

Margaret C. Morrissey-Basler, PhD

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EDUCATION AND CERTIFICATES

PhD [Kinesiology] University of Connecticut, Storrs, CT, USA	2022
MS [Exercise Physiology] Florida State University, FL, USA	2018
BS [Health & Exercise Science] Skidmore College, NY, USA	2014
Graduate Certificate in Foundations of Public Health University of Connecticut, Storrs, CT, USA	2022
Graduate Certificate in Exercise Testing and Prescription University of Connecticut, Storrs, CT, USA	2018

FELLOWSHIPS

Post-doctoral Fellow, Korey Stringer Institute University of Connecticut, Storrs, CT, USA	2022-2023
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PROFESSIONAL EXPERIENCE

Assistant Professor , Department of Health Sciences, Providence College	2023-Present
Senior Advisor of Occupational Heat Safety, Korey Stringer Institute, , University of Connecticut	2023-Present
Adjunct Faculty , Department of Kinesiology, University of Connecticut	2022-Present
President of Occupational Safety , Korey Stringer Institute, University of Connecticut	2022-2023
Director of Occupational & Military Safety , Korey Stringer Institute, University of Connecticut	2020-2023
Mission Heat Lab Manager , Korey Stringer Institute, University of Connecticut	2020-2023
Associate Director of Occupational Safety & Communications , Korey Stringer Institute, University of Connecticut	2018-2020
Research & Teaching Graduate Assistant , Department of Health, Nutrition, and Food Sciences, Florida State University	2016-2018
Summer Research Assistant , Department of Health & Exercise Sciences, Skidmore College	2016
Data and Regulatory Specialist , Joint Clinical Trials Office, Weill Cornell Medical College	2015-2016
Clinical Research Coordinator , Pediatric Hematology/Oncology, Weill Cornell Medical College	2014-2015

RESEARCH EXPERIENCE

Providence College, Providence RI [2023-Present]

Projects:

1. Exercise in the Heat on Breast Milk Production and Composition in Lactating Women	PI	2024-Present
2. Validation of Occupational Heat Stress Evaluation Tool (OHSET) to Measure Level of Heat Safety Protections	PI	2023-Present

Korey Stringer Institute, University of Connecticut, Storrs CT [2018-2023]

Projects:

1. Heat Stress Mitigation Strategies During Simulated Work in the Heat	Co-PI	2022
2. Qualitative Study on Challenges and Barriers for Women Working in the Heat	PI	2022
3. Fat Metabolism in Men and Women During Heat Acclimation	Project Manager	2022
4. Validation of 2BCOOL Core Temperature Algorithm During Falmouth Road Race	Project Manager	2021
5. Laboratory Study on Physiological Wearable Devices during Rest and Exercise in the Cold in Men and Women	Co-PI	2021
6. Validation of Core Temperature Alerting System for Military During Cold Stress in Men	Project Manager	2021

7. Validation of Core Temperature Alerting System for Military During Body Cooling, Cycling, and Rest in Men	Project Manager	2021
8. Validation of Core Temperature Alerting System for Military During Body Cooling, Treadmill Work, and Rest in Men	Project Manager	2020
9. Short-term Heat Acclimation on Physiological Variables During Steady State Exercise in the Heat	Data Collection	2019
10. Sex Differences and Effect of Menstrual Cycle on Dehydration and Exercise in the Heat	Data Collection	2019
11. Evaluating Physiological and Perceptual Responses Following the Falmouth Road Race	Data Collection	2019
12. Hydration App on Free-living Hydration Status in College-aged Males and Females	Data Collection	2018
13. Hydration Status and Ice-Water Dousing During a Simulated Soccer Match	Data Collection	2018
14. Validation of Core Temperature Alerting System During an 8-hour Work Simulation in the Heat	Project/Manager and Data Collection	2018

Florida State University, Tallahassee, FL [2016-2018]

Projects:

1. Assess the Thermoregulatory Effect of Novel, Lightweight Material Innovation During Simulated Firefighting Activity	Project Manager	2018
2. Subcutaneous Abdominal Adipose Tissue (SCATT) Lipolysis and Whole body Substrate Oxidation in Resistance-trained Women	Data Collection	2018
3. Subcutaneous Abdominal Adipose Tissue (SCATT) and Whole Body Substrate Oxidation After Protein Feeding	Data Collection	2018
4. TeaCrine and Caffeine Supplementation on Muscular strength, endurance and power in Resistance-trained Men	Data Collection	2018
5. Lactate Kinetics During Cycling in the Cold in Endurance-trained Women	Project Manager	2017
6. Subcutaneous Abdominal Adipose Tissue (SCATT) and Carbohydrate Supplementation in Elite Runners	Data Collection	2016

Skidmore College, Saratoga Springs, NY [2016]

Projects:

1. Cardiovascular and Carcinogenic risk in Modern Firefighting	Data Collection	2016
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HONORS, AWARDS, AND PRIZES

• New England American College of Sports Medicine, New Investigator Award	2024
• Appointed Chair of the Thermal Stress Working Group, American Industrial Hygienist Association	2024
• Appointed Vice-Chair of the Thermal Stress Working Group, American Industrial Hygienist Association	2023
• Appointed Secretary of the Thermal Stress Working Group, American Industrial Hygienist Association	2022
• Conference Participation Award, Graduate School, University of Connecticut	2021
• NEACSM PhD Student Competition Finalist	2020
• Appointed Student Representative, New England American College of Sports Medicine	2020-2022
• Center for Excellence in Teaching and Learning Tuition Waiver Award, University of Connecticut	2019
• Inductee, Hortense Glenn Society, Florida State University	2018
• Tuition Waiver Award, Florida State University	2016-2018
• Member, Kappa Omicron Nu Honor Society	2017

