

# MICHELLE A. CLEARY PHD, ATC

## CURRICULUM VITAE

Masters of Medical Science in Physician Assistant Studies  
Crean College of Health and Behavioral Science  
Rinker Health Science Campus, Chapman University  
Irvine, CA 92618

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Email: [cleary@chapman.edu](mailto:cleary@chapman.edu)

Faculty Profile: [Michelle Cleary](#)

## EDUCATION

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<b>PhD, Temple University, Philadelphia, PA</b>	<b>2001</b>
Major Area: Kinesiology, Concentration in Athletic Training/Sports Medicine	
Cognate Area: Gross Anatomy, Environmental Exercise Physiology	
<b>MEd, Temple University, Philadelphia, PA</b>	<b>1994</b>
Major Area: Athletic Training/Sports Medicine	
NATA Approved Post-Professional Athletic Training Education Program	
<b>BS, University of New Mexico, Albuquerque, NM</b>	<b>1992</b>
Major Area: Athletic Training	
NATA Accredited Athletic Training Education Program	

## Professional Certifications

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National Athletic Trainers' Association (NATA) Board of Certification, Athletic Trainer,  
Certified (ATC), BOC #029302428, Certified: 02/21/93

National Provider Identification (NPI) #: 1093734527

American Heart Association- Instructor for Basic Life Support (BLS) for Health Care  
Providers. Certified

American Heart Association- Basic Life Support (BLS) for Health Care Providers. Certified  
Formaldehyde and Laboratory Safety Training

CITI Collaborative Institutional Training Initiative Biomedical Research

NIH Protection of Human Subjects Training for IRB Chair and Member

Certified Strength and Conditioning Specialist (CSCS) - National Strength and Conditioning  
Association (NSCA), CSCS #201175520

Health Information Privacy and Security Training

Occupational Health and Safety Administration, Blood Borne Pathogens Training

Florida Department of Health Licensed Athletic Trainer (LAT) #AL1650

Perivascular Nursing Association, Phlebotomy Venipuncture Training

US Department of Transportation Emergency Medical Technician Basic

## ACADEMIC APPOINTMENTS

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**Associate Professor with Tenure** **08/19 – Present**

**Masters of Medical Science in Physician Assistant Studies**

**Crean College of Health and Behavioral Science (CCHBS)**

**Chapman University, Irvine, CA**

This position reports to the Chair of the PAS Department with primary research, teaching, and service responsibilities.

- Primary research agenda: Publishing textbooks on *Acute & Emergency Care* as well as *Clinical Pharmacology in Athletic Training*. Top publisher in the sports medicine field, Human Kinetics, conducts peer-review, makes medical edits, the markets and distributes these textbooks required by AT programs nation-wide. These books have been adopted by more than 50 academic programs in the US.

- Primary teaching assignment: Human Anatomy and Gross Anatomy (cadaver) Lab for entire cohort of 50 PA students. Also responsible for developing and implementing Research Methods and Design, Evidence-Based Practice, and mentoring students in their Clinical Research Projects.
- Service requirements: Attending weekly PAS faculty meetings, contributing to assessment activities, participating in admissions interviews and screening, supporting accreditation process.

**Associate Dean for Graduate Programs  
Crean College of Health and Behavioral Science  
Chapman University, Orange, CA**

**05/15 – 05/18**

This position reported to the Dean and included oversight of Graduate Health Science programs, faculty technology resources, graduate student grants, graduate student research conference, and interprofessional education (IPE). Coordinated with Program Directors from AT, DPT, CSD, and PA professional programs. Accomplishments included:

- Instituting the inaugural Rinker Health Science Research Day by meeting regularly with College research faculty and staff to plan the annual event.
- Developing, implementing, and serving as instructor of record for the three course interprofessional education sequence (IPE 501, 502, 503) in collaboration with faculty and staff from Pharmacy, Athletic Training, Physical Therapy, Communication Sciences and Disorders, and Physician Assistant programs.
- Chairing and coordinating the IPE Committee including 12-15 faculty across units.
- Successfully developing and establishing three interprofessional education events (Fall, Spring, and Summer) for 240 health professions graduate students and 40 facilitators. Met bi-weekly with faculty to plan the events.
- Budget oversight for all IPE activities including faculty travel, honoraria, and equipment purchases
- Coordinating with the Vice-Provost for Graduate Studies to review and disperse graduate student research and travel grants
- Coordinating with Information Systems & Technology for faculty technology resources and computer refresh program

**Associate Professor and Research Coordinator  
Masters of Science in Athletic Training  
Chapman University, Orange, CA**

**08/12-08/19**

This position reported to the Program Director of the MS.AT graduate program and was responsible for teaching, mentoring, and advising all cohorts' research and scholarship. Accomplishments included:

- Developing, implementing, and teaching the Evidence-Based Practice (EBP) curriculum
- Maintaining compliance with CAATE accreditation for all EBP Educational Standards
- Organizing and coordinating student research at most clinical sites
- Obtaining IRB approval for all student research projects
- Securing grant funding for Clinical Outcomes Research projects with community clinical sites
- Mentoring Capstone research projects providing an individualized faculty-mentored research experience.
- Increasing the visibility and reputation of the AT program by presenting student research at professional conferences.

**Program Director and Clinical Coordinator-  
Masters of Science in Athletic Training  
University of Hawai'i, Manoa, HI**

**08/07 – 05/12**

Responsible for the daily operation of the Professional MS in Athletic Training program at University of Hawaii, Manoa (Flagship campus – Doctoral University with Highest Research Activity and a medical school). Responsibilities included:

- Developing and cultivating community clinical sites, writing accreditation annual reports, and submitting an accreditation self-study.
- Graduates had a 100% first-time passing rate on board exams (nation-wide first-time passing rate at the time was 40%)
- Submitting CAATE self-study (2009) and receiving the maximum 10 years of continued accreditation.
- Successfully meeting BOC exam requirements for 95% of students
- Facilitating concussion legislation in the State congress

**Program Director Graduate Post-Professional Sports Medicine  
Assistant Professor and Graduate Faculty Member  
Florida International University, Miami, FL**

**08/01 – 08/07**

This position reported to the Chair of the Department of Health, Physical Education, & Recreation and was responsible for:

- Developing a new degree program including course proposals, syllabi creation, and implementing new program.
- Attracting graduate students from universities nation-wide
- Securing almost \$1,000,000 in contracts to support 15 graduate assistant clinicians.
- Numerous student-faculty research presentations and publications.
- Students receiving NATA Outstanding Research Awards
- Publishing articles with student researchers in top-tier journals
- Several students graduating with PhDs and are now AT faculty.

**Teaching and Research Assistant  
Temple University, Philadelphia, PA**

**08/92 – 05/00**

Department of Kinesiology and School of Medicine

This position reported to the Chair of the Department of Kinesiology and the Temple University School of Medicine and was responsible for:

- Independently delivering lecture content to 400+ undergraduate students per semester.
- Sole teaching responsibility for anatomy and physiology labs
- Teaching gross anatomy lab with cadaver dissection to Physical Therapy and Medical students
- Delivering physiology lab content using fetal pig dissection for undergraduate health science students

**Clinical Instruction**

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University of Hawaii, Honolulu, HI Clinical Coordinator, On- and off-campus clinical site supervision	08/07 – 05/12
St. Joseph's University, Philadelphia, PA Clinical Instructor, Athletic Training	08/94 – 05/96
Northeastern University, Boston, MA Cooperative Supervisor, Athletic Training	08/94 – 05/96
Temple University, Philadelphia, PA Clinical Instructor, Athletic Training	08/92 – 05/96

## **Professional Clinical Experience**

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University of Hawaii, Honolulu, HI Department of Intercollegiate Athletics Hydration Testing Consultant	08/07 – 05/12
State of Hawaii Department of Education Technical Advisor and Wrestling Weight Management program consultant	08/07 – 05/12
Palm Beach Punishers, Palm Beach, FL Head Athletic Trainer, Professional Women's (Tackle) Football League	05/07 – 07/07
School Board of Broward County, Ft. Lauderdale, FL Sports Medicine Consultant	08/03 – 07/07
Florida International University, Miami, FL Affiliated Athletic Trainer and Approved Clinical Instructor	08/01 – 07/07
Johnson & Johnson, Inc., Albuquerque, NM Assistant Director, Medical Unit	06/00 – 01/01
St. Joseph's University, Philadelphia, PA Assistant Athletic Trainer and Clinical Instructor	08/98 – 05/00
Chester High School, Chester, PA Head Athletic Trainer and Clinical Instructor	08/95 – 05/98
Eastern Field Hockey Association, Pottstown, PA Sports Medicine Director, Medical Staff	06/94 and 06/95
Temple Sports Medicine Clinic, Philadelphia, PA Certified Athletic Trainer	01/94 – 05/94
Intercontinental Cup, Villanova, PA Medical Staff Certified Athletic Trainer	06/93
Springfield High School, Erdenheim, PA Head Athletic Trainer and Clinical Instructor	08/93 – 05/95
University of New Mexico, Albuquerque, NM Athletic Training Intern	07/88 – 05/92

## **HONORS AND AWARDS**

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- 2021 NATA Fellow nomination—the prestigious designation for the most accomplished scholars in the athletic training profession who earn this honor and distinction having demonstrated outstanding professional scholarly achievement in combination with service to the profession.
- 2019 Chapman University Sabbatical (1-semester) to write second textbook and refresh to teach Human Cadaver Anatomy to PA students.
- 2019 NATA Most Distinguished Athletic Trainer (MDAT) award. National award nominated and selected by peers. Honored at national conference.
- 2015 State Service Award. California Athletic Trainers' Association
- 2015 Personal Education Plan for Graduate Teaching and Research Mentoring in Clinical Decision-Making in Athletic Training. Chapman University Faculty Research and Development Council. Funded \$3,668.
- 2014 Faculty Excellence in Scholarly and Creative Activity Award. Awarded \$500 from Chapman University Faculty Research and Development Council.
- 2014 Personal Education Plan for Graduate Teaching and Research Mentoring in Clinical Decision-Making in Athletic Training. Chapman University Faculty Research and Development Council. Funded \$2,509.
- 2013 NATA District 8 Outstanding Research Presentation Award, 1st Runner-Up for Cleary MA, Nottingham SL, Kasamatsu TM, Bennett JP: *Views and practices of athletic trainers on NATA standards of care before and after a continuing medical education workshop*. Poster presented at the Far West Athletic Trainers' Association Conference. April 2013; Sacramento, CA. Awarded \$150 (donated to the Chapman AT Student Society).

- 2009 Doctoral Research Faculty, University of Hawaii Graduate Division  
Professional Honor: Recognized by peers for mentoring graduate student research.
- 2009 Graduate Research Faculty, University of Hawaii Graduate Division  
Professional Honor: Recognized by peers for research publications, presentations, and for successful graduate-level teaching.
- 2008 Service Award. NATA Research and Education Foundation.
- 2006 Graduate Mentorship Award (Nomination), FIU College of Education  
Professional Honor: Nominated by peers for service to the College
- 2006 Builder Award, FIU College of Education  
Professional Honor and Award: Recognized by peers for service to the College.  
Awarded gift and \$750.00 for faculty development.
- 2005– 2007 Dissertation Advisor Status, FIU University Graduate School  
Professional Honor: Recognized by peers for mentoring student research projects.
- 2004– 2007 Graduate Research Faculty, FIU University Graduate School  
Professional Honor: Recognized by peers for research publications, presentations, and for successful graduate-level teaching.
- 2004– 2007 Affiliated Research Faculty, FIU University Graduate School  
Professional Honor: Approved to mentor and supervise doctoral student research in the FIU Department of Curriculum and Instruction.
- 1997– 1999 Graduate Assistantship, Temple University, Philadelphia, PA  
Honor and Award: Instructor and Research Assistant for Department of Kinesiology.  
Awarded full out-of-state tuition waiver and stipend, approximately \$46,000 total.
- 1997 –1998 Graduate Council, Temple University, Philadelphia, PA
- 1998 College of Education: HPER Graduate Student Representative.  
Honor: Selected by faculty to represent department in annual appointment.
- 1992-1997 Graduate Assistantship, Temple University, Philadelphia, PA  
Honor and Award: Outreach Certified Athletic Trainer for Graduate Athletic Training/Sports Medicine Program.  
Awarded full out-of-state tuition waiver and stipend, approximately \$105,000 total.
- 1991 and 1992 Outstanding Student Athletic Trainer  
New Mexico Athletic Trainers' Association  
Honor and Award: Selected twice for \$100.00 annual award.
- 1990-1991 Vice President, University of New Mexico, Albuquerque, NM  
Student Athletic Trainer Association  
Honor and Award: Elected by peers to serve student association.
- 1988-1992 Athletic Training Scholarship, University of New Mexico Albuquerque, NM  
Honor and Award: Selected four times for annual award.  
Awarded full tuition waiver and book award. Approximately \$8,000 total.

