

**Mark Knoblauch PhD LAT ATC CSCS**  
**Clinical Associate Professor**  
**University of Houston**  
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## Education:

Post-doctoral fellowship: Department of Molecular Physiology and Biophysics; Baylor College of Medicine, 2011-2013

Fellowship Project: *Mice with RyR1 Mutation (Y524S) Undergo a Hypermetabolic Response to Simvastatin*

PhD—Exercise Science; University of Houston, 2011

Dissertation title: *Influence of chronic hypercholesterolemia on myofiber membrane cholesterol and skeletal muscle membrane damage in a mouse model*

M.S.—Kinesiology; University of Nevada, Las Vegas (UNLV), 1998

Emphasis: Exercise Science

Professional Paper: *A Need For Certification in the Coaching Profession*

B.A.—Exercise Science (Cum Laude); Wichita State University, 1996

Emphasis: Athletic Training

A.A.—Sports Medicine; Hutchinson Community College, 1994

## Professional Credentials/Training:

- National Athletic Trainer's Association: Athletic Trainer (ATC), 1996-current
  - *Certification #119602616*
- Texas Advisory Board of Athletic Trainers: Athletic Trainer (LAT), 1999-current
  - *License #AT2198*
- National Strength and Conditioning Association: Strength and Conditioning Specialist (CSCS), 1997-current
  - *Certification # 976899*
- Baylor College of Medicine 'Ethics in Science' Training Seminars, 2012-13
- American Red Cross First Aid and CPR Instructor, Certified, 1999-2006
- American Red Cross Professional Rescuer + AED, Certified, 2004-current
- Kansas Board of Emergency Medical Services Registration: EMT, 1996-2002
- Kansas State Board of Healing Arts Registration: Athletic Trainer, 1998-1999
- National Provider Identifier (NPI): 1477767408

## Employment History:

### Professional:

*University of Houston, Department of Health and Human Performance, 2014-current*

Clinical Associate Professor: 2021 – current

Clinical Assistant Professor: 2014 – 2021

Program Director Master of Athletic Training Program: 2023 – current

Interim Program Director, Master of Athletic Training Program: March – May 2020

Clinical Coordinator, Master of Athletic Training Program: 2014 – 2023

*Job responsibilities include:*

- Initial design of program to achieve accreditation from the Commission on Accreditation of Athletic Training Education (CAATE)
- Collaborate with the Program Director to implement policies and procedures for the new Master of Athletic Training (MAT) program
- Establish and coordinate clinical education sites
- Coordinate orientation and education of program preceptors
- Submit annual accreditation progress report
- Design and teach courses in the MAT program
- Supervise MAT student case study preparation and if necessary, submission

*Courses Designed and Taught (Syllabi available upon request):*

- ATP 6302 Emergency Management & Prevention of Injury
- ATP 6102 Emergency Management & Prevention of Injury Lab
- ATP 6191 Clinical Education I
- ATP 6311 Introduction to Research in Athletic Training
- ATP 6192 Clinical Education II
- ATP 6322 Pharmacology in Athletic Training
- ATP 6193 Clinical Education III
- ATP 7312 Principles of Strength and Conditioning
- ATP 7194 Clinical Education IV
- ATP 7195 Clinical Education V
- ATP 7196 Clinical Education VI
- ATP 7302 General Medical Conditions
- ATP 7311 Nutrition & Performance
- ATP 7321 Psychological Aspects of Sports Injury
- KIN 3325 Sports Therapy / Athletic Training
- Master of Athletic Training Student Society (MATSS) advisor (2014 – 2019)
  - Coordinate guest speakers
  - Act as a liaison between MATSS and relevant university officials

***Baylor College of Medicine; Department of Molecular Physiology and Biophysics, 2011-2013***

Postdoctoral Research Associate, Department of Molecular Physiology and Biophysics

--Laboratory of Dr. Susan Hamilton

*Job responsibilities included:*

- Development, design, data collection, and manuscript preparation of independent project
- Actively seek and apply for project funding
- Actively participate in Responsible Conduct of Research training
- Primary researcher for experiment data collection of *in vitro* force-frequency and fatigue measurements, determination of myofiber cross-sectional area, skeletal muscle cryo-sectioning, ImageJ and Photoshop CS3 image analysis
- Statistical analysis of lab data

***University of Houston; 2005-2011***

Teaching Fellow (2005-07)

Research Assistant (2007-2011)

*Job responsibilities included:*

- Course instruction for up to six credit hours per semester

*Courses Taught (Syllabi available upon request):*

- KIN 1104 Movement Activities for Children
- KIN 1252 Foundations of Kinesiology Studies
- KIN 2100 Individual and Dual Sports
- KIN 3300 Motor Development
- PEB 1110 Combative Sports
- PEB 1136 Racquetball
- Grade exams and serve as primary student contact for PEP 6305
- Data collection for both field-based and laboratory-based research studies
- Sample analysis for laboratory-based research studies

***Lamar University (Beaumont, TX); 1999-2005***

Head Athletic Trainer

Lecturer, Health and Kinesiology

*Job responsibilities included:*

- Primary medical coordinator for all of Lamar University's 14 athletic teams
- Course instruction for up to nine credit hours per semester

*Courses Taught:*

- HLTH 1306 First Aid & CPR
- HLTH 2376 Care and Prevention of Athletic Injuries
- HLTH 4301 Advanced Athletic Training (Evaluation)
- HLTH 4310 Advanced Athletic Training (Therapeutic Modalities and Rehabilitation)

- Instrumented partnership between Christus St. Elizabeth Hospital's Family Practice fellowship program and the Lamar University sports medicine program to facilitate daily on-site general medical care for Cardinal athletes. Maintained a new relationship with Southeast Texas Medical Associates in 2002 after elimination of St. Elizabeth's fellowship program
- Appointed to the UTMB-Galveston School of Medicine's Department of Family Medicine as a Family Medicine Specialist
- Interim appointment to Lamar's Graduate Faculty Board
- Recruitment, supervision, and guidance of over thirty (30) student athletic trainers and three Graduate Assistants for the Cardinal sports medicine program.
- Served on educational committee to create a new Exercise Science program at Lamar University
- Provided academic advisement for student athletic trainers
- Advisor for Lamar's student athletic trainer program, LUSATA
- Insurance and medical billing coordinator for Lamar University athletics
- Web page designer and webmaster, Lamar University Sports Medicine
- Athletic Trainer for Lamar University Men's Basketball, 2000 Southland Conference Tournament champions, 2000 NCAA Tournament participants
- Drug testing coordinator

***Pratt Community College (Pratt, KS); 1998-1999***

Head Athletic Trainer

Instructor, Health, Physical Education and Recreation

*Job responsibilities included:*

- Primary medical coordinator for PCC's eight athletic teams
- Recruitment, supervision, and guidance of student athletic aides
- Provided academic advisement for student aides
- Insurance and medical billing coordinator for PCC athletics
- Drug testing coordinator
- Course instruction in physical education

