April 8, 2011

Ensley R, **Rigby JH**. Do high school athletes have age related deficits on neurocognitive testing after a concussion: A systematic review? The Southwest Athletic Trainers' Association Annual Meeting. Poster presentation. Arlington, TX, July 24, 2009.

2. Talks, Lectures, and Presentations:

Rigby JH. The effects of photobiomodulation (light/laser) therapy compared to traditional therapeutic modalities. National Athletic Trainers' Association Clinical Symposia. Las Vegas, NV, June 26, 2019

Rigby JH. The effects of photobiomodulation (light/laser therapy) on muscle recovery and fatigue. Southwest Athletic Trainers' Association 64th Annual Symposium. Arlington, TX, July 20, 2018. * EBP credit from BOC

Rigby JH. Light Therapy. Southwest Athletic Trainers' Association Competency Workshop. San Marcos, TX, January 26, 2018

Rigby JH. Modalities: Clinical decisions. Southwest Athletic Trainers' Association Competency Workshop. San Marcos, TX, January 29, 2017

Rigby JH. Becoming a Double Agent: Tools to Aid a Clinician Researcher. University of Texas - Arlington. Invited Speaker for Student Lecture Series. Arlington, TX, February 27, 2015

Draper DO, **Rigby JH**. Iontophoresis debate: Depth of delivery/wired vs. wireless patches. National Athletic Trainer's Association Annual Meeting. Special Topics Presentation. Indianapolis, IN, June 27, 2014

Rigby JH. Understanding the efficacy and treatment parameters of iontophoresis. Rocky Mountain Athletic Trainers' Association Annual Meeting. Special topic presentation. Provo, UT, April 11, 2014

Rigby JH, Draper DO. Therapeutic ultrasound: Are we using it effectively? Rocky Mountain Athletic Trainer's Association Annual Meeting. General session presentation. Denver, CO, April 11, 2013

3. Other Works not in Print:

a. Works "submitted" or "under review":

Smith BM, Draper DO, Hyldahl RD, **Rigby JH***. Effects of ice massage prior to an iontophoresis using dexamethasone sodium phosphate. *J Sport Rehab*. 2020: submitted 1/2/2020. * = corresponding author

C. Scholarly / Creative Grants and Contracts:

1. Funded External Grants and Contracts:

Cushman D, Teramoto M, Petron D, Powell A, Eby S, **Rigby J**. Detection of precursors to Achilles tendon, patellar tendon, and plantar fascia injury in student-athletes with ultrasound imaging. PAC-12 Student-Athlete Health and Well-Being Grant Program. \$447,881. Funded: 2020. (Co-investigator)

Rigby JH. The effects of different blue light photobiomodulation therapy parameters on muscle fatigue and injury. Carewear Sport Corp., \$70,958.00. Funded: 2017. (PI)

Rigby JH, Wells AM, Draper DO. An update of intramuscular heating capabilities of various transducers using the Omnisound 3000 therapeutic ultrasound device. Accelerated Care Plus, Corp, \$6,820.00. Funded: 2014. (PI)

This contract was a multi-site clinical trial. Funds awarded to Weber State University were: \$4,300.

Lewis GK, Langer M, **Rigby JH**, Draper DO, Taggart RM. Effect of sam® long duration low intensity therapeutic ultrasound on low back disc herniation. NASA and National Space Biomedical Research Institute (NSBRI), Institutional, \$250,000.00. Funded: 2014. (Co-investigator)

This grant was a multi-site clinical trial. Funds awarded to Weber State University were: \$35,550.

Rigby JH, Draper DO. Short term effects of long duration low intensity continuous ultrasound for trapezius muscle pain. ZetrOZ, Inc., \$8,000.00. Funded: 2014 (PI)

Draper DO, **Rigby JH**. The heating capacity of the ZetrOZ portable ultrasound device. ZetrOZ, Inc. through NIH Grant #1R43MD008597-01, \$15,000.00. Funded: 2013. (Co-PI)

Rigby JH, Draper DO. The transdermal drug delivery effectiveness of various portable electrical agents. Sonovia Holdings, LLC, \$45,334.00. Funded: 2013. (PI)

2. Funded Internal Grants and Contracts:

Rigby JH, Ji, C. The role of therapeutic ultrasound frequency in maximizing an anti-inflammatory drug's transdermal delivery. Texas State University- Research Enhancement Program, \$16,000.00. Funded: 2016. (PI)