## RESEARCH AND SCHOLARSHIP

### Textbooks

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**Cleary MA**, Abdenour TA, Pavlovich M. [Clinical Pharmacology in Athletic Training](#). Human Kinetics, Champaign, IL: Inc.; 2021. Peer-reviewed textbook published by foremost publishing company in the sports medicine field. Primary author of chapters listed below.

**Cleary MA**, Flanagan KW. [Acute and Emergency Care in Athletic Training](#). Human Kinetics, Champaign, IL: Inc.; 2019. Peer-reviewed textbook published by foremost publishing company in the sports medicine field. Primary author of chapters listed below.

### Book Chapters

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Abdenour TE, **Cleary MA**. Chapter 22: Medications of surgery. In: **Cleary MA**, Abdenour TE, Pavlovich M. *Clinical Pharmacology in Athletic Training*. Champaign, IL: Human Kinetics; 2021.

Abdenour TE, **Cleary MA**. Chapter 21: Drug Testing in Sports. In: **Cleary MA**, Abdenour TE, Pavlovich M. *Clinical Pharmacology in Athletic Training*. Champaign, IL: Human Kinetics; 2021.

**Cleary MA**. Chapter 20: Cannabis and cannabinoids. In: **Cleary MA**, Abdenour TE, Pavlovich M. *Clinical Pharmacology in Athletic Training*. Champaign, IL: Human Kinetics; 2021.

Abdenour TE, **Cleary MA**. Chapter 19: Performance-enhancing drugs and supplements. In: **Cleary MA**, Abdenour TE, Pavlovich M. *Clinical Pharmacology in Athletic Training*. Champaign, IL: Human Kinetics; 2021.

**Cleary MA**. Chapter 18: Drugs for treating mental health conditions and substance-use disorders. In: **Cleary MA**, Abdenour TE, Pavlovich M. *Clinical Pharmacology in Athletic Training*. Champaign, IL: Human Kinetics; 2021.

**Cleary MA**. Chapter 17: Drugs for Treating Reproductive and Urogenital Concerns. In: **Cleary MA**, Abdenour TE, Pavlovich M. *Clinical Pharmacology in Athletic Training*. Champaign, IL: Human Kinetics; 2021.

**Cleary MA**. Chapter 16: Drugs for treating dermatological conditions. In: **Cleary MA**, Abdenour TE, Pavlovich M. *Clinical Pharmacology in Athletic Training*. Champaign, IL: Human Kinetics; 2021.

**Cleary MA**. Chapter 15: Drugs for treating musculoskeletal and neurological conditions. In: **Cleary MA**, Abdenour TE, Pavlovich M. *Clinical Pharmacology in Athletic Training*. Champaign, IL: Human Kinetics; 2021.

**Cleary MA**. Chapter 14: Drugs for treating gastrointestinal conditions. In: **Cleary MA**, Abdenour TE, Pavlovich M. *Clinical Pharmacology in Athletic Training*. Champaign, IL: Human Kinetics; 2021.

**Cleary MA**. Chapter 13: Drugs for treating diabetes and disorders of glucose metabolism. In: **Cleary MA**, Abdenour TE, Pavlovich M. *Clinical Pharmacology in Athletic Training*. Champaign, IL: Human Kinetics; 2021.

**Cleary MA**. Chapter 12: Drugs for treating cardiovascular conditions. In: **Cleary MA**, Abdenour TE, Pavlovich M. *Clinical Pharmacology in Athletic Training*. Champaign, IL: Human Kinetics; 2021.

**Cleary MA**. Chapter 11: Drugs for treating asthma and other respiratory conditions. In: **Cleary MA**, Abdenour TE, Pavlovich M. *Clinical Pharmacology in Athletic Training*. Champaign, IL: Human Kinetics; 2021.

**Cleary MA**. Chapter 10: Drugs for treating infection-- antibiotics and other antimicrobials. In: **Cleary MA**, Abdenour TE, Pavlovich M. *Clinical Pharmacology in Athletic Training*. Champaign, IL: Human Kinetics; 2021.

**Cleary MA**. Chapter 9: Drugs for treating inflammation-- steroidal and non-steroidal anti-inflammatories. In: **Cleary MA**, Abdenour TE, Pavlovich M. *Clinical Pharmacology in Athletic Training*. Champaign, IL: Human Kinetics; 2021.

**Cleary MA**. Chapter 8: Drugs for Treating Pain-- Opioids. In: **Cleary MA**, Abdenour TE, Pavlovich M. *Clinical Pharmacology in Athletic Training*. Champaign, IL: Human Kinetics; 2021.

- Cleary MA.** Chapter 7: Drugs for treating pain-- non-opioid analgesics and anesthetics. In: **Cleary MA, Abdenour TE, Pavlovich M.** *Clinical Pharmacology in Athletic Training*. Champaign, IL: Human Kinetics; 2021.
- Cleary MA.** Chapter 6: Drug delivery, dosage, and safety. In: **Cleary MA, Abdenour TE, Pavlovich M.** *Clinical Pharmacology in Athletic Training*. Champaign, IL: Human Kinetics; 2021.
- Cleary MA.** Chapter 5: Pharmacodynamics. In: **Cleary MA, Abdenour TE, Pavlovich M.** *Clinical Pharmacology in Athletic Training*. Champaign, IL: Human Kinetics; 2021.
- Cleary MA.** Chapter 4: Pharmacokinetics. In: **Cleary MA, Abdenour TE, Pavlovich M.** *Clinical Pharmacology in Athletic Training*. Champaign, IL: Human Kinetics; 2021.
- Cleary MA.** Chapter 3: Drug names, classification, and safety. In: **Cleary MA, Abdenour TE, Pavlovich M.** *Clinical Pharmacology in Athletic Training*. Champaign, IL: Human Kinetics; 2021.
- Cleary MA.** Chapter 2: Administering medications in the athletic training setting. In: **Cleary MA, Abdenour TE, Pavlovich M., ed.** *Clinical Pharmacology in Athletic Training*. Champaign, IL: Human Kinetics; 2021.
- Cleary MA.** Chapter 1: Legal aspects of therapeutic medication management. In: **Cleary MA, Abdenour TE, Pavlovich M.** *Clinical Pharmacology in Athletic Training*. Champaign, IL: Human Kinetics; 2021.
- Cleary MA.** Chapter 14: Exertional sickling and rhabdomyolysis. In **Cleary MA, Flanagan KW.** *Acute and Emergency Care in Athletic Training*. Human Kinetics, Champaign, IL: Inc. 2019.
- Cleary MA.** Chapter 11: Cardiac conditions. In **Cleary MA, Flanagan KW.** *Acute and Emergency Care in Athletic Training*. Human Kinetics, Champaign, IL: Inc.
- Cleary MA.** Chapter 6: Bleeding, shock, and immunologic emergencies. In **Cleary MA, Flanagan KW.** *Acute and Emergency Care in Athletic Training*. Human Kinetics, Champaign, IL: Inc. 2019.
- Cleary MA.** Chapter 4: The Emergency Examination. In **Cleary MA, Flanagan KW.** *Acute and Emergency Care in Athletic Training*. Human Kinetics, Champaign, IL: Inc. 2019.
- Cleary MA.** Chapter 3: Planning for Emergencies. In **Cleary MA, Flanagan KW.** *Acute and Emergency Care in Athletic Training*. Human Kinetics, Champaign, IL: Inc. 2019
- Cleary MA.** Chapter 2: Prevention strategies. In **Cleary MA, Flanagan KW.** *Acute and Emergency Care in Athletic Training*. Human Kinetics, Champaign, IL: Inc. 2019.
- Cleary MA.** Chapter 1: Interprofessional health care. In **Cleary MA, Flanagan KW.** *Acute and Emergency Care in Athletic Training*. Human Kinetics, Champaign, IL: Inc.; 2019.
- Cleary MA.** Management of environmental emergencies. In Miller M, Berry J. (Eds). *Emergency Response Management for Athletic Trainers 2<sup>nd</sup> Ed.* Philadelphia, PA: Wolters Kluwer/Lippincott Williams & Wilkins, Inc; 2015:405-432.
- Cleary MA.** What are the most practical, valid measures of hydration status in athletes? In Lopez RM (Ed). *Quick Questions in Heat-Related Illness and Hydration: Expert Advice in Sports Medicine*. Thorofare, NJ: Slack, Inc; 2014.
- Cleary MA.** What are the latest guidelines for becoming heat acclimatized and better prepared when exercising in a warm environment? In Lopez RM (Ed). *Quick Questions in Heat-Related Illness and Hydration: Expert Advice in Sports Medicine*. Thorofare, NJ: Slack, Inc; 2014.
- Cleary MA.** Impact of protective equipment on heat tolerance. In Lopez RM (Ed). *Quick Questions in Heat-Related Illness and Hydration: Expert Advice in Sports Medicine*. Thorofare, NJ: Slack, Inc; 2014.
- Cleary MA.** Management of environmental emergencies. In Miller M, Berry J. (Eds). *Emergency Response Management for Athletic Trainers*. Philadelphia, PA: Wolters Kluwer/Lippincott Williams & Wilkins, Inc; 2010:405-432.

### **National Position Statements**

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- Casa DJ, Csillan D, .... **Cleary MA.** et al., Inter-Association Task Force on Acclimatization during Pre-Season Practices: Pre-season heat-acclimatization guidelines for secondary school athletics. *Journal of Athletic Training.* 2009;44(3):332–333.
- Casa DJ, Almquist J, Anderson S, **Cleary MA.** et al. Inter-Association Task Force on Exertional Heat Illness consensus statement. *NATA News.* 2003; 6: 24-29.
- Casa DJ, Almquist J, Anderson S, **Cleary MA.** et al. *Parents and coaches' guide to dehydration and other heat illnesses in children.* Published: 2003 at: <http://www.nata.org/public-information/files/parentandcoachesguide.pdf>. Accessed December 6, 2010.
- Casa DJ, Almquist J, Anderson S, **Cleary MA.** et al. *Parents and coaches' guide to dehydration and other heat illnesses in children, Spanish Version.* Published: 2003 at: <http://www.nata.org/public-information/files/parentandcoachesguide.pdf>. Accessed December 6, 2010.

### **Journal Publications, Peer-Reviewed/Refereed**

\*Indicates collaborations with student researchers, †Indicates collaborations with clinical practitioners

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- Cleary MA.** Creatine kinase, exertional rhabdomyolysis, and exercise-associated hyponatremia in ultra-endurance athletes: A critically appraised paper. *International Journal of Athletic Therapy and Training.* 2016; 21 (6): 13-15.
- Todd RM, **Cleary MA,** Griffith SJ. Rhabdomyolysis in a female Caucasian adolescent distance runner: a case report. *International Journal of Athletic Therapy and Training.* 2016; 21(6): 26-32.
- Cleary MA,** Nottingham SL, Kasamatsu TM,\* Bennett JP. Using a continuing education workshop to facilitate implementation of evidence-based practices for recognition and treatment of exertional heat stroke in secondary school athletic trainers. *Athletic Training and Sports Health Care.* 2016;8(3):100-111.
- Kasamatsu TM,\* **Cleary MA,** Bennett JP, Howard K, Valovich McLeod T. Examining academic support after concussion for the adolescent student-athlete: Perspectives of the athletic trainer. *Journal of Athletic Training.* 2016; 51(2): 153-161.
- Kasamatsu TM,\* **Cleary MA,** Bennett JP, Howard K, Valovich McLeod T. Investigating existence and comprehensiveness of athletic trainers' concussion management policies. *Athletic Training and Sports Health Care.* 2016;8(3):112-120.
- Nottingham SL, **Cleary MA,** Bennett JP. Beyond the basics: providing continuing education workshops for preceptors. *International Journal of Allied Health Science and Practice.* 2015;13(4).
- Cleary MA,** Toy MG,\* Lopez RM. Thermoregulatory, cardiovascular, and perceptual responses to intermittent cooling during exercise in a hot, humid outdoor environment. *Journal of Strength and Conditioning Research.* 2014;28(3):792-806.
- Lopez RM,\* **Cleary MA,** Eberman LE.\* Superficial cooling does not decrease core body temperature before, during, or after exercise in an American football uniform. *Journal of Strength and Conditioning Research.* 2012;26(12):3432–3440.
- Cleary MA,** Hetzler RK, Gard D,\* Kimura IF, Stickley CD. Hydration behaviors before and after an educational and prescribed hydration intervention in adolescent athletes. *Journal of Athletic Training.* 2012;47(3): 273-281.
- Cleary MA,** Sadowski KA,\* Lee S,† Miller G.† Exertional rhabdomyolysis in an adolescent athlete during preseason conditioning: a perfect storm. *Journal of Strength and Conditioning Research.* 2011;25(12): 3506–3513.
- Cleary MA,** Hetzler RK, Wages JJ,\* Lentz MA,\* Stickley CD, Kimura IF. Comparison of age-predicted heart rate equations in college-aged subjects. *Journal of Strength and Conditioning*