**Adjunct/Contract/Temporary/Assistantships:**

*San Jacinto Community College—North; 2005-2008*

Adjunct Instructor – Physical Education Department

Courses Taught (Syllabi available upon request):

- PHED 1101 – Beginning Tennis
- PHED 1119 – Exercise for Health and Fitness
- PHED 1143 – Walking for Fitness

*St. John's School; 2005-2009*

Contract Athletic Trainer

*Lutheran South High School; 2005-2009*

Contract Athletic Trainer

*Cegedim Dendrite Field Inventory Services; 2000-2015, 2022 - current*

Perform audits and closeouts of pharmaceutical rep drug sample inventories

Conduct pharmacy audits of Controlled (II-V) substances

*University of Nevada—Las Vegas (UNLV); 1996-98*

Graduate Assistant Athletic Trainer,

Assistant Lecturer—Athletic Training Education Program

*Pacific Southwest Physical Therapy; 1997*

Physical Therapy Technician

## **Professional Memberships:**

- National Athletic Trainer's Association: 1995-current
- Southwest Athletic Trainer's Association: 1999-current
- International Institute for Race Medicine: (2015-current)
- Baylor College of Medicine Postdoctoral Association: (2011-2013)
- National Strength and Conditioning Association: 1997-current
- Greater Houston Athletic Trainer's Society: 2008-current
- Kansas Athletic Trainer's Association: 1998-1999
- Mid-America Athletic Trainer's Association: 1996 - 1999
- Kansas EMS Association: 1995-2002
- Far West Athletic Trainer's Association: 1996-1998

## **Professional Awards:**

- National Athletic Trainer's Association's 25-year service award: 2023
- Southwest Athletic Trainer's Association's Christine Bonci award for Excellence in Athletic Training Scholarship: 2023
- Commission on Accreditation of Athletic Training Education's Innovation Award (MAT program): 2025
- University of Houston's President's Circle Award: 2026

## Research

### *Interests:*

- Load-induced skeletal muscle damage
- Hypercholesterolemia's role in skeletal muscle damage
- Statin-induced myopathy
- Creatine kinase response to resistive exercise and injury
- Athletic training perceptions
- Vestibular disorders

### *Current projects:*

#### Peer-reviewed manuscript

- Perceptions of the ability of various healthcare fields to perform specific practice domains (survey study), currently in write-up and analysis phase

## Publications:

### Books published:

- *Facing Bladder Cancer: Facing Bladder Cancer: A Practical and Personal Guide for Newly Diagnosed Patients and Their Caregivers.* Kiremma Press 2025. ISBN# 978-1733321051
- *Stroke: A practical guide for patients and their caretakers.* Kiremma Press. 2023. ISBN# 978-1733321044
- *Clinical Nutrition for Athletic Trainers* (Editor). Slack Incorporated. 2022. ISBN# 978-1630918040
- *CBD For the Vestibular Patient.* Kiremma Press. 2020. ISBN# 978-1733321020. 183pp
- *100 Low-sodium recipes (For Big Appetites!)* Kiremma Press. 2020. ISBN# 978-1733321037. 169pp
- *Mal de Debarquement Syndrome: A Comprehensive Patient Guide.* Kiremma Press. 2019. 978-1-7333210-1-3. 139pp
- *Living Low Sodium: A guide for understanding our relationship with sodium and how to be successful in adhering to a low-sodium diet.* Kiremma Press. 2018. ISBN# 978-1732067448
- *A Patient's Guide to Acoustic Neuroma.* Kiremma Press. 2019. ISBN# 978-1732067486. 159pp
- *Outlining Tinnitus: A comprehensive guide to help you break free of the ringing in your ears.* Kiremma Press. 2018. ISBN# 978-1-7320674-2-4. 164 pp.
- *Understanding BPPV: Outlining the Causes and Effects of Benign Paroxysmal Positional Vertigo.* Kiremma Press. 2018. ISBN# 978-1-7320674-1-7. 128 pp.
- *PPPD: A patient's guide to understanding persistent postural-perceptual dizziness.* Kiremma Press 2019. ISBN# 978-1733321006.
- *Vestibular Migraine: A comprehensive patient guide.* Kiremma Press. 2019. 978-1732067455. 181pp.
- *Overcoming Meniere's: How changing your lifestyle can change your life.* Kiremma Press. 2018. ISBN# 978-1-7320674-7-9. 140pp.

- *Professional Writing in Kinesiology and Sports Medicine* (Editor). Slack Incorporated. ISBN# 978-1-63091-506-3. 224 pp.

### Book Chapters:

- Chapter 4: Micronutrients. Published in *Clinical Nutrition for Athletic Trainers*. Slack, Incorporated. December 2022.
- Chapter 14: Understanding the Food Label. Published in *Clinical Nutrition for Athletic Trainers*. Slack, Incorporated. December 2022.
- Knoblauch, M. Chapter 6: Selecting a Journal and Navigating the Author's Guide. Published in *Professional Writing in Kinesiology and Sports Medicine*. Publisher: Slack Incorporated. ISBN# 978-1-63091-506-3. 224 pp.
- Knoblauch M, and Yellen J. Chapter 7: Creating the "Hook": Drafting an Effective Title and Abstract. Published in *Professional Writing in Kinesiology and Sports Medicine*. Publisher: Slack Incorporated. ISBN# 978-1-63091-506-3. 224 pp.

### Peer-Reviewed Articles: In-preparation, Submitted, or Accepted for Publication

- **Knoblauch M**; Laughlin M; Vineyard A; Poe R. Perceptions of various healthcare professions' ability to perform specific practice domains. In preparation for submission to *Journal of Athletic Training* June 2023.
- Chang Seok Lee, Dimitra K. Georgiou, Adan Dagnino-Acosta, Viktor Yarotsky, Alla Lyfenko, **Mark Knoblauch**, et al. Skeletal Muscle Regulation of Body Fat: Critical Role of Ca<sup>2+</sup> Influx via CaV1.1. In preparation for re-submission to *Cell Metabolism*