PROFESSIONAL CREDENTIALS

- CPR/AED Certification through the American Red Cross **2016-Present**
- Respiratory Protection and Fit-Testing Certification, University of Connecticut **2020-2022**

CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- New England American College of Sports Medicine **2019-Present**
- American College of Sports Medicine **2016-Present**
- American Physiological Society **2018-Present**
- American Conference of Governmental Industrial Hygienists **2020-Present**
- American Industrial Hygienists Association **2022-Present**

EXPERT PANELS /SERVICES/ ROUNDTABLES

Expert Panels

- Sports Science Expert Panelist (Women in STEM) Girl Scout Program (CT) **April 13th, 2022**
- Expert Panelist, Gatorade Sports Science Institute Expert Panel on Physically Demanding Occupations: Phase I **July 28th, 2021**
- Expert Panelist, Gatorade Sports Science Institute Expert Panel on Physically Demanding Occupations: Phase II **October 8th, 2021**

Roundtables

- Chair, Virtual Occupational Heat Safety Recommendations Roundtable **Dec 10th, 2020**

Expert Services

- Expert Technical Writer/Editor, Draft of Heat Stress Petition for North Carolina Department of Labor: Petition for Rulemaking **2022**
- Consultant, National Association of Letter Carriers (NA) in preparation for arbitration with United States Postal Service (USPS) **2023**
- Consultant, Korey Stringer Institute, Delta Airlines. **2023**
- Consultant, Korey Stringer Institute, United Parcel Service (UPS) **2023**
- Consultant, Korey Stringer Institute, Perrigo **2023**
- American Industrial Hygienist Association (AIHA) Ambassador **2023**
- Kenzen, INC Advisory Board Member **2024**

MEDIA COMMUNICATIONS

Television

- NBC Connecticut. Appeared in a segment related to heat acclimatization and the conditions for the 2021 Tokyo Olympics. <https://www.nbcconnecticut.com/news/sports/tokyo-summer-olympics/climate-change-could-make-going-for-gold-more-difficult/2536192/> **July 23rd, 2021**
- WPRI. Appeared in a segment related to heat related illnesses in outdoor workers. <https://www.wpri.com/weather/summer-weather/dire-consequences-heat-related-illnesses-a-concern-for-outdoor-workers/> **June 19th, 2024**

Podcasts

- **Margaret C. Morrissey**, Douglas J Casa. EHS on Tap Podcast. Retrieved from: <https://ehsdailyadvisor.blr.com/podcast/ehs-on-tap-e73-helping-workers-beat-the-heat/> **Aug 10th, 2021**

- **Margaret C. Morrissey.** Radio Free Tenacity, Ergodyne Podcast. “Big 4 Factors for Eliminating Heat Stress Illness & fatalities” [<https://lnkd.in/gbnESUbN>] **May 20th, 2021**
- **Margaret C. Morrissey,** EHS on Tap, Leading the Fight Against Heat Illness in the Workplace. Podcast. Retrieved from: <https://soundcloud.com/ehs-on-tap/e112-leading-the-fight-against-heat-illness-in-the-workplace> **June 1st, 2022**

Interviews

- **Margaret C. Morrissey.** Qatar: “In the prime of their lives”: Qatar’s failure to investigate, remedy, and prevent migrant workers’ deaths. Amnesty International. Retrieved from: <https://www.amnesty.org/en/documents/mde22/4614/2021/en/> **2021**
- **Margaret C. Morrissey.** Korey Stringer Institute Works with National Partners to Keep Laborers safe. UConn Today. Retrieved from: <https://today.uconn.edu/2021/08/korey-stringer-institute-works-with-national-partners-to-keep-laborers-safe/> **2021**
- **Margaret C. Morrissey.** Heat Safety - What Industrial Workers Can Learn from Sports. Retrieved from: <https://www.magidglove.com/safety-matters/safety-culture/industrial-worker-heat-safety> **2022**
- Dan Glucksman, Adrianna Carrera, **Margaret C. Morrissey.** Legislators and labor leaders gather at Capitol Hill to advocate for heat safety. Retrieved from: https://www.ishn.com/articles/113418-legislators-and-labor-leaders-gather-at-capitol-hill-to-advocate-for-heat-safety?oly_enc_id=7565B0028134D0R **2022**
- **Margaret C. Morrissey.** SLC 2022 Preview: How to Protect Workers from Heat Stress. Learn the latest on occupational hazards and heat stress management plans from the Heat Safety & Performance Coalition President Margaret Morrissey. EHS Today. Retrieved from: <https://www.ehstoday.com/safety-leadership-conference/article/21249754/slc-2022-preview-how-to-protect-workers-from-heat-stress> **2022**
- **Margaret C. Morrissey.** Understanding Heat Stress and Prevention Strategies. EHS Daily Advisor Retrieved from: <https://ehsdailyadvisor.blr.com/2022/10/understanding-heat-stress-and-prevention-strategies/> **2022**
- **Margaret C. Morrissey.** Heat is the Top Cause of Exertion-related Injuries and Fatalities in Laborers. UCONN Today. Retrieved from: <https://today.uconn.edu/2023/05/heat-is-the-top-cause-of-exertion-related-injuries-and-fatalities-for-laborers/> **2023**
- **Margaret C. Morrissey-Basler.** Margaret Morrissey, Ph.D. - Extreme Weather and Climate Change Retrieved from: <https://youtu.be/R7tbA2hkydg> **2023**
- **Margaret C. Morrissey-Basler.** As Temperatures Rise, Companies Turn to Technology to Cool Down Workers. Wall Street Journal. Retrieved from: https://www.wsj.com/lifestyle/workplace/cooling-technology-employees-e3917e98?st=AfP4az&reflink=desktopwebshare_permalink. **2024**
- Larry D. Sloan, **Margaret Morrissey-Basler.** AIHA Launches New Heat Stress Mobile App to Help Outdoor Workers, Employers, Assess and Manage Occupational Heat Hazards. AIHA **2024**