- Research*. 2011;25(9):2591-2597.
- Eberman LE,\* **Cleary MA**. Development of a heat-illness screening Instrument using the Delphi Panel Technique. *Journal of Athletic Training*. 2011;46(2):176–184.
- Eberman LE,\* Minton DM,\* **Cleary MA**. Comparison of refractometry, urine color, and urine reagent strips to urine osmolality for measurement of urinary concentration. *Athletic Training and Sports Health Care*. 2009;1(6):267-271.
- Eberman LE,\* **Cleary MA**. Pre-participation physical exam to identify at-risk athletes for exertional heat illness. *Athletic Therapy Today*. 2009;14(4):4-7.
- Jones LC,\* **Cleary MA**, Zuri RE,\* Lopez RM.\* Active dehydration impairs upper and lower body anaerobic muscular power. *Journal of Strength and Conditioning Research*. 2008;22(2):455–463.
- Lopez RM,\* **Cleary MA**, Jones LC,\* Zuri RE.\* Thermoregulatory influence of a cooling vest on hyperthermic athletes. *Journal of Athletic Training*. 2008;43(1):55-61.
- Cleary MA**, Ruiz D,\* Eberman LE,\* Binkley HM, Mitchell ID.\* Dehydration, cramping, and exertional rhabdomyolysis: A case report with suggestions for recovery. *Journal of Sports Rehabilitation*. 2007;16(3):244-259.
- Cleary MA**. Predisposing risk factors on susceptibility to exertional heat illness: Clinical decision-making considerations. *Journal of Sports Rehabilitation*. 2007;16(3):204-214.
- Streit-Perez T,\* Hibbler DK, **Cleary MA**, & Eberman LE.\* Women in athletic training: Gender equity in the profession. *Athletic Therapy Today*. 2006;11(2):66-69.
- Cleary MA**, Sitler MR, Kendrick ZV. Dehydration and symptoms of delayed-onset muscle soreness in normothermic men. *Journal of Athletic Training*. 2006;41(1):36-45.
- Cleary MA**, Sweeney LA,\* Sitler MR, Kendrick ZV. Dehydration and symptoms of delayed onset muscle soreness in hyperthermic males. *Journal of Athletic Training*. 2005;40(4):288-297.
- Eberman LE,\* **Cleary MA**. Celiac disease in a female collegiate volleyball player: A case report. *Journal of Athletic Training*. 2005;40:360-364.
- Cleary MA**, Casa DJ. Exertional hyponatremia: Considerations for the athletic trainer. Featured Article. *Athletic Therapy Today*. 2005;10(4):61-66.
- Cleary MA**, Eberman LE.\* Celiac disease and athletes. *Athletic Therapy Today*. 2004;9(6):46-47.
- Cleary MA**. Sickle cell trait and exertional rhabdomyolysis. *Athletic Therapy Today*. 2003;8(2):56-57.
- Cleary MA**, Kimura IF, Sitler MR, & Kendrick ZV. Temporal pattern of the repeated bout effect of eccentric exercise on delayed onset muscle soreness. *Journal of Athletic Training*. 2002;37(1):32-36.

### **Peer-Reviewed National Accreditation Reports**

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- Bennett JP, Nottingham SL, Kugler K, **Cleary MA**. 2017 CAATE Self-Study for Masters of Science in Athletic Training, Crean College of Health and Behavioral Sciences, Chapman University
- Bennett JP, Nottingham SL, **Cleary MA**. 2013 CAATE Substantive Change for Masters of Science in Athletic Training, Crean College of Health and Behavioral Sciences, Chapman University
- Cleary MA**. Entry-Level Graduate Athletic Training Education, 2010 Site Visit Rejoinder for continued National Accreditation by the Commission on Accreditation of Athletic Training Education (CAATE). College of Education, University of Hawaii at Manoa.
- Cleary MA**. Entry-Level Graduate Athletic Training Education, 2009 Program Review for Continued CAATE Accreditation. College of Education, University of Hawaii at Manoa.
- Cleary MA**. CAATE Annual Report AY 2007-2008. Entry-Level Graduate Athletic Training Education, College of Education, University of Hawaii at Manoa.
- Doherty-Restrepo J, **Cleary MA**, Tripp BL. Entry-Level Graduate Athletic Training Education, 2007 Program Review for continued National Accreditation by the Commission on Accreditation of Athletic Training Education (CAATE). College of Education, Florida International University.

### **Non-Refereed Publications**

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**Cleary MA.** *Exertional heat illness*: Book review. *NATA News*, 2003; 11, 56-57.

Casa DJ, Almquist J, Anderson S, **Cleary MA.** et al. *Parents and coaches' guide to dehydration and other heat illnesses in children*. Published: 2003 at: <http://www.nata.org/public-information/files/parentandcoachesguide.pdf>. Accessed December 6, 2010.

Casa DJ, Almquist J, Anderson S, **Cleary MA.** et al. *Parents and coaches' guide to dehydration and other heat illnesses in children, Spanish Version*. Dallas, TX: 2003 National Athletic Trainers' Association publication. Released on the *National Athletic Trainers' Association Home Page*.

### **Media Interviews/ Expert Witness**

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Roberts C. How to Stay Safe in the Heat. *Consumer Reports*, July 2017. Provided interview and cited as expert in heat and hydration.

Amin Talati Upadhye LLP. Law firm that provides legal services to the FDA-regulated industry. Interviewed for an expert opinion concerning hydration in relation to a bottled water product. July 2017

Horowitz DB. Requested as expert witness on case of acute rhabdomyolysis after spinning. May 2017

**Cleary MA.** *Expert Witness Testimony State of Hawaii SB1129, relating to licensure of Athletic Trainers*. 2009 Senate Committee on Consumer and Public Protection, State Capitol, Honolulu, HI.

**Cleary MA, & Lewis, D.** *The School Board of Broward County Sports Medicine Program equipment survey report*. 2004 Presented to the School Board of Broward County Director of Student Services, Ft. Lauderdale, FL.

### **Peer-Reviewed/Refereed Research Presentations, National/International**

\*Indicates collaborations with student researchers.

†Indicates nomination/winner of the NATA Outstanding Research Award

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Kennedy M, DeSalvio G, Nguyen V, **Cleary MA:** *What college students with concussion say about returning-to-learn*. Peer-review track poster presentation. ASHA Convention; November 2017; Los Angeles, CA.

**Cleary MA:** *Fatalities associated with exertional rhabdomyolysis and sickle cell trait: a review of 99 fatal cases*. Peer-review track oral research presentation. NATA Annual Clinical Symposium; June 2015; St. Louis, MO.

Kasamatsu TM\*, **Cleary MA**, Bennett JP, Howard KE, Valovich McLeod TC: *Athletic trainers' return-to-learn and academic support recommendations following adolescent concussion*. Peer-review track oral research presentation. NATA Annual Clinical Symposium; June 2015; St. Louis, MO.

Kasamatsu TM, **Cleary MA**, Bonilla DJ. *Systematic review of smartphone accelerometer reliability and validity: practical applications for measuring concussion related balance deficits*. Peer-review track oral research presentation at the NATA Annual Clinical Symposium; June 2014; Indianapolis, IN.

Bergens BL-F, Kasamatsu TM, **Cleary MA.** *Concussion management protocols in the military and the role of the athletic trainer: A systematic review*. Peer-review track oral research presentation at the NATA Annual Clinical Symposium; June 2013; Las Vegas, NV.

Wahl TP,\* **Cleary MA**, Oshiro RS, Kocher MH,\* Furutani TM, Goeckeritz LM, Kanaoka T, Freemyer, B, Murata NM, Stickley CD, Kimura, IF. *Normative baseline values for balance error scoring system in healthy male and female high school athletes during 2010-2011*. Oral research presentation at the NATA Annual Clinical Symposium; June 2012; St. Louis, MO.

Goeckeritz LM, Wahl TP,\* **Cleary MA**, Oshiro RS, Kocher MH,\* Furutani TM, Kanaoka T, Stickley CD, Kimura IF, Murata NM. *Normative baseline values for standard assessment of concussion in healthy male and female high school athletes during 2010-2011*. Poster presentation at the

- NATA Annual Clinical Symposium; June 2012; St. Louis, MO.
- Kanaoka T, Oshiro RS, Furutani TM, Goeckeritz LM, Wahl TP,\* Kocher MH,\* **Cleary MA**, Murata NM, Uyeno RK. *Comparison of concussion management programs on return to participation outcomes of concussed high school student-athletes during 2010-2011*. Poster presentation at the NATA Annual Clinical Symposium; June 2012; St. Louis, MO.
- Hamer JL,\* **Cleary MA**, McGuire GM.\* *Perceptual responses during strength/power testing in dehydrated and rehydrated conditions in healthy, resistance-trained men*. Oral research presentation at the NATA Annual Clinical Symposium; June 2012; St. Louis, MO.
- Cleary MA**, Toy MG,\* Lopez RM. *Thermoregulatory and cardiovascular responses to intermittent, superficial cooling during exercise in the heat*. Oral research presentation at the NATA Annual Clinical Symposium; June 2011; New Orleans, LA.
- Toy MG,\* **Cleary MA**, Lopez RM. *Perceptual responses to intermittent, superficial cooling during exercise in the heat*. Poster presentation at the 2011 NATA Annual Clinical Symposium, New Orleans, LA.
- Cleary MA**, Hetzler RK, Wong BC, Okasaki EM, Nichols AW, Kimura IK. *Hydration status of NCAA Division IA football players at high- versus low-risk for exertional heat illness during pre-season practices*. Poster presented at the NATA Annual Clinical Symposium; June 2010; Philadelphia PA.
- Gard D,\* **Cleary MA**, Hetzler RK, Kimura IK, Stickley CD Wages JJ. *Hydration in acclimatized adolescent female athletes before and after an educational intervention*. Poster presented at the NATA Annual Clinical Symposium; June 2010; Philadelphia PA.
- Lentz MA,\* Hetzler RK, Stickley CD, Cleary MA, Wages JJ, Kimura IF. *Determination of power with the Hawaii anaerobic run test*. Poster presented at the NATA Annual Clinical Symposium; June 2009; San Antonio, TX.
- Cleary MA**, Hetzler RD, Wages JJ,\* Lentz MA,\* Stickley CD, Kimura IF. *Age-Predicted Heart Rate Equations: Comparisons of Equations in College-aged Subjects*. Poster presented at the American College of Sports Medicine Clinical Annual Meeting, May 2009; Seattle, WA.
- Wages JJ,\* Hetzler RK, **Cleary MA**, Lentz MA,\* Stickley CD, Kimura IF. *Non-exercise prediction of anaerobic power*. Poster presented at the American College of Sports Medicine Annual Meeting, May 2009; Seattle, WA.
- Hetzler RK, Go KCL, Stickley CD, Titchenal CA, Kimura IF, **Cleary MA**. *Comparison of the Body Gem and the Harris Benedict equation for determining resting energy expenditure*. Poster presented at the American College of Sports Medicine Annual Meeting, May 2009; Seattle, WA.
- Emerson CC,\* Eberman LE,\* Minton DM,\* **Cleary MA**. *Treatment of heat illness in collegiate American football player*. Paper presented at the American College of Sports Medicine Annual meeting, May 2007; New Orleans, LA.
- Eberman LE,\* **Cleary MA**. *Validation of the heat illness index score risk assessment*. Paper presented at the NATA Annual Clinical Symposium, June 2007; Anaheim, CA.
- Faust DA,\* Tripp BL, **Cleary MA**, Jacobs P. *The acute effects of neuromuscular-training with handheld vibration on elbow joint position sense*.<sup>†</sup> Paper presented at the 2007 NATA Annual Clinical Symposium, June 2007; Anaheim, CA.
- †Nominated for the NATA Outstanding Master's Research Award**
- Fergusson DS,\* Doherty-Restrepo JL, Odai ML, Tripp BL, **Cleary MA**. *High school experiences influence selection of athletic training as a career*. Paper presented at the 2007 National Athletic Trainers' Association Annual Clinical Symposium, Anaheim, CA.
- Minton DM,\* Eberman LE,\* Emerson CC,\* **Cleary MA**. *Comparison of common field/clinical measures to standard laboratory measures of hydration status*. Paper presented at the NATA Annual Clinical Symposium, June 2007; Anaheim, CA.
- Garvey SE,\* **Cleary MA**, Eberman LE, Stubblefield Z. *Effects of active hyperthermia on upper- and lower-extremity anaerobic muscular power*. Paper presented at the NATA Annual Clinical Symposium, June 2006; Atlanta, GA.