### Peer-reviewed: Published:

- Lee CS, Hanna AD, Wang H, Dagnino-Acosta A, Joshil AD, **Knoblauch M**, et al. A Chemical Chaperone Alleviates ER Stress and Improves Muscle Function in Mice with an RyR1 Mutation. *Nature Communications*. March 2017. 8:14659
- Babcock LW, **Knoblauch M**, Clarke, MSF. The role of myostatin and activin receptor IIB in the regulation of unloading-induced myofiber type-specific skeletal muscle atrophy. *Journal of Applied Physiology* 2015; 119(6): 633-642.
- Lee CS, Dagnino-Acosta A, Yarotsky V, Hanna A, Lyfenko A, **Knoblauch M**, et al. Ca<sup>2+</sup> permeation and/or binding to CaV1.1 fine-tunes skeletal muscle Ca<sup>2+</sup> signaling to sustain muscle function. *Skeletal Muscle*. 2015; 5:4
- Pedrotti S, Guidice J, Dagnino-Acosta A, **Knoblauch M**, et al. The RNA-binding protein Rbfox1 regulates splicing required for adult skeletal muscle function. *Human Molecular Genetics*. 2015; 24(8): 2360-74.
- Chang Seok Lee, Dimitra K. Georgiou, Adan Dagnino-Acosta, Jianjun Xu, Iskander I Ismailov, **Mark Knoblauch**, et al. Ligands for FKBP12 Increase Ca<sup>2+</sup> influx and protein synthesis to improve skeletal muscle function. *J Biol Chem* 2014. 289(37): 25556-70
- **Knoblauch, MA**; Dagnino-Acosta, A; Hamilton, S. Mice with an RyR1 mutation (Y524S) Undergo a

Hypermetabolic Response to Simvastatin. *Skeletal Muscle*, 2013. 3:22

- **Knoblauch, MA**; O'Connor, DP; Clarke, MSF. Obese mice incur greater myofiber membrane disruption in response to mechanical load compared to lean mice. *Obesity* (Silver Spring). 2013 Jan;21(1):135-43
- O'Connor, DP; **Knoblauch, MA**. Electrocardiogram testing during athletic pre-participation physical examinations. *Journal of Athletic Training*. 2010. 45(3):265-72
- **Knoblauch, MA**; O'Connor, DP; Clarke, MSF. Capillary and Venous Samples of Total Creatine Kinase Are Similar After Eccentric Exercise. *Journal of Strength and Conditioning Research*. 2010. 24(12):3471-3475.
- Sharma SV, Bush JA, Lorino AJ, **Knoblauch M**, Abuamer D, Blog G, Bertman D. Diet and Cardiovascular Risk In University Marching Band, Dance Team and Cheer Squad Members: A Cross-Sectional Study. *J Int Soc Sports Nutr*. 2008 Apr 18;5:9.

### Abstracts:

- **Knoblauch, MA**; O'Connor, DP; Clarke, MSF. Decreased skeletal myofiber cross-sectional area in the gastrocnemius of obese mice compared to normal-weight controls. *Journal of Strength and Conditioning Research – Supplement*, April 2013.
- **Knoblauch, MA**; O'Connor, DP. Relative Cost Effectiveness Of ECG Screening Male And Female Athletes In High School Preparticipation Physical Examinations In Texas. *Journal of Athletic Training*. 2008 43(3 supp):S-81
- Bush JA, AJ Lorino, S Sharma, J Banda, **MA Knoblauch**, J Hallmark, D Abuamer, GS Blog, D Bertman, M McMartin. Characteristics, correlates, and perceptions of cardiovascular health in an urban university marching band, ACSM Denver, CO, *Med Sci. Sports Exerc*. 38(5 suppl):S427, Denver CO, 2006.

### Non-peer reviewed:

- **Knoblauch, MA**. [Letter to the editor]. "Should ATs be able to write prescriptions?". *NATA News*
- **Knoblauch, MA**. [Letter to the editor]. "Doc" is Also a Wrong Term. *NATA News* July 2005, pg 52.
- October 2015, p 10-11. Boatwright, D., Strickland, G, **Knoblauch, M.**, Smith, C., & McCraw, J. The Hydrated State of a College Basketball Team After Practice. *Applied Research in Coaching and Athletics Annual*, 111-116 (2001)

## Poster Presentations:

- **Knoblauch, MA**; Vineyard, A; Poe, R. Perceptions of Athletic Trainer Abilities to Perform Skills Outlined in the BOC Practice Analysis. National Athletic Trainer's Association 2017 Annual Meeting; Houston, TX.
- **Knoblauch, MA**; O'Connor, DP; Clarke, MSF. Decreased skeletal myofiber cross-sectional area in

the gastrocnemius of obese mice compared to lean controls. National Strength and Conditioning Association 2012 Annual Meeting; Providence, RI

- **Knoblauch, MA;** O'Connor, DP. "Relative Cost Effectiveness of ECG Screening of Male and Female High School Athletes In Texas". National Athletic Trainer's Association 2008 Annual Meeting; St. Louis, MO
  - Nominated for *Best Doctoral Student Poster Presentation*
  - Poster also accepted for presentation at National Center for Human Performance 2008 Annual Meeting; Houston, TX

## Invited/Competitive Presentations:

- Southwest Athletic Trainers' Association annual symposium: Closing the Generational Gap: Recognizing Generational Differences in the Athletic Training Room, July 2025
- Memorial Hermann Sports Medicine Update: "The Generational Gap: Finding Common Ground in the Athletic Training Room", June 2025
- Athletic Trainers of the Golden Triangle 2024 Summer Clinic: "The Great Divide: Understanding Generational Differences Between ATs, Their Students, and Their Athletes", July 2024
- Southern Headache Society 12<sup>th</sup> Annual Scientific Meeting: "Vestibular Migraine – A Patient's Perspective". September 2022
- Southwest Athletic Trainers' Association annual symposium: "Tinnitus: A clinical overview for athletic trainers". July 2022
- Southwest Athletic Trainers' Association annual symposium: "Vestibular Screening for the Athletic Trainer". July 2022
- Athletic Trainers of the Golden Triangle 2022 Winter Clinic: "Vestibular Screening for Athletic Trainers", January 2022
- Greater Houston Athletic Trainers' Society 2022 Annual Workshop: "From Boomers to GenZ: Improving patient care and mentoring in athletic training", January 2022
- Athletic Trainers of the Golden Triangle 2021 Summer Clinic: "The Vestibular System – A Clinical Focus for ATs", July 2021
- Southwest Athletic Trainers' Association annual symposium: "The Vestibular System – a Clinical Focus for Athletic Trainers and Healthcare Providers", July 2021
  - Virtual presentation
- Memorial Hermann Sports Medicine Update: "Vestibular Testing for the Sports Medicine Professional", June 2021
  - Virtual presentation
- Southwest Athletic Trainers' Association annual symposium: "Cannabidiol (CBD): The Great Hope Or The Big Nope?", July 2020
  - *accepted, but presented virtually due to the event moving to virtual convention as a result of COVID-19*
- Memorial Hermann Sports Medicine Update: "Dizziness and Instability: When It's Not A Concussion". June 2020
  - *accepted, but presented virtually due to the event moving to virtual convention as a result of COVID-19*
- Southeast Athletic Trainers' Association Clinical Symposium and Members' Meeting: When it's not a concussion - outlining the vestibular side of dizziness and imbalance, March 2020