Press Release. Retrieved from: https://www.aiha.org/press/aiha-launches-new-heat-stress-mobile-app?utm_source=linkedin&utm_medium=social&utm_term=AIHA+Main.

- **Margaret C. Morrissey-Basler**, Jennifer Vanos, Modjulie Moore, Jordan Clark. North Carolina Public Radio. COMIC: How does extreme heat affect our bodies? Retrieved from: <https://www.wunc.org/health/2024-10-04/comic-extreme-heat-bodies-health> **2024**
- **Margaret Morrissey-Basler, Ph.D.** - Working in Extreme Heat Conditions. PC Hot Topics. **2024**
Retrieved from: <https://www.youtube.com/watch?v=m3j8U29Gbuk>

PUBLICATIONS

Refereed Journal Articles (in Print)

1. Burland JP, Szymanski M, Struder J, **Morrissey M**, Van Dyke M, Lattermann C, Francisco J, Edgar CM. et al. Cumulative Impact Loading and Cartilage Synthesis Biomarkers May Be Associated With Injury Risk in Female Collegiate Basketball Players. *Arthroscopy, Sports Medicine, and Rehabilitation*. doi:10.1016/j.asmr.2024.10099.
2. Adams WM, Anderson T, Zaplatosch ME, Yates B, Cheuvront SN, Kenefick R, **Morrissey-Basler MC**, Casa DJ, Wideman L (2024). Utility of body weight, urine color, and thirst perception (WUT) in determining hydration in young adults. *Med Sci Sport Exerc*. [epub ahead of print].
3. Tishukaj, Rebecca L. Stearns, **Margaret C. Morrissey**, John F. Jardine, Douglas J. Casa (2024). Heat Stroke Best Practices in US Emergency Medical Services Guidelines. *Journal of Emergency Medicine* [epub ahead of print].
4. **Margaret C. Morrissey-Basler**, Gabrielle J. Brewer, Travis Anderson, William Adams, John S. Navarro, Monique Marcelino, David G. Martin, Douglas J. Casa (2024). The Effect of Heat Stress Mitigation Strategies on Thermoregulation and Productivity During Simulated Occupational Work in the Heat in Physically Active Young Men. *Front. Sports Act. Living* 5:1274141. doi: 10.3389/fspor.2023.127414.
5. **Margaret C. Morrissey-Basler**, Christianne M. Eason, Stephanie H. Clines, Cecilia E. Kaufman, Douglas J. Casa (2023). Perceived Challenges and Barriers for Females Working in the Heat. *JOEH*.
6. Ciara N. Manning, **Margaret C. Morrissey**, Yasuki Sekiguchi, Sean P. Langan, Rebecca L. Earp, Robert A. Huggins, Ryan M. Curtis, Yasuki Sekiguchi, Srinivas Laxminarayan, Jaques Reifman, Douglas J Casa (2023). Fluid Replacement Strategies and Heart Rate Variability Recovery Following Recovery Prolonged Exercise in the Heat and Mild Dehydration *Physiological* [epub ahead of print]
7. **Margaret C. Morrissey**, Sean P. Langan, Gabrielle J. Brewer, Jeb F. Struder, John S. Navarro, Megan N. Nye, Douglas J. Casa (2023). Limitations in Thermoregulation and Cardiovascular Research in Laborers Working in the Heat *AJIM* [epub ahead of print]
8. **Margaret C. Morrissey**, Zachary Yukio Kerr, Gabrielle J. Brewer, Faton Tishukaj, , Douglas J. Casa, Rebecca L. Stearns (2023). Analysis of Exertion Related Injuries and Fatalities in Laborers in the United States. *Int. J. Environ. Res. Public Health* 2023, 20, 2683. <https://doi.org/10.3390/ijerph20032683>
9. Sean P Langan, Ciara N. Manning, **Margaret C. Morrissey**, Tushar Gulati, Srinivas Laxminarayan, Jaques Reifman, Douglas J. Casa (2023). Efficacy of two intermittent cooling strategies during prolonged work-rest intervals in the heat with personal protective gear compared with a control condition. *Eur J Appl Physiol*. Jan 18. doi: 10.1007/s00421-023-05139-x. [Epub ahead of print].