- Gatens DR,\* **Cleary MA**, Doherty-Restrepo JL, Morcillo A, Eberman LE. *Prevalence and effects of sexual harassment of female athletic training students in the clinical education environment: An initial investigation*. Poster presented at the NATA Annual Clinical Symposium, June 2006; Atlanta, GA.
- Lopez RM,\* Eberman LE,\* **Cleary MA**, Garvey SE.\* *Validity of inexpensive psychrometers for calculation of wet bulb globe temperature using the Heat Stress Advisor® software*. Paper presented at the NATA Annual Clinical Symposium, June 2006; Atlanta, GA.
- Ruiz D,\* **Cleary MA**, Eberman LE,\* Mitchell I.\* *Severe dehydration with cramping resulting in exercise-induced rhabdomyolysis in a high school quarterback*. Paper presented at the NATA Annual Clinical Symposium, June 2006; Atlanta, GA.
- Stubblefield Z,\* **Cleary MA**, Eberman LE,\* Garvey SE.\* *Effects of active hyperthermia on cognitive performance*. Paper presented at the NATA Annual Clinical Symposium, June 2006; Atlanta, GA.
- Eberman LE,\* **Cleary MA**, Butcher-Mokha M, McKinney J.\* *Effects of active dehydration on balance in normothermic participants*. Paper presented at the NATA Annual Clinical Symposium, June 2005; Indianapolis, IN.
- Lopez RM,\* Eberman LE,\* **Cleary MA**, LaMarche BH, Line SM. *Superficial cooling does not decrease core body temperature before, during, or after exercise in an American football uniform.*† Paper presented at the NATA Annual Clinical Symposium, June 2005; Indianapolis, IN.
- †**Winner of the NATA Outstanding Master's Research Award**
- McKinney JL,\* Eberman LE,\* **Cleary MA**, Lopez R. *Effects of dehydration on balance as measured by the balance error scoring system*. Paper presented at the NATA Annual Clinical Symposium, June 2005; Indianapolis, IN.
- Stubblefield ZS,\* **Cleary MA**, Eberman LE,\* Doherty JL. *Acute posterior ankle pain in a female recreational soccer player*. Paper presented at the 2005 NATA Annual Clinical Symposium, Indianapolis, IN.
- Teeters JC,\* **Cleary MA**, Eberman LE,\* Doherty JL. *Recurrent tibial tunnel cyst formation following ACL reconstruction and interference screw removal*. Paper presented at the 2005 NATA Annual Clinical Symposium, Indianapolis, IN.
- Eberman LE,\* **Cleary MA**, Zuri RE,\* Salvador G. *Celiac disease in a female collegiate volleyball player*. Paper presented at the 2004 NATA Annual Clinical Symposium, Baltimore, MD.
- Jones LC,\* **Cleary MA**, Lopez RM,\* Zuri RE.\* *Active dehydration impairs upper and lower body anaerobic muscular power*. Paper presented at the NATA Annual Clinical Symposium, June 2004; Baltimore, MD.
- Lopez R,\* **Cleary MA**, Zuri RE,\* Jones LC.\* *Effects of a cooling vest on core and skin temperature following a heat stress trial in healthy males*. Paper presented at the NATA Annual Clinical Symposium, June 2004; Baltimore, MD.
- Cleary MA**, Mitchell ID,\* Line SM.\* *Voluntary, chronic dehydration in adolescent American football players*. Paper presented at the NATA Annual Clinical Symposium, June 2004; Baltimore, MD.
- Zuri RE,\* **Cleary MA**, Lopez RM,\* Jones LC.\* *Effects of active dehydration on cognitive performance: A preliminary investigation*. Paper presented at the NATA Annual Clinical Symposium, June 2004; Baltimore, MD.
- Cleary MA**, Sweeney LA,\* Sitler MR, Kendrick ZV. *Thermoregulatory and cardiovascular responses to active dehydration and hyperthermia in males*. Paper presented at the NATA Annual Clinical Symposium, June 2003; St. Louis, MO.
- Cleary MA**, Sitler MR, Kendrick ZV. *Effects of dehydration on delayed onset muscle soreness in healthy males*. Paper presented at the 2002 National Athletic Trainers' Association Annual Clinical Symposium, Dallas, TX.

Sweeney LA,\* Kendrick ZV, Sittler MR, Sachs ML, **Cleary MA**, Porter ST. *Effect of hydration on delayed muscle soreness in males dehydrated in a hot ambient environment*. Paper presented at the 2001 National Athletic Trainers' Association Annual Clinical Symposium, Los Angeles, CA.

### **Peer-Reviewed/Refereed Research Presentations, Regional/State**

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Abdenour T, **Cleary MA**. *Athletic Trainers' Use and Perceptions of Patient-rated Outcome Scales*. Poster presented at the Far West Athletic Trainers' Association Conference. April 2017; Las Vegas, NV.

Kasamatsu TM\*†, **Cleary MA**, Bennett JP, Howard KE, Valovich McLeod TC. *Predicting the Likelihood of an Existing Concussion Management Policy in Secondary Schools: An Athletic Trainers' Perspective*. Poster presented at the Far West Athletic Trainers' Association Conference. April 2015; San Diego, CA.

#### **†NATA District 8 Outstanding Research Presentation Award, 2<sup>nd</sup> Runner-Up**

**Cleary MA**: *Fatalities associated with exertional rhabdomyolysis and sickle cell trait: a review of 99 fatal cases*. Poster presented at the Far West Athletic Trainers' Association Conference. April 2015; San Diego, CA.

Bonilla DJ, **Cleary MA**, Kasamatsu TM. *Assessing Cultural Competence in Healthcare: A Systematic Review*. Poster presented at the Far West Athletic Trainers' Association Conference. April 2014; Las Vegas, NV.

Kasamatsu TM, **Cleary MA**, Bonilla DJ. *Systematic Review of Smartphone Accelerometer Validity and Reliability: Practical Applications for Measuring Concussion Related Balance Deficits*. Poster presented at the Far West Athletic Trainers' Association Conference. April 2014; Las Vegas, NV.

**Cleary MA**, Nottingham SL, Kasamatsu TM, Bennett JP: *Views and practices of athletic trainers on NATA standards of care before and after a continuing medical education workshop*. Poster presented at the Far West Athletic Trainers' Association Conference. April 2013; Sacramento, CA.

#### **†NATA District 8 Outstanding Research Presentation Award, 1<sup>st</sup> Runner-Up**

**Cleary MA**, Oshiro RS, Wahl TP,\* Furutani TM, Goeckeritz LM, Kanaoka T, Kocher MH, Murata NM. *Average duration of sport-related concussion return-to-play is 3-weeks in Hawaii high schools for football in 2011*. Poster presented at the Far West Athletic Trainers' Association Conference. April 2012; San Diego, CA.

Furutani TM, Oshiro RS, **Cleary MA**, Murata NM, Goeckeritz LM, Kanaoka T, Wahl TP,\* Kocher MH.\* *Knowledge and attitudes of public high school athletic trainers regarding concussion management recommendations following concussion awareness education*. Poster presented at the Far West Athletic Trainers' Association Conference. April 2012; San Diego, CA.

Goeckeritz LM, Wahl TP,\* **Cleary MA**, Oshiro RS, Kocher MH,\* Furutani TM, Kanaoka T, Stickley CD, Kimura, IF, Murata, NM. *Standard assessment of concussion baseline scores differ between gender but not age in high school athletes*. Poster presented at the Far West Athletic Trainers' Association Conference. April 2012; San Diego, CA.

Kanaoka T, Oshiro RS, Furutani TM, Goeckeritz LM, Wahl TP,\* Kocher MH,\* **Cleary MA**, Murata NM, Uyeno RK. *Comparison of neurological tests utilized in return to participation outcomes of concussed high school athletes during 2010-2011*. Poster presented at the Far West Athletic Trainers' Association Conference. April 2012; San Diego, CA.

Oshiro RS, Furutani TM, Goeckeritz LM, Kanaoka T, Wahl TP,\* Kocher MH,\* **Cleary MA**, Murata NM: *Increase in concussion reporting in Hawaii state public high schools with state instituted concussion management plan 2007-2011*. Poster presented at the Far West Athletic Trainers' Association Conference. April 2012; San Diego, CA.

- Shull RF\*, **Cleary MA\***, Shigemura R, Forman T. *Idiopathic anhidrosis during high-intensity intermittent anaerobic exercise in a collegiate female volleyball player: A case report*. Poster presented at the Far West Athletic Trainers' Association Conference. April 2012; San Diego, CA.
- Wahl TP, \* **Cleary MA**, Oshiro RS, Kocher MH,\* Furutani TM, Goeckeritz LM, Kanaoka T, Freemyer, B, Murata NM, Stickley CD, Kimura, IF: *balance error scoring system baseline values differ with age but not gender in high school athletes*. Poster presented at the Far West Athletic Trainers' Association Conference. April 2012; San Diego, CA.
- Cleary MA**, Toy MG,\* Lopez RM. *Effect of intermittent, superficial cooling on thermoregulatory and cardiovascular responses during exercise in the heat*. Poster presentation at the Far West Athletic Trainers' Association Annual Clinical Symposium, April 2010; Las Vegas, NV.
- Toy MG,\* **Cleary MA**, Lopez RM. *Effect of intermittent, superficial cooling on perceptual responses during exercise in the heat*. Poster presentation at the Far West Athletic Trainers' Association Annual Clinical Symposium, April 2010; Las Vegas, NV.
- Cleary MA**, Hetzler RK, Wong BC, Okasaki EM, Nichols AW, Kimura IK. *Hydration status of NCAA Division IA football players at high- versus low-risk for exertional heat illness during pre-season practices*. Poster presented at the Far West Athletic Trainers' Association Annual Clinical Symposium, June 2010; Honolulu, HI.
- Sadowski KA,\* **Cleary MA**, Lee S, Miller G. *Exertional rhabdomyolysis in a high school wrestler: An extreme case of DOMS*. Poster presented at the Far West Athletic Trainers' Association Annual Clinical Symposium, June 2010; Honolulu, HI.
- Emerson CC,\* Eberman LE,\* Minton DM,\* **Cleary MA**. *Recurrent heat cramps in American-football player*. Poster presented at the Southeastern Athletic Trainers' Association Conference, April 2007; Atlanta, GA.
- Eberman LE,\* **Cleary MA**. *Validation of the heat illness index score risk assessment*. Oral research presentation at the Southeastern Athletic Trainers' Association Conference, April 2007; Atlanta, GA.
- Faust DA, Tripp BL, **Cleary MA**, Jacobs P. *Acute effects of handheld vibration on active elbow repositioning*. Poster presented at the 2007 Southeastern Athletic Trainers' Association Conference. Atlanta, GA.
- Fergusson DS, Doherty-Restrepo JL, Odai ML, Tripp BL, **Cleary MA**. *Influences of high school students on the selection of athletic training as a career*. Poster presented at the 2007 Southeastern Athletic Trainers' Association Conference. Atlanta, GA.
- Minton DM,\* Eberman LE,\* Cleary MA, Emerson CC.\* *Comparison of common field/clinical measures to standard laboratory measures of hydration status*. Oral research presentation at the Southeastern Athletic Trainers' Association Conference, April 2007; Atlanta, GA.
- Ruiz DJ,\* Eberman LE, **Cleary MA**, Tripp BL. *Evaluation of heat illness prevention program in southeastern us high schools*. Poster presented at the Southeastern Athletic Trainers' Association Conference, April 2007; Atlanta, GA.
- Clark TJ, **Cleary MA**, Doherty-Restrepo JL, Eberman LE. *Efficacy of an athletic training clinical residency program in developing mastery of entry-level skills in post-certification graduate athletic training education*. Poster presented at the 2006 Southeastern Athletic Trainers' Association Educators' Conference. Atlanta, GA.
- Cleary MA**, Eberman LE.\* *Initial implementation and evaluation of exertional heat illness risk assessment*. Poster presented at the Southeastern Athletic Trainers' Association Conference, April 2006; Atlanta, GA.
- Dale RB, Lee R, Gurchiek L, Gattis A, **Cleary MA**. *Tympanic membrane versus core temperature assessment during controlled tennis practice: A pilot investigation*. Poster presented at the Southeastern Athletic Trainers' Association Conference, April 2006; Atlanta, GA.
- Eberman LE,\* **Cleary MA**. *Acute, voluntary dehydration in adolescent American football players during pre-season training in a hot, humid environment*. Paper presented at the Southeastern