- Mid-America Athletic Trainers' Association 41<sup>st</sup> Annual Meeting and Symposium: "Find the Source: Vestibular Side of Dizziness", March 2020
  - *accepted, but not presented due to event cancellation as a result of COVID-19*
- Mid-America Athletic Trainers' Association 41<sup>st</sup> Annual Meeting and Symposium: From Boomers to GenZ: How understanding the generations can improve patient care and mentoring in athletic training, March 2020
  - *accepted, but not presented due to event cancellation as a result of COVID-19*
- Southwest Athletic Trainers' Association annual symposium: "Concussion: Navigating the Labyrinth", July 2019
- Memorial Hermann Sports Medicine Update: "Diagnostic Accuracy", June 2019
- Southwest Athletic Trainers' Association annual symposium: "Understanding our Current Student Generation", July 2018
- Memorial Hermann Sports Medicine Update: "Understanding our Current Student Generation", June 2018
- SWATA Competency Workshop: "Conducting an Effective Orthopedic Evaluation", January 2018
- SWATA Competency Workshop: "Joint Mobilizations", January 2017
- Health and Human Performance Faculty Research Day: "Perceptions of various healthcare professions' ability to perform specific practice domains (preliminary data findings), October 2016
- Panelist: Commission on Accreditation of Athletic Training Education annual meeting. Site Visits: Plan B (When things don't go as planned), October 2016
- SWATA Competency Workshop: "Appropriate Care of the Spine Injured Athlete – Update", January 2016
- SWATA Competency Workshop: "Pharmacology Review for the BOC Exam", January 2015
- Panelist, University of Houston Faculty Seminar Series: "Sports Concussion Safety and Treatment: Past Present, and Future, 2014
- University of Houston Faculty Seminar Series: "Sudden Cardiac Death in Athletes", 2014
- Baylor College of Medicine Molecular Physiology and Biophysics Postdoctoral Series: "RyR1 Mutant Mice Exhibit Enhanced Sensitivity to an Acute Dose of Simvastatin", March 2013
- Baylor College of Medicine Molecular Physiology and Biophysics Postdoctoral Series: "Unraveling the mechanisms behind statin-induced myopathy", April 2012
- University of Houston Graduate Student Research Day: "Extraction of skeletal muscle membrane cholesterol via sequential aqueous and organic buffers", October 2010
- University of Houston Graduate Student Research Day: "Sweat Collection for Bone Marker Monitoring: Phase 1 – Protocol Development". October, 2009
- University of Houston Graduate Student Research Day: "Effectiveness of Population-Specific Electrocardiogram Testing During Athletic Pre-participation Physical Examinations", October 2008
- University of Houston Graduate Student Research Day: "Validation of capillary sampling versus venous for determination of total CK activity after resistive exercise"; October 2007
- Southeast Texas Athletic Trainer's Society: "Stretching—The Truth?", January 2005
- Southeast Texas Athletic Trainer's Society: "Supplementation in Athletics", January 2004
- Southeast Texas Athletic Trainer's Society: "Second Impact Syndrome"; January, 2001
- Christus St. Elizabeth Family Practice Residency, Evaluation of: Shoulder, Elbow/Hand, Hip, Knee, and Ankle; September—November, 2001
- Southwest Athletic Trainer's Association: "Evaluation of the Hand, Wrist, and Elbow"; Student Program, July, 2002

## National Webinar Presentations:

- National Athletic Trainers' Association: "The Vestibular System – a Clinical Focus for Athletic Trainers and Healthcare Providers" – July, 2020
  - (Evidence-based-practice approved)

## Supervised Student Research

### Conference Oral Presentations:

- Brittle J, Ryan W, Yellen J, Knoblauch M. Patent Foramen Ovale (PFO) Discovered in 17-Year-Old Athlete After Acute Stroke. Clinical Case Report Level 4. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2020
- Ator NA, Maloney K, Yellen J, Knoblauch M. Physical Therapy with Dry Needling in a Patient with Cervicogenic Headaches. Southwest Athletic Trainer's Association Annual Meeting, July 2018
- Chavez-Madrid, J., Lang, A., Hight, N., Yellen, J., Knoblauch, M. Triangular Fibrocartilage Complex Tear In A Female Swimmer. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2017.
- Kwok M, Houston JD, Shield C, Yellen JB, Knoblauch M. Vestibular Oculomotor Rehabilitation and Neck Muscle Strengthening for Concussion Recovery in A Collegiate Basketball Athlete. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2017.
- Painter C, Turner T, Yellen J, Knoblauch M. Bilateral Patellar Tendon Rupture in a Football Player. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2017.
- Parker S, Ready S, Yellen J, Knoblauch M. Acromion Clavicular Separation with Abscess Infection. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2017.
- Rueda M, Bhojani R, Yellen J, Knoblauch M. Non-Traumatic Slipping Rib Syndrome in a High School Student. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2017
  - Winner, best student oral presentation
- Lewis, Tashare; Houston, J; Yellen, J; Knoblauch, M. Non-traditional use of platelet rich plasma injection for lateral femoral condyle osteochondral defect lesion. Presented at the Southwest Athletic Trainer's Association Annual Meeting – 2016.
- Perez, A; Stuckey, D; Yellen, J; Knoblauch, M. Venous vascular malformation in a collegiate soccer player. Presented at the Southwest Athletic Trainer's Association Annual Meeting – 2016.
- Strickland-Forbes, S; Malloy, M; Yellen, J; Knoblauch, M. Fibular osteoid osteoma in a collegiate track athlete. Presented at the Southwest Athletic Trainer's Association Annual Meeting – 2016.
  - Winner, best student oral presentation
- Cascia, N; Takashima, H; Yellen, J; Knoblauch, M. Common plantar digital nerve pain due to

lumbopelvic dysfunctions in a collegiate baseball player. Presented at the Southwest Athletic Trainer's Association Annual Meeting – 2015.

- Ryan, W; Takashima, H; Yellen, J; Knoblauch, M. The outcomes of conservative treatment of os trigonum syndrome in an NCAA baseball player. Presented at the Southwest Athletic Trainer's Association Annual Meeting – 2015.
- Crandell, A; Matvey, L; Yellen, J; Knoblauch, M. Vasovagal syncope and grand mal seizures with ventricular pauses in a collegiate volleyball player. Presented at the Southwest Athletic Trainer's Association Annual Meeting – 2015.
- Payne, K; Houston, J; Yellen, J; Knoblauch, M. Iliacus avulsion underlying symptoms of iliac crest contusion. Presented at the University of Houston's Health and Human Performance Research Day – 2015.
- Barnes, M; Hight, N; Barnes, D; Yellen, J; Knoblauch, M. Unique shape of tibial plateau fracture in an 18-year-old football athlete. Presented at the University of Houston's Health and Human Performance Research Day – 2015.