Baumgarten M, Thornock B, **Rigby JH**. Intramuscular temperature changes of whole body cryotherapy vs. cold water immersion. Weber State University- Office of Undergraduate Research Long Term Grant, \$1,376.00. Funded: 2015. (Faculty Mentor)

Rigby, JH. Pharmacokinetics of dexamethasone delivered via iontophoresis. Brigham Young University- Department of Exercise Sciences: Student Research Award, \$9,529.00. Funded: 2013. (PI)

D. Scholarly / Creative Fellowships, Awards, Honors:

Robert K. Conlee ACSM Travel Award, Department of Exercise Sciences, Brigham Young University. 2013

Earlene Durrant Doctoral Scholarship Award, Rocky Mountain Athletic Trainers' Association. 2012

Graduate Student Award, Athletic Training, Texas State University-San Marcos. 2010

Graduate Student Scholarship, College of Education, Texas State University-San Marcos. 2009

The Bill Bean Outstanding Athletic Training Student Award, University of Utah. 2008

IV. SERVICE

A. Institutional

1. University:

2. College:

University of Utah

College Council, College of Health (2018-present)
Interprofessional Committee, College of Health (2018-present)

Texas State University

College Scholarship Committee, College of Education, (2016-2017)

Weber State University:

College Curriculum Committee, College of Education. (2015-2016)

3. Department:

University of Utah

Program Chair - Athletic Training, Department of Physical Therapy and Athletic Training, College of Health. (2018-present)

Search Committee, Chair - Athletic Training Assistant Professor and Coordinator of Clinical Education, Department of Physical Therapy and Athletic Training, College of Health. (2019)

Texas State University

Graduate Coordinator - Post-Professional MS in Athletic Training, Department of Health and Human Performance, College of Education. (2018)

Technology Committee, Co-chair - Department of Health and Human Performance, College of Education. (2017-2018)

Poster Presentation Committee - Department of Health and Human Performance, College of Education. (2017-2018)

Search Committee - Athletic Training Assistant Professor, Department of Health and Human Performance, College of Education. (2017-2018)

Weber State University:

Program Director - BS in Athletic Therapy, Department of Athletic Training and Nutrition, College of Education. (2015-2016)

Search Committee - Athletic Training Instructor, Department of Athletic Training and Nutrition, College of Education. (2016)

Search Committee, Chair - Athletic Training Lab Coordinator, Department of Health and Human Performance, College of Education. (2015)

Search Committee - Athletic Training Assistant Professor, Department of Health and Human Performance, College of Education. (2014)

Textbook Review Committee, Department of Health Promotion and Human Performance, College of Education. (2014 - 2016)

B. Professional:

Journal Reviewer

Reviewer / Referee, Photochemical and Photobiological Sciences. (2019 - present)

Reviewer / Referee, Physiotherapy and Practice. (2017 - present)

Reviewer / Referee, Journal of Sports Rehabilitation. (2017 - present)

Reviewer / Referee, Athletic Training and Sports Health Care. (2013 - present).

Reviewer / Referee, Journal of Athletic Training. (2013 - present).

Grant Reviewer

Reviewer / Referee, NATA Research and Education Foundation Grant Reviewer. (2015).

Professional Organization

Committee Member, NATA Research and Education Foundation Free Communications Committee. (2019 - present)

Treasurer, Utah Athletic Trainers' Association. (2014 - 2016, & 2018 - present)

Ambassador, National Athletic Trainers' Association Education and Research Foundation. (2015 - 2016)

Chair, Utah Athletic Trainers' Association, Student Committee. (2011 - 2014)

Volunteer, National Athletic Trainers' Association, Young Professional Committee. (2011 - 2013)

Speaker, Young Professional's Presentation: From Student to Young Professional. Weber State University, Ogden, UT. Oral Presentation. (2011)

Representative, Utah Athletic Trainers' Association, Student Committee. (2007 - 2008).

C. Organization Memberships:

National Athletic Trainers' Association. (2006 - Present)

Rocky Mountain Athletic Trainers' Association. (2006 - 2008, 2010-2016, & 2019 - Present)

Utah Athletic Trainers' Association. (2006 - 2008, 2010-2016, & 2019 - Present)

Southwest Athletic Trainers' Association. (2008 - 2010, 2016 - 2018)

American Society for Laser Medicine and Surgery (2017 - 2018)

World Association of Laser Therapy (2016 - 2018)

American College of Sports Medicine (2010 - 2015)