- Athletic Trainers' Association Conference, April 2006; Atlanta, GA.
- Eberman LE,\* **Cleary MA**, Butcher-Mokha M, McKinney J.\* *Effects of active dehydration on balance in normothermic participants*. Poster presented at the Southeastern Athletic Trainers' Association Conference, April 2006; Atlanta, GA.
- Eberman LE, **Cleary MA**, Odai ML. *Effectiveness of research mentoring in a post-certification graduate athletic training education program at a large, urban research university*. Poster presented at the 2006 Southeastern Athletic Trainers' Association Educators' Conference. Atlanta, GA.
- Garvey SE,\* **Cleary MA**, Eberman LE,\* Stubblefield Z.\* *Active hyperthermia negatively impacts anaerobic power in euhydrated males*. Poster presented at the Southeastern Athletic Trainers' Association Conference, April 2006; Atlanta, GA.
- Gatens DR, **Cleary MA**, Doherty-Restrepo JL, Morcillo A, Eberman LE. *Sexual harassment of female athletic training students in the clinical education environment: An initial investigation*. Poster presented at the 2006 Southeastern Athletic Trainers' Association Educators' Conference. Atlanta, GA.
- Gurchiek L, Dale RB, Lee R, Gattis A, **Cleary MA**. *Intermittent cooling during controlled tennis practice: A pilot investigation*. Poster presented at the Southeastern Athletic Trainers' Association Conference, April 2006; Atlanta, GA.
- Lopez RM,\* Eberman LE,\* **Cleary MA**, Garvey SE.\* *Inexpensive versus expensive instruments' validity for calculation of wet bulb globe temperature using the Heat Stress Advisor® software*. Poster presented at the Southeastern Athletic Trainers' Association Conference, April 2006; Atlanta, GA.
- Lopez RM,\* Eberman LE,\* **Cleary MA**, LaMarche BH,\* Line SM.\* *Superficial cooling does not decrease core body temperature before, during, or after exercise in an American football uniform*. Paper presented at the Southeastern Athletic Trainers' Association Conference, April 2006; Atlanta, GA.
- Ruiz D,\* **Cleary MA**, Eberman LE,\* Mitchell ID.\* *Hospitalization of a high school quarterback with severe dehydration and cramping resulting in exercise-induced rhabdomyolysis*. Poster presented at the Southeastern Athletic Trainers' Association Conference, April 2006; Atlanta, GA.
- Stubblefield Z,\* **Cleary MA**, Garvey SE,\* Eberman LE.\* *Active hyperthermia negatively impacts memory aspects of cognitive performance in euhydrated males*. Poster presented at the Southeastern Athletic Trainers' Association Conference, April 2006; Atlanta, GA.
- Jones LC,\* **Cleary MA**, Zuri RE,\* Lopez RM.\* *Upper and lower body anaerobic muscular power is impaired by active dehydration*. Poster presented at the Southeastern Athletic Trainers' Association Conference, April 2005; Atlanta, GA.
- Martinez J, **Cleary MA**, Garcia G. *Displaced comminuted patellar fracture associated with anterior cruciate ligament reconstruction in a male collegiate basketball player*. Poster presented at the 2005 Southeastern Athletic Trainers' Association Conference, Atlanta, GA.
- McKinney JL,\* Eberman LE,\* **Cleary MA**, Lopez R. *Effects of dehydration on balance as measured by the balance error scoring system*. Poster presented at the Southeastern Athletic Trainers' Association Conference, Conference, April 2005; Atlanta, GA.
- Reckard AJ, Eberman LE, **Cleary MA**. *Central vestibulopathy restricting activity in a female collegiate basketball player*. Poster presented at the 2005 Southeastern Athletic Trainers' Association Conference, Atlanta, GA.
- Lopez RM,\* **Cleary MA**, Zuri RE,\* Jones LC.\* *Cooling vests do not reduce core and skin temperature following an exercise heat stress trial*. Poster presented at the Southeastern Athletic Trainers' Association Conference, April 2004; Atlanta, GA.
- Martinez JM, **Cleary MA**, Garcia G. *Anterior cruciate ligament reconstruction associated with displaced comminuted patellar fracture in a male collegiate basketball player*. Poster presented at the 2004 Southeastern Athletic Trainers' Association Conference, Atlanta, GA.

- Mitchell ID,\* **Cleary MA**, Line SM.\* *Acute and chronic dehydration in adolescents during in situ two-a-days American football practice*. Poster presented at the Southeastern Athletic Trainers' Association Conference, April 2004; Atlanta, GA.
- Zuri RE,\* **Cleary MA**, Lopez RM,\* Jones LC.\* *Cognitive performance may be influenced by active dehydration: A preliminary investigation*. Poster presented at the Southeastern Athletic Trainers' Association Conference, April 2004; Atlanta, GA.
- Cleary MA**, Sweeney LA,\* Sittler MR, Kendrick ZV. *Active dehydration and hyperthermia impair thermoregulation and induce cardiovascular strain during low-intensity exercise*. Poster presented at the Southeastern Athletic Trainers' Association Conference, April 2003; Atlanta, GA.
- Moore TA, **Cleary MA**, Diaz T, Mitchell ID. *Femoral fracture in a collegiate football athlete*. Poster presented at the 2003 Southeastern Athletic Trainers' Association Conference, Atlanta, GA.
- Lopez RM,\* **Cleary MA**, Diaz T.\* *Severe heat cramps in a high school football player*. Poster presented at the Southeastern Athletic Trainers' Association Conference, April 2003; Atlanta, GA.
- Campenella BJ, Mattacola CG, Kimura IF, **Cleary MA**. *Effect of visual feedback and verbal encouragement on concentric quadriceps and hamstrings peak torque of males and females*. Poster presented at the 1999 Eastern Athletic Trainers' Association Annual Clinical Symposium, Philadelphia, PA.
- Cleary MA**, Kimura IF, Sittler MR, Kendrick ZV. *The time course of the repeated bout effect of eccentric exercise on delayed onset muscle soreness*. Poster presented at the 1995 Eastern Athletic Trainers' Association Conference, Philadelphia, PA.

#### **Invited Conference Presentations, International/National/Regional/State**

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- Abdenour TE, **Cleary MA**, Schwartz EN, Ferkel RD: *Treatment of lower extremity stress fractures and stress reaction in professional basketball players with teriparatide: a level 2 case series*. Evidence-Based Practice session at the 2018 National Basketball Athletic Trainers' Association educational program., March 2018, Chicago, IL.
- Cleary MA**, Abdenour TE. *Evidence-based practice or practice-based evidence: improving patient care*. Sponsored Session of FWATA Research and Grants Committee Presentation at the Far West Athletic Trainers' Association Annual Meeting and Clinical Symposium, April 2017; Las Vegas, NV.
- Abdenour TE, **Cleary MA**. *Patient-Rated Outcome Scales in the AT setting: Have We Progressed?* Evidence-Based Practice session presented at the California Athletic Trainers' Association Conference. February 2017; Sacramento, CA.
- Cleary MA**. Special Topics session: *Chronic traumatic encephalopathy: Long-term effects of sports-related concussion*. Presented at the NATA Annual Meeting and Clinical Symposium, June 2016; Baltimore, MD.
- Cleary MA**. Special Topics session: *Evidence for the long-term effects of sports-related concussion*. Presented at the Far West Athletic Trainers' Association Annual Meeting and Clinical Symposium, April 2015, San Diego, CA.
- Cleary MA**, Nottingham S. Special Topics session: *Incorporating clinical outcomes in the athletic training practice*. Presentation at the NATA Annual Meeting and Clinical Symposium, June 2013; Las Vegas, NV.
- Cleary MA**. *Incorporating evidence and clinical outcomes in the athletic training practice*. Workshop presented at the Far West Athletic Trainers' Association Annual Meeting and Clinical Symposium, April 2013; Sacramento, CA.
- Cleary MA**. *New standards in prevention of sudden death*. Invited presentation for the California Athletic Trainers' Association, February 2013; Pomona CA.
- Cleary MA**. *Student Leadership Conference*. Organized event for the California Athletic Trainers' Association, February 2013; Pomona CA.



- Cleary MA**, Lopez RM. *Identifying risk and preventing exertional heat illness*. Presented at the Evidence-Based Forum at the NATA Annual Meeting and Clinical Symposium, June 2012; St. Louis, MO.
- Cleary MA**. *New competencies in prevention of sudden death*. Hands-on workshop for the Hawaii Athletic Trainers' Association, May 2012; Honolulu, HI.
- Cleary MA**. *Exertional rhabdomyolysis: identification and referral- The Athletic Trainers' Perspective*. Continuing Education Lecture for the Hawaii Athletic Trainers' Association, May 2012; Honolulu, HI.
- Cleary MA**. *Exertional rhabdomyolysis: Identification and referral- The Athletic Trainers' Perspective*. General Session Presentation at the Far West Athletic Trainers' Association Annual Meeting and Clinical Symposium, April 2012; Las Vegas, NV.
- Cleary MA**. Hands-on Workshop: *In-the-field identification of exertional heat stroke and other exertional heat illnesses*. Break-out workshop at the Far West Athletic Trainers' Association Annual Meeting and Clinical Symposium, April 2011; Las Vegas, NV.
- Cleary MA**. *Optimal hydration practices during pre-season football*. University of Hawaii Athletics Department, August 2010; Honolulu, HI.
- Cleary MA**. *Assessing risk for exertional heat illness*. General Session Presentation at the Far West Athletic Trainers' Association Annual Meeting and Clinical Symposium, June 2010; Honolulu, HI.
- Cleary MA**. *Hydration and nutrition for optimal performance in warm, humid environmental conditions*. Clinical Symposium at Hawaii Preparatory Academy, May 2009; Waimea, HI.
- Cleary MA**. *Individual hydration assessment for optimal performance during pre-season football*. University of Hawaii Athletics Department, August 2009; Honolulu, HI.
- Cleary MA**. *Evolution of athletic training education: Where we have been, where we are, and where we are going*. Hawaii Athletic Trainers' Association Annual Meeting and Clinical Symposium, May 2009; Honolulu, HI.
- Cleary MA**. *Optimal hydration strategies to avoid heat illness in warm, humid conditions*. University of Hawaii Athletics Department, August 2008; Honolulu, HI.
- Cleary MA**. *Assessment of risk for exertional heat illness in Athletes*. West Virginia Athletic Trainers' Association Annual Meeting and Clinical Symposium, March 2007; Charleston, WV.
- Cleary MA**. *Exertional heat illness, particularly in adolescents*. Athletic Trainers' Association of Florida Annual Meeting and Clinical Symposium, March 2005; Orlando, FL.
- Cleary MA**. *The five "Ws" of Grant Writing*. Graduate Student Research Seminar. 2004 Southeastern Athletic Trainers' Association Conference. Atlanta, GA.
- Simo A, **Cleary MA**. *Intrusive community noises negatively impacts South Florida residents*. 2003 Annual Joan and Harry Smith Lecture Series. Florida International University, Miami, FL.
- Cleary MA**. *The FIU Graduate Sports Medicine Program*. Lecture presented at the 2003 School Board of Broward County Annual Athletic Directors meeting, Ft. Lauderdale, FL.
- Cleary MA**. *Heat illness prevention and treatment*. Lecture presented at the 2003 North Broward Hospital District Annual Sports Medicine In-service Program, Weston, FL.
- Cleary MA**. *Hydration and avoiding heat illness*. Lecture presented to the 2003 FIU Summer Sports Camps in collaboration with Miami Children's Hospital, National Defeat the Heat campaign, and the National S.A.F.E. Kids Campaign, Miami, FL.
- Cleary MA**. *Hydration and heat illness*. Lecture presented at the 2003 North Broward Hospital District Annual Sports Medicine Symposium, Ft. Lauderdale, FL.
- Cleary MA**. *The facts about sports injury*. Lecture presented at 2003 Miami Children's Hospital National S.A.F.E. Kids Campaign, Miami, FL.