### Conference Poster Presentations:

Battle JM, Edwards J, Knoblauch M. Special Test Inconclusive Due to Prior ACL Tears. Southwest Athletic Trainer's Association Annual Meeting, July 2024

Berry, TE, Villarreal, J, Knoblauch, M. Non-Epileptic Febrile Seizures and Concussions in Collegiate Athlete. Southwest Athletic Trainer's Association Annual Meeting, July 2024

Fitzgerald A, Carvino N, Knoblauch M, Harrison L. Esophageal Candidiasis in a Baseball Athlete. Southwest Athletic Trainer's Association Annual Meeting, July 2024

Gibson NJ, Goyen C, Knoblauch M. Four Bilateral Femoral Stress Fractures Found in a Collegiate Sprinter. Southwest Athletic Trainer's Association Annual Meeting, July 2024

Hammack C, , Bennett L, Knoblauch M. Early Use of Blood Flow Restriction following ACL Reconstruction. Southwest Athletic Trainer's Association Annual Meeting, July 2024

Harris, Bianca N., York, Chelsea. Meningitis in a Division I Female Basketball Player. Southwest Athletic Trainer's Association Annual Meeting, July 2024

Hill CJ, Houston J, Knoblauch M. The rarity of Cuboid Syndrome leading misdiagnosis due to similarities with Lateral Midfoot injuries. Southwest Athletic Trainer's Association Annual Meeting, July 2024

Hwang S, Carter S, Knoblauch MA, Harrison LJ. Concurrent Athletic Pubalgia and Acetabular Labral Tear in Collegiate Football Athlete. Southwest Athletic Trainer's Association Annual Meeting, July 2024

Jackson K, Hesseletine A, Knoblauch M. Scoliosis-Induced Migranes in a Collegiate Track Athlete. Southwest Athletic

Trainer's Association Annual Meeting, July 2024.

Nelson J, Hesseltine A, Knoblauch M. ACL Reconstruction with Osteotomy Leveling of Tibial Plateau. Southwest Athletic Trainer's Association Annual Meeting, July 2024.

Puente J, Mata S, Knoblauch M. A Cementless Total Knee Arthroplasty in a 49-Year-Old. Southwest Athletic Trainer's Association Annual Meeting, July 2024.

Quintana RL, Menjivar M, Goyen C, Knoblauch M. Myositis Ossificans in a Female Sprinter with the Sickle Cell Trait. Southwest Athletic Trainer's Association Annual Meeting, July 2024.

Rodriguez, S, Dickinson, A; Knoblauch, M. Isolated Grade II PCL Tear in Collegiate Baseball Athlete with Negative Stress Test Findings. Southwest Athletic Trainer's Association Annual Meeting, July 2024.

Trevino V, Osato K, Knoblauch M. Cuboid Syndrome in a Collegiate Volleyball Player. Southwest Athletic Trainer's Association Annual Meeting, July 2024.

Acosta L, Knoblauch M; Carvino N. Lacertus Fibrosis Syndrome in a Collegiate Baseball Athlete. Southwest Athletic Trainer's Association Annual Meeting, July 2023

Bradshaw B, Wonesh L, Harrison LJ, Knoblauch M. Conservative Treatment of Symptomatic Type II Os Navicular in a Pre-professional Dancer. Southwest Athletic Trainer's Association Annual Meeting, July 2023

Cabrales, D, Garcia, A, Knoblauch, M. Tubo- Ovarian Abscess in a Collegiate Volleyball Athlete. Southwest Athletic Trainer's Association Annual Meeting, July 2023

Enoch J, Marant D, Knoblauch M. Gluteus Medius Tear Without Acute MOI in an American Football Athlete. Southwest Athletic Trainer's Association Annual Meeting, July 2023

Hawkins E, Kimble B, Knoblauch M. Guillain Barré Syndrome in young College Football Athlete. Southwest Athletic Trainer's Association Annual Meeting, July 2023

Johnson A, Webb T, Knoblauch M. Coronavirus Complications During ACL Rehabilitation for a Collegiate Football Player. Southwest Athletic Trainer's Association Annual Meeting, July 2023

Lavery, R, Copa, D, Knoblauch, M. Vertical ACL Graft Placement Creating Excess Anterior Translation Hidden by Orthopedic Test Functionality. Southwest Athletic Trainer's Association Annual Meeting, July 2023

Le S, Goyen C, Knoblauch M. Trapezoid Stress Fracture in a Collegiate Track & Field Athlete. Southwest Athletic Trainer's Association Annual Meeting, July 2023

- Nelson EN, Pitcock TD, Knoblauch K, Harrison LJ. Low Ferritin Count in Female Collegiate Soccer Player Presents as Concussion. Southwest Athletic Trainer's Association Annual Meeting, July 2023
- Ogbebor, A, Trower, A, Knoblauch, M. Short Head of the Bicep Rupture in a Collegiate American Football Athlete. Southwest Athletic Trainer's Association Annual Meeting, July 2023
- Reyes A, Fry C, Eberhardt J, Patrey II T, Knoblauch M. Tibial Tubercle Avulsion Fracture in An Adolescent Athlete. Southwest Athletic Trainer's Association Annual Meeting, July 2023
- Seriale KP, York C, Knoblauch M. Pituitary Adenoma In a Female Collegiate Basketball Player. Southwest Athletic Trainer's Association Annual Meeting, July 2023
- Tso A, Bickel S, Knoblauch M. Male Soccer Athlete presenting with Limited Wrist Extension due to an Undiagnosed Malunion of the Scaphoid. Southwest Athletic Trainer's Association Annual Meeting, July 2023
- Walker TL, Marant DJ, Knoblauch MA, Harrison LJ. Collegiate Football Player with Chronic Ankle Instability Diagnosed with Gout. Southwest Athletic Trainer's Association Annual Meeting, July 2023
- Zeni A, Hesseltine A, Knoblauch M. Thoracic Outlet Syndrome Leads to Pectoralis Minor Release and Ulnar Nerve Transposition. Southwest Athletic Trainer's Association Annual Meeting, July 2023
- Gatson T, Fulkman J, Yellen J, Knoblauch M. Trampoline Injury leads to Lateral Ankle Ligament Reconstruction Surgery in a Ballerina. Southwest Athletic Trainer's Association Annual Meeting, July 2022
- Gonzalez A, Houston J, Yellen J, Knoblauch M. Sagittal Band Injury of the Left 3rd Metacarpophalangeal Joint in Basketball Athlete. Southwest Athletic Trainer's Association Annual Meeting, July 2022
- Hernandez, V, Houston, J, Knoblauch, M, Yellen, J, Harrison, L. Metatarsal Stress Fracture that Presented as Plantar Fasciitis in a Collegiate Basketball Player. Southwest Athletic Trainer's Association Annual Meeting, July 2022
- Mendoza Z, Shah V, Yellen J, Knoblauch M. Lateral Bucket Handle Tear in Healthy Young Adult Male. Southwest Athletic Trainer's Association Annual Meeting, July 2022
- Mercier M\*, Riddle T†, Yellen J\*, Knoblauch M. Chronic Displacement of the 3rd Rib in a Highschool Baseball Player. Southwest Athletic Trainer's Association Annual Meeting, July 2022
- Mikahiel, A, Goyen, C, Knoblauch, M, Yellen, J, Harrison, L. Bilateral Femoral Stress Fractures and Tibial Stress Reactions in a Collegiate Cross-Country Runner. Southwest Athletic Trainer's Association Annual Meeting, July 2022
- Santibañes N, Neeley B, Yellen, J, Knoblauch M. The Muschaweck Minimal Repair Technique on Soccer Player with a Sports Hernia. Southwest Athletic Trainer's Association Annual Meeting, July 2022