10. Sirinivas Laximinarayan, Samantha Hornby, Luke N. Belval, Gabrielle E.W Giersch, **Margaret C. Morrissey**, Douglas J Casa, Jaques Reifman. Prospective Validation of 2B-Cool: Integrating Wearables and Individualized Predictive Analytics to Reduce Heat Injuries (2022). *Medicine & Science in Sports & Exercise* ();10.1249/MSS.0000000000003093; doi: 10.1249/MSS.0000000000003093
11. Yasuki Sekiguchi, Courtney L. Benjamin, Elaine C. Lee, Jeb F. Struder, **Margaret C. Morrissey**, Michael R. Szymanski, Rebecca L. Stearns, Lawrence E. Armstrong, Douglas J. Casa (2022). The Effect of Heat Acclimatization and Heat Acclimation on Adaptations in Body Heat Exchange in Trained Endurance Athletes *Int J Environ Res Public Health*. May 25;19(11):6412. doi: 10.3390/ijerph19116412.
12. Michael J. Ormsbee, Partrick G. Saracino, **Margaret C. Morrissey**, Jaymie Donaldson, Lilian I. Renteria, Andrew J. McKune. Pre-sleep Protein Supplementation after an Acute Bout of Evening Resistance Exercise Does Not Improve Next Day Performance or Recovery in Resistance Trained Men (2022). *J Int Soc Sports Nutr*; 19(1):164-178. doi: 10.1080/15502783.2022.2036451.
13. Jacob N. Kisiolek, Kyle A. Smith, Daniel A. Baur, Brandon D. Willingham, **Margaret C. Morrissey**, Samantha M. Leyh, Patrick G. Saracino, Cheri Mah, Michael J. Ormsbee (2021). Sleep duration correlates with performance in ultra-endurance triathlon. 2021 Oct 9;1-8. doi: 10.1123/ijssp.2021-0111.
14. Gabrielle E.W. Giersch, Nisha Charkoudian, **Margaret C. Morrissey**, Cody R. Butler, Abigail T. Colburn, Aaron R. Caldwell, Stavros A. Kavouras, Douglas J. Casa (2021). Relationship between volume regulation and estrogen to progesterone ratio during dehydration. *Front Sports Act Living* ;3:722305. doi: 10.3389/fspor.2021.722305.
15. **Margaret C. Morrissey**, Gabrielle J. Brewer, W. Jon Williams, Tyler Quinn, Douglas J. Casa: Impact of Occupational Heat Stress on Worker Productivity and Economic Cost (2021). *American Journal of Industrial Medicine*; 64(12):981-988. doi: 10.1002/ajim.23297.
16. **Margaret C. Morrissey**, Douglas J. Casa, Gabrielle J. Brewer, William Adams, Yuri Hosokawa, Courtney Benjamin, Andrew Grundstein, David Hostler, Brendon McDermott, Meredith McQuerry, Rebecca L Stearns, Erica L. Filep, Bruce Cadarette, David DeGroot, Andreas Flouris, Juley Fulcher, Robert A. Huggins, Brenda Jacklitsch, John Jardine, Rebecca Lopez, Ronda McCarthy, Riana Pryor, Zachary Schlader, Caroline Smith, Denise Smith, June Spector, Jennifer Vanos, John Williams, Nicole Vargas, Susan Yeargin (2021). Heat Safety in the Workplace: Modified Delphi Consensus to Establish Strategies and Resources to Protect Workers from Exertional Heat Illness. *Geohealth* ;5(8):e2021GH000443. doi: 10.1029/2021GH000443
17. Gabrielle E. W. Giersch, **Margaret C. Morrissey**, Cody R. Butler, Abigail T. Colburn, Zachariah S. Demarais, Stavros A. Kavouras, Ollie Jay, Nisha Charkoudian, and Douglas J. Casa (2021). Sex Difference in Initial Thermoregulatory Response to Dehydrated Exercise in the Heat *Physiological Reports*;9(14):e14947. doi: 10.14814/phy2.14947.
18. Yasuki Sekiguchi, Courtney L. Benjamin, Samantha O. Dion, Ciara N. Manning, Jeb F. Struder, Erin E. Dierickx, **Margaret C. Morrissey**, Erica M. Filep, Douglas J. Casa. Changes in Hydration Factors Over the Course of Heat Acclimation (2021). *International Journal of Sports Nutrition & Exercise Metabolism*;1-6. doi: 10.1123/ijsnem.2020-0374.
19. Borja Muniz-Pardos, Konstantinos Angeloudis, Fergus M. Guppy, Iphigenia Keramitsoglou⁴ Shaun Sutehall, Andrew Bosch, Kumpei Tanisawa, Yuri Hosokawa, Garrett I. Ash, Wolfgang Schobersberger, Andrew J. Grundstein, Douglas J. Casa, **Margaret C. Morrissey**, Fumihiko Yamasawa, Irina Zelenkova, Sébastien Racinais, Yannis Pitsiladis (2021). Wearable and telemedicine innovations for Olympic events and elite sport *Journal Sport Medicine and Physical Fitness*;61(8):1061-1072. doi: 10.23736/S0022-4707.21.12752-5.