## **GRANTS AND CONTRACTS**

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- Cleary MA**, Nottingham SL, Kasamatsu TM, Bennett JP. Using a third-party reimbursement model for estimating health care cost savings and potential revenue generation for Southern California high schools. 2014. Research and Grants committee of the Far West Athletic Trainers' Association. Funded \$2,000.
- Cleary MA**, Lopez RM. Cardiovascular, thermoregulatory, and perceptual responses to exercise in American football equipment during simulated football practice in the heat. 2011-2013 *The National Operating Committee on Standards for Athletic Equipment (NOCSAE) research grant*. Pre-Proposal accepted \$79,475. Not funded.
- Cleary MA**. Funds provided for travel to New Orleans, LA to present research at the NATA Annual Conference. 2011 *University of Hawaii Research Council*, Funded \$1,500.
- Oshiro R, Murata N, Maeda J. Concussion Management Protocol for Interscholastic Student-Athletes in Hawaii High Schools. Hawaii Department of Health 2010. Approximately \$80,000 for 2011 – 2013. Funded. Consultant.
- Cleary MA**, Oshiro R. Body weight and hydration status of adolescent wrestlers during a competitive high school wrestling season. 2010 *Far West Athletic Trainers Association research grant*. \$3,500. Not funded.
- Cleary MA**, Lopez RM, Toy M. Physiological and perceptual effects of superficial cooling during intermittent exercise and recovery in the heat. *Polar Products, Inc.*, 2010. Equipment Provided \$1,200.
- Cleary MA**, Lopez RM, Toy M. Physiological and perceptual effects of superficial cooling during intermittent exercise and recovery in the heat. *GlacierTek, Inc.* 2010. Equipment Provided \$1,500.
- Cleary MA**, & Oshiro R. Hawaii injury surveillance and outcomes project. 2009 *NATA Injury Surveillance and Outcomes Research Award*, Letter of Intent. \$323,953. Not funded.
- Sutherland JJ, **Cleary MA**. Validation of the Hawai'i Anaerobic Run Test (HART) in healthy physically active people. 2008 *Far West Athletic Trainers Association research grant*. \$2,500. Not funded.
- Cleary MA**. Funds provided funds for research equipment purchase, graduate research assistant support, and travel for presentation of research projects. 2008 *Start-up funds. UHM College of Education Dean's Office and Vice Chancellor for Research*. Funded \$30,000.
- Cleary MA**. Funds provided funds for equipment purchase, graduate research assistant support, and travel for presentation of a series of research projects on: Dehydration and the effects on the physiologic response. 2007-2010 *The School Board of Broward County*, Funded \$540,000.
- Cleary MA**. Funds provided funds for equipment purchase, graduate research assistant support, and travel for presentation of a series of research projects on: Dehydration and the effects on the physiologic response. 2007-2010 *Private Schools in Miami Dade and Broward County*, Funded \$75,000.
- Cleary MA**. Funds provided for travel to Lexington, KY to participate in the NIH-GMS grant writing workshop. 2007 *National Institutes of Health General Medical Sciences*, Funded \$1,500.
- Emerson C, Minton D, **Cleary MA**, Eberman LE. Effects of hypohydration, hyperthermia, fatigue, and electrolyte depletion on exercise-associated muscle cramping. 2006 *NATA Research and Education Foundation Osternig Masters Award*, Funded \$1,000.
- Cleary MA**, Eberman LE, Moseley BJ. Validation of a heat illness risk assessment instrument and incidents of exertional heat illness in American football players in the southeastern US. 2006 *Southeastern Athletic Trainers' Association Research and Education Committee Grant*, Funded \$1,500.

- Cleary MA.** Funds provided funds for research equipment purchase, graduate research assistant support, travel for presentation and dissemination of research projects. 2006-2008 *Graduate Research Assistant Support*, Funded \$200,000.
- Cleary MA.** Funds provided funds for equipment purchase, graduate research assistant support, and travel for presentation of a series of research projects on: Dehydration and the effects on the physiologic response. 2004-2007 *The School Board of Broward County*, Funded \$384,000.
- Cleary MA.** Funds provided funds for research equipment purchase, graduate research assistant support, travel for presentation and dissemination of research projects. 2004-2006 *Graduate Research Assistant Support*, Funded \$134,000.
- Cleary MA.** Funds provided for travel to Atlanta, GA as member of the NATA Post-Professional Review Committee. 2003-2008 *NATA*, Funded \$1,200 annually.
- Stubblefield Z, Eberman LE, **Cleary MA.** Effect of acute, active hyperthermia on cognitive performance in collegiate football players. 2005 *Southeastern Athletic Trainers' Association Research and Education Foundation*, \$1,500. Not funded.
- Eberman LE, **Cleary MA.** Effect of exercise intensity on hyperthermia, dehydration, and heat acclimation in adolescent American football players. 2005 *NATA Research and Education Foundation*, \$1,500. Not funded.
- Eberman LE, **Cleary MA**, Butcher-Mohka M, Lopez R. Deficits in postural stability and control resulting from dehydration. 2004 *National Athletic Trainers' Association Research and Education Foundation*, \$1,500. Not funded.
- Cleary MA.** Grant for summer funding of research project on: Effect of active dehydration and mild hyperthermia on cognitive performance in healthy, physically active males. *Florida International University Foundation Summer 2004 Research Mini-Research Competition Grant*, Funded, \$5,000.
- Cleary MA**, Sandler D. Grant provided funds for equipment purchase and travel for presentation of project on: Postural stability is negatively affected by active dehydration and mild hyperthermia. *Florida International University College of Education Dean's Grant Spring 2004*, Funded \$5,000.
- Cleary MA**, Moseley BJ. Grant provided funds for equipment purchase and to travel to present and publish research on: Effects of active dehydration on cognitive function in healthy, physically active males. *Florida International University College of Education Dean's Grant Fall 2003*, Funded \$5,000.
- Cleary MA**, Sandler D, Lopez, R. Grant provided funds for equipment purchase and to travel to present and publish research on: Repeated environmental and exercise stress and the effects on measures of fluid/electrolyte balance, hydration, and performance in physically active males. *Florida International University College of Education Dean's Grant Spring 2003*, Funded \$5,000.
- Cleary MA.** Provided equipment and supplies for the safety of research subjects in heat and hydration studies conducted in the FIU Sports Sciences Research Laboratory. *ClimaTech Safety, Inc.* 2003, Funded \$630.00.
- Cleary MA.** Funds provided funds for community outreach, research equipment purchase, graduate research assistant support, and travel for presentation of a series of research projects. 2003 *The School Board of Broward County Grant*, Funded \$96,000.
- Cleary MA.** Funds procured for equipment purchase, graduate research assistant support, travel for presentation research projects. 2003 *Graduate Research Assistant Support*, Funded \$64,500.
- Cleary MA.** Funds provided for travel to Atlanta, GA as NATA representative and to contribute to the Inter-Association Task Force on Exertional Heat Illness. 2003 *National Athletic Trainers' Association*, Funded \$1,200.

**Cleary MA.** Effect of beverage type on the temporal pattern of voluntary chronic dehydration in children. 2002 *National Athletic Trainers' Association Research and Education Foundation Grant*, Pre-proposal accepted \$40,000.

**Cleary MA, Sandler D, Lopez R.** Grant provided funds for equipment purchase and to conduct research project on: Effect of voluntary carbohydrate/electrolyte enriched fluid intake on dehydration in males performing repeated bouts of strenuous exercise. *Florida International University College of Education Dean's Grant Fall 2002*, Funded \$5,000.

**Cleary MA.** Grant provided funds for equipment purchase, graduate research assistant support, and travel for presentation of research project on: Effect of voluntary carbohydrate/ electrolyte fluid intake on rehydration in children during strenuous exercise. *Florida International University Office of the Provost Summer 2002 Research Competition Grant*, Funded \$5,000.

**Cleary MA.** Funds provided funds for research equipment purchase, graduate research assistant support, and travel for presentation of research projects. 2002 *Graduate Research Assistant Support*. Funded \$56,500.

### **Invited Professional Activities, National/International**

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Facilitator. *Evidence-Based Practice Forum: Exertional Heat Illness*, St. Louis, MO. 2015 NATA Annual Clinical Symposium.

Moderator. *Sickle Cell Trait and Athletes*, St. Louis, MO. 2015 NATA Annual Clinical Symposium.

Moderator. *Hydration Interventions*, Las Vegas, NV. 2013 NATA Annual Clinical Symposium.

Moderator. *NATA District 8 Research and Grants Committee Outstanding Research Awards*.

Sacramento, CA. 2013 Far West Athletic Trainers' Association Annual Clinical Symposium.

Moderator. *Hydration Interventions*, Philadelphia, PA. 2010 NATA Annual Clinical Symposium.

Task Force Member. *NATA Inter-Association Task Force on Acclimatization during Pre-Season Football in High School Athletes*. St. Louis, MO.

Moderator. *Fluid and Electrolyte Balance*, St. Louis, MO. 2008 NATA Annual Clinical Symposium.

Participant. *National Institutes of Health General Medical Sciences Grant Writing Workshop*, Lexington, KY. NIH-GMS.

Moderator. *Sudden cardiac arrest in student athletes*, Baltimore, MD. 2004 NATA Annual Clinical Symposium.

Moderator. *Exertional heat illnesses*, St. Louis, MO. 2003 NATA Annual Clinical Symposium.

Contributor. Inter-Association Task Force on Exertional Heat Illness. *NATA Representative*.

Consensus Statement development and dissemination. Atlanta, GA.

Task Force Member. *Recognition of heat illnesses*. Inter-Association Task Force on Exertional Heat Illness Meeting, Atlanta, GA.

Contributor. NATA Accreditation of Post-Certification Athletic Training Education Programs. *NATA Graduate Review Committee*. Policy development and accreditation reviews.

### **RESEARCH MENTORING**

#### **Student Research Awards**

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Kasamatsu TM<sup>†</sup>, **Cleary MA**, Bennett JP, Howard KE, Valovich McLeod TC: Predicting the Likelihood of an Existing Concussion Management Policy in Secondary Schools: An Athletic Trainers' Perspective. Poster presented at the Far West Athletic Trainers' Association Conference. April 2015; San Diego, CA.

#### **†FWATA Outstanding Research Presentation Award, 2<sup>nd</sup> Runner-Up**

\*Brashears NB, Seymour HC, Roberts KT, Mock SA, **Cleary MA**, Kasamatsu TM: The relationship between Pressure-Sensing Platform and Subjective Postural Stability Tests In Diagnosing Mild Traumatic Brain Injuries. Poster presented at the Far West Athletic Trainers' Association Conference. April 2014; San Diego, CA.

**\*FWATA 2015 Student Exchange Track Outstanding Research Presentation Award: Original**

**Research Category, \$100 awarded**

- \*Seymour HC, Brashears NB, Roberts KT, Mock SA, Kasamatsu TM, **Cleary MA**. Validity and Reliability of Mobile Postural Stability Testing Devices for use in Clinical Concussion Assessment. Poster presented at the Far West Athletic Trainers' Association Conference. April 2014; San Diego, CA.
- \***FWATA 2015 Student Exchange Track Outstanding Research Presentation Award: Original Research Category, \$100 awarded**
- \*Li J, Bonilla DJ, **Cleary MA**, Kasamatsu TM, Bennett JP: Characterizing Athletic Trainers' Use of Patient-Related Outcomes in the Secondary School Setting. Poster presented at the Far West Athletic Trainers' Association Conference. April 2014; San Diego, CA.
- \***FWATA 2015 Student Exchange Track Outstanding Research Presentation Award: Original Research Category, \$100 awarded**
- \*Koen SM, Takaoka KD, Kato BP, Dwyer BA, Cleary MA, Bonilla D. Effectiveness of Kinesio-tape Application by a Trained Practitioner on DOMS of the Biceps Brachii. Poster presented at the Far West Athletic Trainers' Association Conference. April 2014; Las Vegas, NV.
- \***2014 NATA Annual Writing Contest and 2014 Student Exchange Track Outstanding Research Presentation Award: Original Research Category, \$100 awarded.**
- \*Garcia LN, Botting JB, Edwards AR, Zaleski EM, Kasamatsu TM, Cleary MA, Nottingham SL; Bennett JP. Sport Safety Practices of Secondary Schools in Southern California: an Athletic Directors' Perspective. Poster presented at the Far West Athletic Trainers' Association Conference. April 2014; Las Vegas, NV.
- \***FWATA 2014 Student Exchange Track Outstanding Research Presentation Award: Original Research Category, \$100 awarded**
- \*Buckley BL, Nielsen WW, Bonilla DJ, Cleary MA. Common Movement Patterns Using the Functional Movement Screen within Position Specific Football Players: A Systematic Review. Poster presented at the Far West Athletic Trainers' Association Conference. April 2014; Las Vegas, NV.
- \***FWATA 2014 Student Exchange Track Outstanding Research Presentation Award: Evidence-Based Practice Category, \$100 awarded**
- \*Kirkpatrick RA, James CM, Schumann SN, Buzbee CC, Singleton NE, Cleary MA. Appropriateness of the Functional Movement Screen© to Identify Common Compensation Patterns in Elite Dancers. Poster presented at the Far West Athletic Trainers' Association Conference. April 2014; Las Vegas, NV.
- \***FWATA 2014 Student Exchange Track Outstanding Research Presentation Award: Original Research Category, \$100 awarded**
- \*Zaleski EM, Morisako RK, Dressler SR, McAulay LK, Starks D, Cleary MA. Comparative Study Measuring Artificial Turf Temperatures between the Infrared Thermometer and the Research Surface Temperature Probe.
- \***FWATA 2014 Student Exchange Track Outstanding Research Presentation Award: Original Research Category, \$100 awarded**
- \*Bergens B-F, Kasamatsu T. *Concussion management protocols in the military and the role of the athletic trainer: A systematic review.* Poster presented at the Far West Athletic Trainers' Association Conference. April 2013; Sacramento, CA.
- \***FWATA 2013 Student Exchange Track Outstanding Research Presentation Award: Original Research Category.**
- \*Allinson C, Retzer A. *Severe cramping and exertional rhabdomyolysis in a community college football player: A case report.* Poster presented at the Far West Athletic Trainers' Association Conference. April 2013; Sacramento, CA.
- \***FWATA 2013 Student Exchange Track Outstanding Research Presentation Award: Clinical Case Report Category.**
- \*Amato T, Crawford L. *The use of pickle juice and carbohydrate-electrolyte drinks in the treatment of exercise associated muscle cramps.* Poster presented at the Far West Athletic Trainers'

Association Conference. April 2013; Sacramento, CA.