- Vargas, J, Bennett L, , Yellen J, Knoblauch M. Thoracic Outlet syndrome in a goalkeeper. Southwest Athletic Trainer's Association Annual Meeting, July 2022
- Williams I, Garcia A, Yellen J, Knoblauch M. Bilateral Femoral Stress Fractures in a Collegiate Track and Field Athlete. Southwest Athletic Trainer's Association Annual Meeting, July 2022
- Bond N, Harrison L, Yellen J, Knoblauch M. Clavicle, Scapular and Second Rib Fracture in Male Recreational Mountain Biker. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2021
- Boothe K, Moran D, Yellen, J, Knoblauch M, Harrison L. Medial and Lateral Ankle Sprain in a Division 1 Collegiate Football Player from an Inverted Load. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2021
- Caridad C, Fulkman J., Yellen J., Knoblauch M. Iliofemoral ligament calcification in a young female athlete. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2021
- Carranza CR, Brown KJ, Yellen J, Knoblauch MA. Tibial Oblique Fracture in a Division I Collegiate Baseball Player. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2021
- Ervine C, Fulkman J, Yellen J, Knoblauch M. Multilevel Cervical Spondylosis Treated Conservatively in an Older Adult. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2021
- Fitz L, Monreal D, Yellen J, Knoblauch M. Anterior Talocrural Impingement in a Division I Track and Field Thrower. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2021
- Hairell K, Garcia A, Yellen J, Knoblauch M, Harrison L. Reoccurring Second Metatarsal Stress Fracture in a Division I Female Collegiate Swimmer. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2021
- Johnson EN, Shaddock C, Knoblauch, M, Harrison LJ. Tight Hamstrings Leads to Open Meniscal Repair Surgery in a High School Basketball Player. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2021.
- Kothmann S, Webb T, Yellen J, Knoblauch M. First Rib Fracture in an American College Football Athlete. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2021.
- Robinson C, Monreal D, Yellen J, Knoblauch M. Tibial Stress Fracture Presenting Neurologically In A Female Collegiate Cross-Country Runner. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2021.
- York C, Miller D, Yellen J, Knoblauch M. Surgical Repair of Acetabular Labral Tear with Concurrent Hernia in a Collegiate Division I Basketball Athlete. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2021.
- Allen K, Frank E, Yellen J, Knoblauch M. Bilateral Tibial Stress Reactions in College Female Distance Runner on Low

FODMAP Diet. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2020

Bardales J, Houston J, Knoblauch M. Male Collegiate Athlete Presents with a Urinary Tract Infection resulting in a Meatotomy. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2020

Campbell C, Kimble B, Yellen J, Knoblauch M. Rehabilitation of multi-directional shoulder instability and labral repair in a Division I Football Player with hyper-laxity. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2020

Dickey RC, Kimble BJ, Knoblauch MA, Harrison L. Non-Invasive Intervention for a Proximal Avulsion of the Adductor Longus Muscle in a Collegiate Football Player. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2020

Fuentes, GF, Ashley, YA, Knoblauch, MK. A Case Report of Rhabdomyolysis in a Collegiate Female Track and Field High Jumper. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2020

Hale V, Bennett L, Yellen J, Knoblauch M. Colitis and Diverticulitis in a Female Collegiate Cross-Country Runner. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2020

Hearn S, Webb T, Yellen, J, Knoblauch M. Reverse bony Bankart injury and a global 360 degrees labral tear in a collegiate football athlete. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2020

Malia C, Myrie U, Yellen J, Knoblauch M. Lisfranc Fracture-Dislocation in a Professional Football Athlete: Multi-Injury Management. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2020

Malone A, Monreal D, Yellen J, Knoblauch M. Rhabdomyolysis in a Collegiate Male Track and Field Sprinter Doing Low Exertional Activities. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2020

Padilla I, Keys K, Yellen J, Knoblauch M. Upper Crossed Syndrome, Biceps Tendonitis, and Irritated Nerve in a Collegiate Male Basketball Player. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2020

Quinn M, Heeter J, Yellen J, Knoblauch M. Type I Diabetes in a Female Collegiate Volleyball Player. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2020

Riley B, Cohn A, Yellen J, Knoblauch M. Delayed Healing of MTSS and Stress Fractures Potentially Due to Poor Blood Circulation in a Collegiate Female Athlete. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2020

Rourke T, Brown K, Knoblauch M. An undisclosed diagnosis of Coats' disease in a collegiate baseball player. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2020

- Scott J\*, Kimble B†, Knoblauch M\*, Harrison L. Initial Tibialis Posterior Strain Later Diagnosed as Syndesmotic Ankle Sprain in Collegiate Division I Football Athlete. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2020
- Spitzenberger, N, Cohn, A, Yellen J, Knoblauch M. Prolactinoma and Medial Tibial Stress Syndrome in a Collegiate Endurance Athlete. Southwest Athletic Trainer's Association Annual Meeting (Virtual), July 2020
- Bonds S, Ramon A, Yellen J, Knoblauch M. Treatment of avascular necrosis in a displaced metacarpal fracture. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2019.
- Fowler B, Turner T, Yellen J, Knoblauch M. Semitendinosus rupture and complete surgical removal of the semitendinosus muscle. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2019.
- Hayes SA, Bennett L, Yellen J, Knoblauch M. Atypical second branchial cleft cyst in college soccer player resulting in a specific return to play protocol. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2019.
- Lajoie B, Brown K, Yellen J, Knoblauch M. Non-union sesamoid fracture with bone marrow transplant and consequent sesamoidectomy. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2019.
- Lariviere B, Marr C, Yellen J, Knoblauch M. Isolated bucket-handle lateral meniscal tear with an unexpected mechanism of injury. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2019.
- Little RC, Hutchison A, Yellen J, Knoblauch M. Medial knee pain in multiple collegiate baseball pitchers on the same team. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2019.
- Neely T, Barbee A, Yellen J, Knoblauch M. Management of vasovagal syncope in a collegiate female golfer. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2019.
- Neely T, Miller D, Yellen J, Knoblauch M. Thoracic outlet syndrome in a collegiate swimmer. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2019.
- Pham J, Thomas M, Yellen J, Knoblauch Mark. An isolated Lisfranc injury. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2019.
- Pilola CS, Ryan W, Yellen J, Knoblauch M. Post-surgical impingement of the ulnar nerve after a displaced humeral shaft fracture. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2019.
- Shank M, Higbie S, Yellen J, Knoblauch M. Biocartilage implantation in a youth baseball player with an osteochondral defect of the capitellum. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2019.