20. **Margaret C. Morrissey**, Emma F. Zuk, Yin Wu, Jillian Livingston, Douglas J. Casa, Linda S. Pescatello (2021). Influence of Body Fat of Thermoregulation During Exercise in the Heat: Systematic Review and Meta-Analysis *JSAMS* S1440-2440(21)00148-1. doi: 10.1016/j.jsams.2021.06.004.
21. Courtney L. Benjamin, Yasuki Sekiguchi, **Margaret C. Morrissey**, Cody R. Butler, Erica M. Filep, Rebecca L. Stearns, Douglas J. Casa. The Effects of Hydration Status and Ice-Water Dousing on Physiological and Performance Indices During a Simulated Soccer Match in the Heat (2021). *JSAMS* S1440-2440(21)00138-9. doi: 10.1016/j.jsams.2021.05.013.
22. Michael R. Szymanski, Gabrielle E.W Giersch, **Margaret C. Morrissey**, Courtney L. Benjamin, Yasuki Sekiguchi, Ciara N. Manning, Rebecca L. Stearns, Douglas J. Casa (2021). Availability of a Flavored Beverage and Impact on Children’s Hydration Status, Sleep and Mood. *Nutrients* 13(6):1757. doi: 10.3390/nu13061757.
23. Yasuki Sekiguchi, Courtney L. Benjamin, Cody R. Butler, **Margaret C. Morrissey**, Erica M. Filep, Rebecca L. Stearns, Douglas J. Casa (2021). The Relationship between WUT Criteria and Urine Indices of Hydration Status. . *Sports Health* Aug 31;19417381211038494 doi: 10.1177/19417381211038494.
24. **Margaret C. Morrissey**, Samantha E. Scarneo-Miller, Gabrielle E. W. Giersch, John Jardine, Douglas J. Casa (2021). Assessing the Validity of Aural Thermometry for Measuring Internal Temperature in Patients with Exertional Heat Stroke *Journal of Athletic Training*;56(2):197-202. doi: 10.4085/1062-6050-0449.19.
25. Gabrielle E. W. Giersch, Abigail T. Colburn, **Margaret C. Morrissey**, Cody R. Butler, Michaela Pruchnicki, Stavros A. Kavouras, Nisha Charkoudian, Douglas J. Casa (2020). Effects of sex and menstrual cycle on volume regulatory responses to 24-h fluid restriction. *American Journal of Physiology-Regulatory, Integrative and Comparative Physiology* <https://doi.org/10.1152/ajpregu.00173.2020>
26. Gabrielle E. W. Giersch, **Margaret C. Morrissey**, Rachel K. Katch, Abigail T. Colburn, Stacy T. Sims, Nina S. Stachenfeld, Douglas J Casa (2020). Exercise Thermoregulation During the Menstrual Cycle: Systematic Review and Meta-analysis. *JSAMS* 23(12):11134-1140.
27. **Margaret C. Morrissey**, Michael R. Szymanski, Andrew J. Grundstein, Douglas J. Casa. New Perspectives on Risk Factors of Exertional Heat Stroke (2020). *Kinesiology Review* 9(1): 64-71.
28. Kyle A. Smith, Jacob N. Kisiolek, Brandon D. Willingham, **Margaret C. Morrissey**, Samantha M. Leyh, Patrick G. Saracino, Daniel A. Baur, Marc D. Cook, and Michael J. Ormsbee. Ultra-endurance triathlon performance and markers of whole-body and gut-specific inflammation (2020). *EJAP* 120: 349-357.
29. Brittany R. Allman, **Margaret C. Morrissey**, Jeong-Su Kim, Lynn B. Panton, Robert J. Conteras, Robert C. Hickner, and Michael J. Ormsbee. Lipolysis and Fat Oxidation are not altered with Pre-Sleep versus Day-Time Casein Protein Intake in Resistance-Trained Women (2020). *Journal of Nutrition* 150(1):47-54.
30. Kyle R. Cesareo, Patrick G. Saracino, Justin R. Mason, **Margaret C. Morrissey**, Michael J. Ormsbee (2019). The effects of TeaCrine®, caffeine, or a combination of both on muscular strength and endurance in resistance-trained men *J Int Soc Sports Nutr* 16, 47.
31. Meredith McQuerry, **Margaret Morrissey**, Jacob Kisiolek, and Michael Ormsbee (2019).. Effect of a Lightweight Structural Firefighter Turnout Composite on Physiological Comfort. ASTM Internation. *STP: Selected Technical Papers*.

32. **Margaret C Morrissey**, Jacob N Kisiolek, Tristan J Ragland, Brandon D Willingham, Rachael L Hunt, Robert C Hickner, and Michael J Ormsbee (2019). The Effect of Cold Ambient Temperature and Preceding Active Warm-up on Cycling Performance in Female Cyclists and Triathletes. *Appl Physiol Nutr Metab* 44(10):1043-1051.
33. Brittany Rose Allman, **Margaret C. Morrissey**, Jeong-Su Kim, Lynn B. Panton, Robert J. Conteras, Robert C. Hickner, and Michael J. Ormsbee (2018). Fat Metabolism and Acute Resistance Exercise in Trained Women. *J Appl Physiol* 1;126(3):739-745.
34. Daniel A. Baur, Brandon D. Willingham, Kyle M. Smith, Jacob N. Kisiolek, **Margaret C. Morrissey**, Patrick G. Saracino, Tristan J. Ragland, and Michael J. Ormsbee (2017). Glycemic Index Has No Impact on Subcutaneous Abdominal Lipolysis During Exercise. *Med Sci Sports Exerc.* Apr50(4):827-836.