**\*FWATA 2013 Student Exchange Track Outstanding Research Presentation Awards:  
Evidence-Based Practice and Popular Demand Award Categories**

Foster S, Murdock T. *The role of athletic trainers in professional rodeo*. Poster presented at the Far West Athletic Trainers' Association Conference. April 2013; Sacramento, CA.

**\*FWATA 2013 Student Exchange Track Outstanding Research Presentation Award: Original Research Category.**

Emerson C, Minton D, **Cleary MA**, Eberman LE. Effects of hypohydration, hyperthermia, fatigue, and electrolyte depletion on exercise-associated muscle cramping.

**2006 NATA Research and Education Foundation Osternig Masters Award, Funded \$1,000.**

\*Faust DA, Tripp BL, **Cleary MA**, Jacobs P. Acute effects of neuromuscular-training with handheld vibration on elbow joint position sense. *J Athl Train*, 2007; 42, S-9, S-19. \*Nominated for the NATA Outstanding Masters Research Award 2007.

**\*Nominated for Outstanding Masters Research Award at the 2007 NATA Annual Clinical Symposium, Anaheim, CA.**

\*Lopez RM, Eberman LE, Cleary MA, LaMarche BH, Line SM. Superficial cooling does not decrease core body temperature before, during, or after exercise in an American football uniform. *J Athl Train*. 2005;40, S-44 and S-55-56.

**\*Winner of the NATA Outstanding Masters Research Award at the 2005 NATA Annual Clinical Symposium, Atlanta, GA.**

**Chair, Theses/Masters Research and Doctoral Dissertations**

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- 2014 Kasamatsu T. *Understanding Athletic Trainers' concussion management and return to learn recommendations: A mixed methods study*. Chair, Doctoral dissertation. Chapman University.
- 2011 Hamer J. *Effects on progressive rehydration on strength and power in weight-controlled athletes*. 2011 Chair. University of Hawai'i.
- 2011 McGuire G. *Effects on progressive rehydration on strength and power in weight-controlled athletes*. 2011 Chair. University of Hawai'i.
- 2011 Morris T. *A longitudinal retrospective cohort study of pitching injuries in high school baseball in Hawaii*. 2011 mentor. Hawaii Academy of Science / Pacific Symposium for Science and Sustainability. Punahou School.
- 2011 Rivera M. *Influence of graft choice on knee laxity after anterior cruciate ligament reconstruction: A systematic review*. 2011 Chair. University of Hawai'i.
- 2011 Hornsby C. *Prolotherapy and soft tissue injury: A systematic review*. 2011 Chair. University of Hawai'i.
- 2011 Samonsky M. *Injury prevention and prehabilitation of swimmer's shoulder in division I collegiate swimmers*. 2011 Committee Member. University of Hawai'i.
- 2011 Schmidt L. *Neuromuscular imbalances in female athletes: A systematic review*. 2011 Chair. University of Hawai'i.
- 2009 Gard D. *Hydration in acclimatized adolescent female athletes before and after an educational intervention*. Thesis Co-Chair. University of Hawai'i.
- 2008 Lentz M. *Validation of heart rate maximum during anaerobic exercise testing in healthy physically active people*. Thesis Co-Chair. University of Hawai'i.
- 2008 Eberman LE. *Effect of performance feedback on certified athletic trainers' perceived knowledge and likelihood to pursue continuing education on exercise associated muscle cramps*. Committee Member, (Chair) Doctoral dissertation. Florida International University.
- 2007 Eberman LE. *Validation of the heat illness index score risk assessment*. Chair, dissertation pilot study. Florida International University.
- 2007 Emerson CC. *Treatment of heat illness in collegiate American football player*. Thesis Chair. Florida International University.

- 2007 Minton DM. *Comparison of common field/clinical measures to standard laboratory measures of hydration status*. Thesis Chair. Florida International University.
- 2006 Gatens DR. *Prevalence and effects of sexual harassment of female athletic training students in the clinical education environment: An initial investigation*. Thesis Chair. Florida International University.
- 2006 Garvey SE. *Effects of active hyperthermia on upper- and lower-extremity anaerobic muscular power*. Thesis Chair. Florida International University.
- 2006 Lopez RM. *Validity of inexpensive psychrometers for calculation of wet bulb globe temperature using the Heat Stress Advisor® software*. Masters Research Project Chair. Florida International University.
- 2006 Ruiz D. *Severe dehydration with cramping resulting in exercise-induced rhabdomyolysis in a high school quarterback*. Masters Research Project Chair. Florida International University.
- 2006 Stubblefield Z. *Effects of active hyperthermia on cognitive performance*. Thesis Chair. Florida International University.
- 2005 Eberman LE. *Effects of active dehydration on balance in normothermic participants*. Thesis Chair. Florida International University.
- 2005 Lopez RM. *Superficial cooling does not decrease core body temperature before, during, or after exercise in an American football uniform*. Thesis Chair. Florida International University.
- 2005 McKinney JL. *Effects of dehydration on balance as measured by the balance error scoring system*. Thesis Chair. Florida International University.
- 2005 Stubblefield ZS. *Acute posterior ankle pain in a female recreational soccer player*. Masters Research Project Chair. Florida International University.
- 2005 Teeters JC. *Recurrent tibial tunnel cyst formation following ACL reconstruction and interference screw removal*. Masters Research Project Chair. Florida International University.
- 2004 Eberman LE. *Celiac disease in a female collegiate volleyball player*. Masters Research Project Chair. Florida International University.
- 2004 Jones LC. *Active dehydration impairs upper and lower body anaerobic muscular power*. Thesis Chair. Florida International University.
- 2004 Lopez R. *Effects of a cooling vest on core and skin temperature following a heat stress trial in healthy males*. Thesis Chair. Florida International University.
- 2004 Zuri RE. *Effects of active dehydration on cognitive performance: A preliminary investigation*. Thesis Chair. Florida International University.

## PROFESSIONAL ENGAGEMENT

### Policies/Guidelines Developed

- Cleary MA**, Boehm J, Peterson B, Galloway L. *Crean College of Health and Behavioral Science Guidelines for Publishing in Open-Access Journals*. Crean College Faculty Handbook. 2017.
- Cleary MA**. *Chapman University Interprofessional Education Committee Guidelines and Expectations*. Rinker Health Science Campus. 2016.
- Cleary MA**. *Chapman University Clinical Research Project Handbook*. Masters of Science in Athletic Training. Published on BlackBoard. 2015.
- Cleary MA**. *Chapman University Capstone Project Handbook*. Athletic Training Education Program. Published on BlackBoard. 2012.
- Cleary MA**. *Operational Policies Manual*. UH Entry-Level Athletic Training Education Program. Published online. 2007 – 2012.
- Cleary MA**. *Research Mentoring Program*. FIU Advanced Athletic Training/Sports Medicine Program. Published online. 2005

- Cleary MA.** *Teaching Mentorship Program.* FIU Advanced Athletic Training/Sports Medicine Program. Published online. 2005
- Cleary MA.** *Graduate Athletic Training Policies and Procedures Manual 3<sup>rd</sup> Ed.* FIU Advanced Athletic Training/Sports Medicine Program. Published on CD-ROM and available online. 2005
- Cleary MA.** *Graduate Sports Medicine Program Athletic Trainer Coverage Policy.* The School Board of Broward County, Ft. Lauderdale, FL. 2003
- Cleary MA.** *Guidelines for Athletic Directors and Coaches for Athletic Trainers.* The School Board of Broward County, Ft. Lauderdale, FL. 2003

### **Professional Development Workshops Conducted**

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- Cleary MA.** *New competencies in preventing sudden death.* University of LaVerne, Continuing Education Clinical Preceptor Workshop. Orange, CA. 2015
- Cleary MA.** *Using the electronic medical record to document clinical outcomes in the traditional athletic training setting.* Chapman University, Continuing Education Clinical Preceptor workshop. Orange, CA. 2013
- Cleary MA.** *New competencies in preventing sudden death.* Chapman University Clinical Preceptor Workshop. Orange, CA. 2012
- Cleary MA.** *New competencies in preventing sudden death.* Hawaii Trainers' Association Annual Meeting and Clinical Symposium. Honolulu, HI. 2012
- Cleary MA.** *Assessment of exertional heat illness.* Far West Athletic Trainers' Association Annual Meeting and Clinical Symposium. Las Vegas, NV. 2011
- Cleary MA.** *Effective teaching strategies for clinical instructors.* University of Hawaii Approved Clinical Instructor Education Series. Honolulu, HI. 2008-2011
- Cleary MA.** *Assessment of exertional heat illness.* Southeastern Athletic Trainers' Association Annual Meeting and Clinical Symposium. Atlanta, GA. 2006
- Cleary MA.** *Finding your focus: The writing process.* *College of Education Research Conference Steering Committee Research and Writing Workshop Series.* Miami, FL. 2002
- Cleary MA.** *Sentence clarity and combining.* *College of Education Research Conference Steering Committee Research and Writing Workshop Series.* Miami, FL. 2002
- Cleary MA.** *Writing a presentation proposal.* *College of Education Research Conference Steering Committee Research and Writing Workshop Series.* Miami, FL. 2002

## **TEACHING**

### **Courses Instructed**

#### **Chapman University, Orange CA**

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2020 – Present	Research Methods and Design (PAS 531)
2020 – Present	Graduate Project II (PAS 698)
2020 – Present	Graduate Project I (PAS 697)
2020 – Present	Human Anatomy Lecture (PAS 502)
2020 – Present	Human (Cadaver) Anatomy (PAS 502L)
2018 – 2019	Pharmacology for Athletic Trainers (AT 529)
2017 – 2019	Evidence-Based Practice Sem V: Completing & Disseminating Findings (AT 605)
2016 – 2019	Evidence-Based Practice Sem IV: Collecting Data & Analyzing Findings (AT 604)
2016 – 2019	Evidence-Based Practice Sem III: Managing Data (AT 603)
2016 – 2019	Evidence-Based Practice Sem II: Proposing a Solution (AT 602)
2016 – 2019	Evidence-Based Practice Sem I: Analyzing the Problem (AT 601)
2016 – 2019	Clinical Examination and Diagnosis: General Medical Conditions/Lab (AT 675/L)



2015 – 2019	Evidence-Based Practice Seminar II: Research Design and Biostatistics (AT 502)
2015	Introduction to Patient Care and Clinical Skills (AT 515)
2015 – 2019	Evidence-Based Practice Seminar I: Foundations of EBP (AT 501)
2014 – 2015	Healthcare Administration in Athletic Training (AT 216)
2013 – 2015	Scholarly Inquiry Seminar II (AT 375)
2013 – 2014	Capstone Seminar in Athletic Training (AT 498)
2013 – 2015	Scholarly Inquiry Seminar I (AT 370)
2013 – 2015	Statistics for Allied Health Sciences (AT 270)
2012 – 2015	Clinical Evaluation and Management of General Medical Conditions (AT 411/L)
2012 – 2013	Foundations of Athletic Training (AT 204)