\*Winner, best Undergraduate / Entry-level Master's Poster Presentation

Whiteman, L, Rodriguez, J, Yellen, J, Knoblauch, M. Return to play progression of a female collegiate basketball player from a spondylolysis that required her to spend 4 months in a TLSO brace. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2019.

Beaver J, Maloney K, Yellen J, Knoblauch M. Heart-rate based Rehabilitation Protocol of a Patient with Dysautonomia after Contracting Dengue Fever. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2018.

Cortina EA, Thomas M, Yellen J, Knoblauch M. Lesser Tuberosity Avulsion Presents as a Rotator Cuff Pathology. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2018.

Espinoza KB, Malloy ML, Yellen JB, Knoblauch M. Sea Urchin Injury to the Foot in a Collegiate Football Player. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2018.

Hearn DT, Houston J, Yellen JB, Knoblauch M. Potential Complications Associated with Femoro-acetabular Impingement. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2018.

Lange S, Papavasiliou T, Yellen J, Knoblauch M. An Awkward Landing Leads to a Tibial Osteotomy. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2018.

Mitchell M, Kimble B, Yellen J, Knoblauch M. Congenital Lumbar Spinal Canal Stenosis in a Collegiate Football Player. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2018.

Monreal D, Bhojani R, Yellen J, Knoblauch M. Glenohumeral Internal Rotation Deficit Caused by a Subscapularis Strain of a High School Football Quarterback. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2018.

Nguyen KU, Maloney K, Yellen J, Knoblauch M. Management of Complex Regional Pain Syndrome in the Lower Extremity. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2018.

Nzelu V, Turner T, Yellen J, Knoblauch M. Ankle Syndesmotic Sprain Rehabilitation with Blood Flow Restriction Training. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2018.

Orlando L, Newton B, Yellen J, Knoblauch M. Left Thigh Contusion Resulting in the Removal of an Organized Hematoma in a Collegiate Football Athlete. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2018.

Perkins T, Rodriguez J, Yellen J, Knoblauch M. Stress Fracture Associated with the Female Athlete

- Triad. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2018.
- Schuring MS, Maloney K, Yellen J, Knoblauch M. Spider Bite in a Pediatric Football Player Leads to Acute Osteomyelitis. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2018.
- Tran J, Scheckter A, Yellen J, Knoblauch M. Distal Ulna Styloid Fracture of a Postpartum Athlete: Splinting Considerations. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2018.
- Vasquez J, Ramon A, Yellen J, Knoblauch M. Ulnar Nerve Transposition Leads to False Positive UCL Pathology in a Collegiate Baseball Player. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2018.
- Wilson N, Cohn A, Yellen J, Knoblauch M. Idiopathic Lower Abdominal Pain in Female Heptathlete: A Case Study. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2018.
- Young A, Ryan W, Yellen J, Knoblauch M. Fracture of 5<sup>th</sup> Proximal Phalanx with Volar Displacement. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2018.
- Ansari S, Pena F\*, Yellen JB, Knoblauch MA. Distal Radial Buckle Fracture from Ball Impact in a Male Youth Soccer Goalkeeper. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2017.
- Denzler D, Maloney K, Yellen J, Knoblauch M. Surgical repair of an adductor tubercle avulsion fracture. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2017.
- Frank EF, Lueken RC, Yellen JB, Knoblauch MA. Rotator Cuff Pathology and SLAP Tear in a Collegiate Offensive Lineman. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2017.
- Landon M, Crow M, Barnes K, Yellen J, Knoblauch M. Vasovagal Syncope and Exercise Associated Collapse of a Collegiate Softball Athlete. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2017.
- Lopez S, Takishima H, Yellen J, Knoblauch M. Calcification on a UCL Without UCL Rupture in a Collegiate Male Baseball Player. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2017.
- Marina J, Papangellin D, Ramon A, Yellen JB, Knoblauch M. Non-Traumatic Avascular Necrosis of the Femoral Head in a Division 1 Collegiate Baseball Player. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2017.

- Mata S, Matvey L, Yellen JB, Knoblauch MA. Psychiatric Syncope in a Collegiate Volleyball Player. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2017.
- Mayol JN, Malloy ML, Yellen JB, Knoblauch MA. Nondisplaced Medial Clavicular Fracture in a Collegiate Football Athlete. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2017.
- Milnes JR, Hutchison A, Yellen J, Knoblauch M. Non-Union of a Fractured First Rib Resulting in Neurogenic Thoracic Outlet Syndrome. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2017.
- Odom, T, Malloy, M, Yellen, J, Knoblauch, M. Noncompliant Rehabilitation and Patellar Tendon Rupture. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2017.
- Poe RI, Ready ST, Yellen JB, Knoblauch MK. Vitamin D Deficiency in a Male College Football Athlete. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2017.
- Puetz, J., Lang, A., Yellen, J., Knoblauch, M. Femoral Neck Stress Fracture in a Female Swimmer: A Case Report. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2017.
- Serna R, Bennett L, Yellen J, Knoblauch M. Bilateral sports hernia in a collegiate athlete. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2017.
- Spain B, Bennett L, Yellen J, Knoblauch M. A Bankhart Lesion in a Basketball Player with Instability Issues: A Case Study. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2017.
- Vineyard A, Malloy M, Ashley Y, Yellen J, Knoblauch M. Heterotrophic Ossification in Collegiate Male Discus Thrower. Presented at the Southwest Athletic Trainer's Association Annual Meeting, July 2017.
- Coleman, M; Carter, G; Yellen, J; Knoblauch, M. Stage 4 osteochondritis dissecans in a high school football player. Presented at the Southwest Athletic Trainer's Association Annual Meeting – 2016.
- Hairston, L; Carter, G; Yellen, J; Knoblauch, M. Patellar subluxation leads to a microfracture surgery. Presented at the Southwest Athletic Trainer's Association Annual Meeting – 2016.
- Jones, A; Rice, T; Yellen, J; Knoblauch, M. Distal triceps tendon rupture. Presented at the Southwest Athletic Trainer's Association Annual Meeting – 2016.
- Payne, K; Houston, J; Yellen, J; Knoblauch, M. Iliacus avulsion underlying symptoms of iliac crest

contusion. Presented at the Southwest Athletic Trainer's Association Annual Meeting – 2015.