Refereed Journal Articles (in Review)

1. Sean P. Langan, Michael R. Szymanski, **Margaret C. Morrissey**, Tushar Gulati, Srinivias Laxminarayan, Jaques Refman, Douglas J. Casa (2023). Peripheral blood flow during extreme cold and heat stress in men and women. *EJAP*
2. David B. Buller, PhD, Alishia Kinsey, Taylor Sullivan, Phoebe Gruetter, Margaret C. Morrissey-Basler, PhD, Ian D. Buller, PhD, Carolyn J. Heckman, PhD. Descriptive Analysis of Municipal Policies Addressing Shade in Eight Southwest and Northeast States in the United States. *Frontiers in Public Health*

Books and Book Chapters

1. **Margaret C. Morrissey-Basler**, W. Jon Williams, Michael Larranaga. Thermal Standards and Measurement Techniques. *The Occupational Environment: Its Evaluation, Control, and Management*. Anticipated Publication Date: Spring 2025
2. W. Jon Williams, **Margaret C. Morrissey-Basler**, Michael Larranaga. Applied Physiology of Thermoregulation and Exposure Control. *The Occupational Environment: Its Evaluation, Control, and Management*. Anticipated Publication Date: Spring 2025.
3. Luke N. Belval & **Margaret C. Morrissey**. Physiological Responses to Heat Stress. *Exertional Heat Illness*. Springer, New York, NY. 2019
4. **Margaret C. Morrissey**, Ian Rollo, Laura Kunces, Shiloah A. Fuller, Michael J. Ormsbee. Nutrition for High-Level Soccer. *Elite Soccer Players: Maximizing Performance and Safety*. Routledge Taylor & Francis Group. New York, NY. 2019

Non-Refereed Journal Articles and Policy Memos (in Print)

1. Spencer Pizzani, Emanuel Cauda, **Margaret Morrissey**, Will Mills. Wearable Wisdom: the promise and challenge of wearable sensors for heat stress management. *The Synergist*, April 2023. Retrieved from: [Wearable Wisdom \(aiha.org\)](https://www.aiha.org/wearable-wisdom)
2. **Margaret C. Morrissey-Basler**, Douglas J Casa. Adopting Evidence-based Heat Stress Management Strategies in the Workplace to Enhance Climate Equity. Federation of American Scientists. Retrieved from: <https://fas.org/publication/heat-stress-management/>
3. **Margaret C. Morrissey-Basler**, Thomas E. Bernard, Gabrielle J. Brewer, Don Elswick, Rod Harvey, Kyle Hubregtse, Nikki Jordan, Edward Kahal, Cecilia E. Kaufman, Kevin Sun, W. Jon Williams, Kristin Yeoman. Wearable Physiological Monitoring to Assess Heat Strain in Response to Heat Exposure. AIHA White Paper. [https://aiha-](https://www.aiha.org/white-paper)

PRESENTATIONS

Invited Keynote and Plenary Presentations at Symposia

- **Margaret C. Morrissey.** Heat Stress & Wearables. EHS Technology Week Monday Keynote. EHS Daily Advisor. May 8th, 2023. Virtual
- **Margaret C. Morrissey.** Overview of Heat Safety in the Workplace: Modified Delphi Consensus to Establish Strategies and Resources to Protect the US Workers Paper: Reducing Heat-related Injuries and Illnesses in a Changing Climate. ACC Health & Hygiene Network Meeting. September 27th, 2022. Washington, D.C.
- **Margaret C. Morrissey.** Building an Effective Heat Stress Management Plan. Georgia Local Section of American Industrial Hygiene Association Summer Meeting. September 24th, 2022. Atlanta, GA.
- **Margaret C. Morrissey.** Heat Stress and Body Cooling Products: 2nd Wednesday Safety Session. South Florida the Associated General Contractors of America Meeting. April 8th, 2021.

Invited Presentations at Conferences

- **Margaret C. Morrissey-Basler.** Changing Weather: Extreme heat, Extreme Weather, and Its Impact on the Workforce. Vermont Safety & Health Council Expo October 15th, 2024.
- **Margaret C. Morrissey-Basler.** Building an Effective Heat Stress Management Plan. AIHA Connecticut Local Section. October 12th, 2023. Storrs, CT.
- **Margaret C. Morrissey,** Gabrielle J. Brewer, Christianne Eason. How to Build an Effective Heat Stress Management Plan. AIHce Expo 2023, May 23rd, 2023. Phoenix, AZ.
- **Margaret C. Morrissey.** How to Prepare for the Extreme Heat and the OSHA Federal Heat Stress Standard. Global Safety Excavation Conference. Tampa, FL, February 15th, 2023.
- **Margaret C. Morrissey.** Heat Safety in the Workplace: Preventing Heat-related Injuries and Illnesses. Northeast American Industrial Hygienist Conference. Princeton, NJ, December 2nd, 2022.
- **Margaret C. Morrissey,** Matt Block. Protecting Your Workers By Implementing an Effective Heat Stress Management Plan. EHSToday Safety Leadership Conference. Cleveland, OH, October 20th, 2022.
- **Margaret C. Morrissey,** Matt Block. Reducing Heat-related Injuries and Illnesses in a Changing Climate. National Safety Council National Conference. San Diego, CA, September 20th, 2022.
- **Margaret C. Morrissey,** Gabrielle J. Brewer. Heat Safety in the Workplace: Reducing Risk of Heat-related Injury and Illness. AIHce EXPO. Educational Pop-up Session. Nashville, TN. May 24th, 2022.
- **Margaret C. Morrissey.** Protecting Against Occupational Heat Strain: Optimizing Safety and Performance for Laborers. VPPPA Safety+ Symposium, Nashville TN, August 31st, 2021.