### **University of Hawaii, Honolulu HI**

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2012	Therapeutic Interventions: Exercise (KRS 618)
2012	Upper Extremity Assessment (KRS 421)
2011	Lower Extremity Assessment (KRS 420)
2010	Introduction to Sports Medicine (KRS 205)
2009 – 2011	Head, Neck, and Spine Assessment (KRS 615)
2009	Therapeutic Modalities (KRS 617)
2009 – 2012	General Medical Conditions in Sports Medicine (KRS 619)
2009 – 2011	Introduction to the Athletic Training Clinic (KRS 497)
2009 – 2012	Athletic Training Capstone Experience (KRS 622)
2008 – 2012	Administration in Athletic Training and Exercise Science (KRS 419)
2008 – 2011	Clinical Experience II (KRS 610)
2008 – 2011	Clinical Experience IV (KRS 612)
2008 – 2012	Graduate Research Seminar (KRS 641)
2007 – 2010	Clinical Experience I (KRS 609)
2007 – 2010	Clinical Experience III (KRS 611)
2007 – 2011	Research Methods (KRS 673)

### **Florida International University, Miami FL – University Park Campus**

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2007 – 2007	Administration and Professionalism in Athletic Training (PET 6558)
2005 – 2007	Doctoral Internship (EDG 6943)
2005 – 2007	Graduate Research Seminar (PET 6938)
2004 – 2007	Human Performance in Extreme Environments (PET 6558)
2003 – 2007	Masters Research in Sport and Rehabilitation Science (PET 6535)
2003 – 2007	Thesis in Athletic Training (PET 6971)
2003 – 2007	Advanced Athletic Training/Sports Medicine Seminar I & II (PET 6525/6526)
2003 – 2005	Physical Assessment, Measurement, & Evaluation Techniques (PET 6999)
2003	Sports Medicine (PET 5625)
2003 – 2007	Survey of Research in Physical Education (PET 6597)
2002 – 2003	Therapeutic Exercise for the Injured Athlete (PET 4632)
2002 – 2003	Therapeutic Modalities for the Injured Athlete (PET 4630)
2002 – 2005	Human Physiology for Exercise & Sport Science Lecture & Lab (PET 3353C/L)
2001 – 2007	Human Anatomy for Exercise & Sport Science Lecture & Lab (PET 3325C/L)

### **Temple University, Philadelphia, PA – Main, Health Science Center, and Ambler Campuses**

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1998 – 2000	Human Anatomy and Physiology I Lecture (PE 100)
1998 – 2000	Human Anatomy and Physiology II Lecture (PE 101)
1998 – 1999	Medical Human Gross Anatomy Lab (M101)
1997 – 1999	Human Anatomy and Physiology II Lab (PE101)
1997 – 1999	Human Anatomy and Physiology I Lab (PE100)

1997 – 1998 Human Gross Anatomy Lab (PT512)

## SERVICE

### Inter-Association Task Forces

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2007 – 2009 Contributor, Inter-Association Task Force on Acclimatization during High School Pre-season Practices  
2003 – 2004 Contributor, Inter-Association Task Force on Exertional Heat Illness

### Journal Peer-Reviewer

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2009 – Present External Reviewer, *Athletic Training & Sports Health Care*  
2005 – Present External Reviewer, *Journal of Sports Rehabilitation*  
2004 – Present External Reviewer, *International Journal of Athletic Training & Therapy*  
2002 – Present External Reviewer, *Journal of Athletic Training*  
2015 – Present External Reviewer, *Research Quarterly in Exercise and Sport*  
2002 – 2003 External Reviewer, Gatorade Sport Science Institute  
2001 – 2002 External Reviewer, Lippincott Williams & Wilkins Publishers  
2001 – 2002 External Reviewer Addison Wesley/Benjamin Cummings Publishers

### National Leadership

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2017-Present Ambassador, NATA Foundation  
2017 Participant, NATA Athletic Training Research Agenda focus group  
2015 - 2016 Member, NATA Professional Education Committee  
2011 - Present Reviewer, NATA Convention Planning Committee  
2002 – 2008 Member and Site Visitor, NATA Education Council  
Post-Professional Education Review Committee  
2002 – Present Grant Reviewer, NATA Research and Education Foundation

### Regional Leadership

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2015 – 2018 Chair, Far West Athletic Trainers' Association  
Research and Grants Committee  
2009 – Present Grant Reviewer, Far West Athletic Trainers' Association  
Research and Grants Committee  
2009 – Present Abstract Reviewer, Far West Athletic Trainers' Association  
Research and Grants Committee  
2009 – Present Outstanding Research Award Judge, Far West Athletic Trainers' Association  
Research and Grants Committee  
2009 – 2015 Member, Far West Athletic Trainers' Association  
Research and Grants Committee  
2005 – 2007 Chair, Southeast Athletic Trainers' Association  
Education Conference Planning Committee  
2005 – 2006 Chair, Southeast Athletic Trainers' Association  
Education Conference Poster Committee  
2004 – 2007 Co-Chair, Southeast Athletic Trainers' Association  
Student Research Seminar Planning Committee  
2003 – 2007 Member, Southeast Athletic Trainers' Association  
Research and Education Committee  
2004 – 2007 External Reviewer, Southeast Athletic Trainers' Association  
Research and Education Committee

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### **State Leadership**

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2013 - Present	Member, California Athletic Trainer' Association Legislative Action Team
2012 - 2015	Chair, California Athletic Trainers' Association Annual Conference and Leadership Development Planning Committee
2011	Research Mentor. Hawaii Academy of Science / Pacific Symposium for Science and Sustainability
2011 – 2012	State of Hawaii Department of Education Research consultant Concussion Management Program
2011 – 2012	Member, State of Hawaii Department of Education Heat Illness Advisory Committee
2009 – 2012	State of Hawaii Department of Education Wrestling Weight Management program consultant
2009 – 2012	Member, Hawaii Athletic Trainer' Association Governmental Affairs Committee

### **Service Positions, University**

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2015 – 2018	Chair, Interprofessional Education Council
2015 – 2017	Co-Chair- Biomedical Science, Institutional Review Board, Chapman University
2012 – 2015	Board Member, Institutional Review Board, Chapman University
2014 – 2015	Member, Senate Executive Board, Chapman University
2014 – 2015	Chair, Graduate Academic Council, Chapman University
2013 – 2014	Research Needs Task Force, Chapman University, appointed by Faculty Senate President
2013 – 2014	College of Educational Studies representative for Graduate Academic Council, Chapman University
2011 – 2012	Faculty Representative Advisory Committee, University of Hawaii Professional Assembly
2010 – 2012	Faculty representative for Primary Academic Unit 82, University of Hawaii Professional Assembly
2008 – 2012	Board Member, UHM Institutional Review Board, Biomedical Research
2007 – 2008	Alternate, UHM Institutional Review Board, Biomedical Research
2006 – 2007	Member, FIU University Graduate Council

### **Service Positions, College**

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2017 - 2018	Chair, Faculty Review Committee, Crean College of Health and Behavioral Sciences, Chapman University
2016	Chair, Ad Hoc Committee on Open-Access Publishing, Crean College of Health and Behavioral Sciences, Chapman University
2016	Member, PhD Program Planning Committee, Crean College of Health and Behavioral Sciences, Chapman University
2015 - Present	Chair, Rinker Health Science Research Day Committee, Chapman University
2015 - Present	Chair, Interprofessional Education Committee, Crean College of Health and Behavioral Sciences, Chapman University
2014 – 2015	Member, Strategic Planning Committee, Crean College of Health and Behavioral Sciences, Chapman University
2013 – 2014	Faculty Advisor, College of Educational Studies Graduate Students Council
2012 – 2015	Member, Chapman University Doctoral Committee

2012 – 2014	Research Mentor, Chapman University Doctoral Writing Support
2010 – 2011	Member, UHM COE Curriculum and Course Proposal Committee
2009 – 2012	Alternate, UHM COE Faculty Senate Representative
2005 – 2007	Editor-in Chief, FIU COE Research Conference Section on Allied Health Professions Proceedings
2005 – 2007	Co-Chair, FIU COE Research Conference Section on Allied Health Professions Steering Committee
2004 – 2006	Chair, FIU COE Doctoral Studies Committee
2003 – 2006	Chair, FIU COE Graduate Policies Committee
2003 – 2007	Co-Chair, FIU COE Research Conference Steering Committee
2003 – 2004	Chair, FIU COE Research Conference Review & Selection Committee
2002 – 2004	Member, FIU COE Doctoral Studies Committee

### **Service Positions, Department/Program**

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2020 – Present	Member, Assessment Committee, Masters of Medical Science
2020 – Present	Member, ARC-PA Self-Study Committee, Masters of Medical Science in Physician Assistant Studies, Crean College of Health and Behavioral Sciences, Chapman University
2020 – Present	Applicant Reviewer for each new cohort admitted into the PAS program
2017 – 2018	Member, CAATE Self-Study Committee, Masters of Science in Athletic Training, Crean College of Health and Behavioral Sciences, Chapman University
2012 – Present	Research Coordinator: Masters of Science in Athletic Training
2012 – 2015	Member, College of Educational Studies Graduate Professional AT Program Development Committee
2012 – 2014	Research Mentor, Chapman University Undergraduate Research
2011 – 2012	Chair, UHM Athletic Training Degree Program Planning Committee
2010 – 2012	Advisor, KRS Undergraduate Pre-Health Professions
2011	Recorder and Member, KRS Strategic Planning Committee
2007 – 2010	Faculty mentor, Hawaii Athletic Trainers' Society
2005	Member, FIU Higher Education Search and Screen Committee
2005	Member, FIU Exercise Physiology Search and Screen Committee
2004	Member, FIU Athletic Training Search and Screen Committee
2003 – 2005	Chair, FIU HPER PhD proposal Sport Science Focus Committee
2002 – 2005	Member, FIU HPER PhD Planning Committee

### **Professional Engagement**

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1990 – Present	Member, National Athletic Trainers' Association
2012 – Present	Member, California Athletic Trainers' Association
2007 – Present	Member, Far West Athletic Trainers' Association
2015 – Present	Member, National Academy of Sports Medicine
2001 – 2015	Member, National Strength and Conditioning Association
2001 – 2012	Member, American College of Sports Medicine
2007 – 2012	Member, Hawaii Athletic Trainer' Association
2001 – 2007	Member, Southeastern Athletic Trainers' Association
2001 – 2007	Member, Athletic Trainers' Association of Florida

## CONTINUING EDUCATION

### Meetings Attended, National

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2016	Exceptional Executive Leadership for Women program. Academy for Academic Leadership. Atlanta, GA
2002 - Present	NATA Annual Meeting and Clinical Symposium Las Vegas, NV; St. Louis, MO; New Orleans, LA; Philadelphia, PA; Anaheim, CA; Dallas, TX; Indianapolis, IN; Baltimore, MD; Dallas, TX; Baltimore, MD
2016	National Athletic Trainers' Association Leadership Meeting, Dallas, TX
2015	Athletic Training and Public Health Summit, Corvallis, OR
2011	Concussion to Consequence: Managing Sport-Related Concussion On & Off the Field Webinar.
2011	ImPACT Training Webinar: Keys to Clinical Interpretation
2011	ImPACT Training Webinar: ATC's Guide to ImPACT Testing: Understanding the Basics of Composite Scores and Testing Environments.
2011-2015	Federal Capitol Hill Day
2015, 2013,	NATA Athletic Training Educators' Conference
2011, 2009,	Baltimore, MD; Dallas, TX; Washington, DC; Dallas, TX; Del Lago, TX
2007, 2005	
2009, 2007,	American College of Sports Medicine
2005	Annual Meeting and Clinical Symposium in Seattle, WA; New Orleans, LA; Nashville, TN

### Meetings Attended, Regional

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2019– 2009	Far West Athletic Trainers' Association Annual Meeting and Clinical Symposium Las Vegas, NV; Honolulu, HI; San Diego, CA; Sacramento, CA; Hilo, HI
2014	Southwest American College of Sports Medicine. Annual Meeting and Clinical Symposium. Costa Mesa, CA
2002 – 2007	Southeastern Athletic Trainers' Association Annual Meeting and Clinical Symposium in Atlanta GA
1997, 1995,	Eastern Athletic Trainers' Association
1994	Annual Meeting and Clinical Symposium in Boston, MA; Philadelphia, PA
1991, 1990,	Rocky Mountain Athletic Trainers' Association
1989	Annual Meeting and Clinical Symposium in Phoenix, AZ; Denver, CO; Albuquerque, NM

### Meetings Attended, State

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2013 - 2018	State Capitol Hill Day
2019 - 2013	California Athletic Trainers' Association Conference, Sacramento, CA
2012 - 2009	Hawaii Athletic Trainers' Association Annual Meeting and Clinical Symposium Honolulu, HI
2012 - 2011	Hawaii Department of Education Concussion Clinic Honolulu, HI
2011	Hawaii Academy of Science / Pacific Symposium for Science and Sustainability. Honolulu, HI
2011 - 2009	Health Occupations Students of America Annual Meeting and Sports Medicine Competition in Honolulu, HI
2005	Florida Athletic Trainers' Association Annual Meeting and Clinical Symposium in Orlando, FL