- Barnes, M; Hight, N; Barnes, D; Yellen, J; Knoblauch, M. Unique shape of tibial plateau fracture in an 18 year old football athlete. Presented at the Southwest Athletic Trainer's Association Annual Meeting – 2015.
- Winner, best student poster presentation

## Media

Invited live radio interview: Is sitting at work as bad as smoking? The Matt Patrick show, KTRH radio. 4/26/14. Discussion of research suggesting that prolonged sitting at work can over the long term be as detrimental to one's health as smoking.

Invited recorded radio interview: Latest research suggests standing at work is not all it's hyped up to be. With Dale Forbis. AM 740 KTRH radio. Aired 3/23/15.

## Grants/Funding

### Funded:

- Interactive Digital Technology to Enhance Student Engagement and Learning in Anatomical and Clinical-Evaluation Based Courses. College of Liberal Arts and Social Sciences - Curriculum Development Grant \$999.74; March 2019
- Using Evidence Based Practice in Anatomical Basis of Athletic Injury. Alternative Textbook Incentive Program \$1,000; May 2019
- Vineyard, A; Poe, R; Knoblauch, M. Perceptions of the ability of various healthcare professions to perform specific practice domains. Southwest Athletic Trainer's Association student grant award 2016; Awarded amount: \$500
- National Strength and Conditioning Association: Competitive Doctoral Graduate Research Grant; Awarded amount: \$9,795; June 2009
- College of Education Competitive Graduate Student Research Award: \$500; May 2007
- College of Education Competitive Graduate Student Research Award: \$350; April 2008

### Non-funded:

- *Mobile Anatomy Technology in Master of Athletic Training Program*. Technology Innovation Program. \$9,948.63; July 2019
- National Athletic Trainers' Association General Grants Program. (Requested \$41,763); Submitted October 2014
  - Project: Oral cavity temperature measurement as a predictor of rectal temperature using handheld infrared thermometers

- NIH: Ruth Kirchstein *F32* National Research Service Award (NRSA) for Individual Postdoctoral Fellows (Requested: \$101,400); Submitted April 2012
  - Project: Impaired calcium signaling as a mechanism for statin-induced myopathy

## **Professional Service:**

### Journal Editorial Board:

- Athletic Training Education Journal – 2018 - 2020
- Sports Medicine and Rehabilitation Journal, 2016 - 2020
- Journal of Sports Research, 2016 - 2022

### Invited Journal/Book/Programming Reviewer:

- Athletic Training Educator's Journal – 2019, 2020
- PLOS ONE – 2018
- 2019 Athletic Training Educator's Conference Programmatic Reviewer – 2017
- Introduction to Exercise Science, 3<sup>rd</sup> Edition. American College of Sports Medicine - 2017
- 2017 Athletic Training Educator's Conference Programmatic Reviewer – 2016
- Oxidative Medicine and Cellular Longevity – 2015
- Journal of Exercise, Sports & Orthopedics – 2014
- Journal of Sports Research – 2014
- Journal of Neurosciences in Rural Practice—2014
- Journal of Novel Physiotherapy and Physical Rehabilitation – 2014
- Journal of Applied Physiology, Nutrition, and Metabolism - 2014
- ACSM's Introduction to Exercise Science; Lippincott, Williams and Wilkins—2008
- Journal of Athletic Training; 2007
- Athletic Training Case Studies; Lippincott, Williams, and Wilkins—2005
- NATA BOC Exam Preparation Book; Lippincott, Williams and Wilkins—2005
- A Professional Guide to Preventing Heart and Other Chronic Disease; LWW—2005

## **Professional/University Involvement:**

- Houston Marathon Committee – 2025 - current
- National Athletic Trainers' Association Cannabis Task Force – 2021
- Faculty Senate - Coalition on Intercollegiate Athletics representative (elected position): 2021 – current
- UH Athletics Advisory Committee: 2021-current
- University of Houston Faculty Senate (elected position): 2020 - current
- University of Houston Health Professions Advisory Committee: 2019 - 2020
- Southwest Athletic Trainers' Association Work/Life Balance Committee: 2020 - current
- Athletic Training Educator's Journal (ATEJ) Award Committee member: 2019 - 2020
- 2019 NATA Convention proposal reviewer – special topics, 2018

- University of Houston Master of Athletic Training program Faculty Search: Chair, 2017
- National Athletic Trainer's Association 2017 Symposium Volunteer (registration, speakers)
- Commission on Accreditation of Athletic Training Education Site Visitor, 2017
- National Athletic Trainer's Association Student Writing Contest Committee, 2017
  - Chair: 2018 - current
- SWATA Free Communication and Research Committee, 2016 – 2020
  - Chair: 2017 - 2020
- Dietetics internship applicant review committee: 2016, 2017
- Professional Master's Degree Committee: 2015-current
  - Chair: 2023 - current
- College of Liberal Arts and Sciences Graduate Committee: 2015-16
- Health and Human Performance Motor Behavior Position 1 Search : 2015
- Health and Human Performance Motor Behavior Position 2 Search: 2015
- Health and Human Performance Scholarship Committee, 2014-15
- College of Liberal Arts and Sciences Education Committee, 2014-15
- Southwest Athletic Trainer's Association (SWATA) Scholarship Committee, 2012 - 2016
- SWATA Competency Workshop – Test Question Editor Subcommittee member, 2014 – 2017
- SWATA Competency Workshop – Quiz Bowl subcommittee question editor, 2014 – 2017
- Texas Advisory Board of Athletic Trainers, Practical Examination Room Proctor, 2000-04, 2006-2011
- Texas Advisory Board of Athletic Trainers, Practical Examination Model, 2000
- National Athletic Trainer's Association Annual Symposium Convention Volunteer, Registration Desk; 2002
- NATA Written Examination Proctor, 2006

## **Non-Professional Elected Positions**

- Secretary/Parliamentarian, Westbury Civic Club; 2014-15

## **Personal/Interests:**

- 2017, 2018 Ironman Texas Finisher
- FAA Licensed Private Pilot
- NAUI Certified as Advanced Open Water, Nitrox, and Rescue scuba diver
- Endurance running, Triathlon, Softball, Racquetball
- Youth softball (6U-8U) Coach 2019 - 2021
  - Selected as 2019 6U all-star coach, 2021 assistant coach

## **References**

Available upon request