Refereed Presentations at Conferences (Abstracts)

1. Kaufman CE, **Morrissey-Basler MC**, Marcelino M, Stearns RL, Casa DJ. The Effects of Body Cooling on Perceived Heat Strain and Productivity Outcomes During Simulated Work in the Heat. AIHConnect Annual Meeting [submitted].
2. Kaufman CE, Marcelino M, **Morrissey-Basler MC**, Stearns RL, Casa DJ. The Effect of Body Cooling on Physiological Responses and Productivity Outcomes During Simulated Occupational Work in the Heat. National Athletic Trainers Association Annual Meeting 2024 [submitted].
3. Burland JP, Szymanski M, Struder J, **Morrissey-Basler MC**, Lattermann C, Edgar CM. Increased Cartilage Synthesis is Associated with Cumulative Bone Stimulus and Season Long Injury Incidence. Boston MA, May 2024 [submitted].
4. Gabrielle J. Brewer, Michael R. Szymanski, Jeb F. Struder, Staci N. Thornton, **Margaret C. Morrissey-Basler**, Erica M. Filep, Elaine C. Lee, Douglas J. Casa. Sex differences in energy expenditure, metabolic heat, and substrate utilization during exercise-heat stress. American Physiology Summit 2024, Long Beach, CA [submitted].
5. Ashanthi Snell, Staci N. Thornton, Michael Szymanski, Jeb Struder, Erica Filep, **Margaret C. Morrissey-Basler**, Yasuki Sekiguchi, Douglas J. Casa, Elaine C. Lee. Pilot study: Comparative Hsp72 expression in blood plasma, saliva, and exosomal fractions during acute heat stress and acclimation. American Physiology Summit 2024, Long Beach, CA [submitted].
6. Jacob S. Bowie, Soohyun Oh, Michael Szymanski, Jeb Struder, Erica Filep, **Margaret C. Morrissey-Basler**, Staci N. Thornton, Kyle J. Mahoney, Yasuki Sekiguchi, Douglas J. Casa, Elaine C. Lee. Sex-specific transcriptome responses in circulating immune cells during exercise-heat stress and acclimation. American Physiology Summit 2024, Long Beach, CA [submitted].
7. **Margaret C. Morrissey**, Michael R. Szymanski, Erica L. Filep, Michael J. Ormsbee, Elaine C. Lee, Douglas J. Casa. Site-specific tissue lipolysis and fat metabolism differs between men and women during a treadmill-based heat tolerance test without differences in circulating biomarkers. American Physiology Summit, Long Beach, CA, April 2023.
8. **Margaret C. Morrissey**, Rebecca L. Stearns, Gabrielle J. Brewer, Douglas J. Casa. Analysis of Exertion Related Deaths and Injuries Among US Laborers. ACSM Annual Meeting May 31st- June 4th 2022, San Diego, CA.
9. **Margaret C. Morrissey**, Michael R. Szymanski, Sean P Langan, Douglas J. Casa. The Validity of Smartwatch Technologies to Assess Heart Rate During Exercise In Extreme Hot and Cold Conditions. NEACSM Annual Meeting October 21-22nd 2022, Providence, RI.
10. **Margaret C. Morrissey**, Ciara N. Manning, Douglas J. Casa. Effects of Active Cooling Following Simulated Military Work in the Heat Wearing Personal Protective Gear. ACSM Annual Meeting June 1-5th, 2021, Virtual.
11. Cody Butler, Yasuki Sekiguchi, Courtney Benjamin, **Margaret C. Morrissey**, Erica Filep, Rebecca Stearns, Douglas Casa. Inadequate Fluid Intake in Free Living Fluid Consumption College Students. ACSM Annual Meeting June 1-5th, 2021, Virtual.
12. **Margaret C. Morrissey**, Emma F. Zuk, Yin Wu, Jillian Livingston, Douglas J. Casa, Linda S. Pescatello. Effects of Obesity on Thermoregulation During Exercise in the Heat: Systematic Review and Meta-Analysis. New England American College of Sports Medicine. October 6-7th, 2020, Virtual.

13. **Margaret C. Morrissey**, Robert A. Huggins, Rachel K. Katch, Rebecca L. Stearns, John F. Jardine, Douglas J. Casa. Metabolic Heat Production Per Unit of Body Mass Does Not Predict Rise in Core Temperature Following a Warm Weather Road Race. Physiology and Pharmacology of Temperature Regulation Conference. October 26th-30th, 2020, Virtual.
14. **Margaret C. Morrissey**. Occupational Heat Stress in a Changing Climate: Heat Safety Recommendations to Increase Thermal Resilience of Workers. American Society of Safety Professionals (ASSP) Professional Development Conference and Exposition. June 6-9, Denver, CO, 2021. [submitted].
15. Cody R. Butler, Courteney L. Benjamin, Yasuki Sekiguchi, **Margaret C. Morrissey**, Erica M. Filep, Rebecca L. Stearns, Douglas J. Casa. Effects of Hydration Status in Hot Environment Cognition, Reaction Time, Anaerobic Power and Speed in Male Team Sports Athletes. 5th International Congress on Soldiers' Physical Performance. February 11-14, Quebec City, Canada, 2020.
16. Courteney L. Benjamin, Yasuki Sekiguchi, Erica M. Filep, Cody R. Butler, **Margaret C. Morrissey**, Rebecca L. Stearns, Douglas J. Casa. Optimizing Baseline Body Mass Measurements to Determine Hydration Status. ACSM Annual Meeting May 26-30th, 2020, San Francisco, CA.
17. Yasuki Sekiguchi, Courteney L. Benjamin, Cody R. Butler, **Margaret C. Morrissey**, Erica M. Filep, Rebecca L. Stearns, Douglas J. Casa. The Effect of Hydration Status and Ice Water Dousing on Heart Rate Variability Prior to and During Intermittent Exercise in the Heat. ACSM Annual Meeting May 26-30th, 2020, San Francisco, CA.
18. **Margaret C. Morrissey**, Gabrielle E.W Giersch, Cody R. Butler, Douglas J. Casa. The Relationship Between Whole-Body Heat Exchange and Thermoregulatory Responses During Exercise in the Heat in a Dehydrated State. ACSM Annual Meeting May 26-30th, 2020, San Francisco, CA.
19. Gabrielle E.W Giersch, **Margaret C. Morrissey**, Cody R. Butler, Douglas J. Casa. Sex Differences in Response to Passive Dehydration via 24-h Fluid Restriction. ACSM Annual Meeting May 26-30th, 2020, San Francisco, CA.
20. Yasuki Sekiguchi, Courteney L. Benjamin, Cody R. Butler, **Margaret C. Morrissey**, Erica M. Filep, Yuki Murata, Brad D. Endres, Gabrielle E. W. Giersch, Rebecca L. Stearns, Douglas J. Casa. The Relationship Between WUT criteria and Urine Indices of Hydration Status. Hydration for Health, Annual Meeting, Avion, France 2019.
21. **Margaret C. Morrissey**, Luke N. Belval, Gabrielle E. W. Giersch, Rachel K. Katch, Brad D. Endres, Taylor A. Duhart, Douglas J. Casa. Relationship Between Muscle Oxygenation and Oxygen Uptake During Exercise in the Heat. ACSM Annual Meeting May 28th- June 1st 2019, Orlando, FL.
22. Gabrielle E. W. Giersch, Luke N. Belval, **Margaret C. Morrissey**, Rachel K. Katch, Brad D. Endres, Douglas J. Casa. Sex Differences in Internal Temperature Responses to Prolonged Exercise in the Heat. ACSM Annual Meeting May 28th- June 1st 2019, Orlando, FL.
23. Brad D. Endres, Luke N. Belval, **Margaret C. Morrissey**, Gabrielle E. W. Giersch, Rachel K. Katch, Douglas J. Casa. Application of the Thermal-circulatory Ratio to Healthy Heat Tolerant Individuals. ACSM Annual Meeting May 28th- June 1st 2019, Orlando, FL.
24. **Margaret C Morrissey**, Jacob N Kisiolek, Tristan J Ragland, Brandon D Willingham, Rachael L Hunt, Robert C Hickner, and Michael J Ormsbee. The Effect of Cold Ambient Temperature and Preceding Active Warm-up on Cycling Performance in Female Cyclists and Triathletes. SEACSM: Abstract February 16th, 2019

25. Stephanie D. Gipson, Meredith L. McQuerry, **Margaret C. Morrissey**, Jacob N. Kisiolek, Michael J. Ormsbee. Firefighter Turnout Suit Weight Influences Simulated Exercise Performance. SEACSM: Abstract February 16th, 2019
26. Luke N. Belval, Gabrielle E. W. Giersch, Rachel K. Katch, **Margaret C. Morrissey**, Rebecca L. Stearns, Douglas J. Casa. Relationship between outcomes of a heat tolerance test and physiological responses during prolonged exercise in the heat. Physiology and Pharmacology of Temperature Regulation: Abstract. Jul.31.2018
27. Gabrielle E. W. Giersch, Luke N. Belval, Rachel K. Katch, **Margaret C. Morrissey**, Douglas J. Casa. Effect of varying environmental conditions on hydration status during and following prolonged exercise using ad libitum rehydration. Physiology and Pharmacology of Temperature Regulation: Abstract. Jul. 31.2018
28. **Margaret C. Morrissey**, Jacob Kisolek, Tristan Ragland, Brandon Willingham, Rachael Hunt, Jason McArthur, Haley Mitchell, Michael Ormsbee. The Effect of Cold Ambient Temperature on Lactate Threshold in Female Cyclists and Triathletes. Florida State University Research Showcase, February 19th, 2018
29. **Margaret C. Morrissey**, Jaymie Donaldson, Andrew McKune, Michael J. Ormsbee. The Effect of Pre-Sleep Protein Supplementation After Resistance Exercise on Next Day Performance and Recovery. ASCM Annual Meeting, May 29th -Jun. 2nd, 2018
30. Kyle A. Smith, Jacob N. Kisolek, **Margaret C. Morrissey**, Patrick G. Saracino, Samantha M. Leyh, Brandon D. Willingham, Daniel A. Baur, Marc D. Cook, Michael J. Ormsbee. Ultra-Endurance Triathlon Performance and Markers of Whole-body and Gut-specific Inflammation. ASCM Annual Meeting, May 29th -Jun. 2nd, 2018
31. Jacob N. Kisolek, Kyle A. Smith, Brandon D. Willingham, Daniel A. Baur, **Margaret C. Morrissey**, Samantha M. Leyh, Patrick G. Saracino, Michael Ormsbee. The Effect of Total Sleep Time on Ultra-Endurance Triathlon Performance. ACSM Annual Meeting, May 29th -Jun. 2nd, 2018
32. Jacob N. Kisolek, Kyle A. Smith, Brandon D. Willingham, Daniel A. Baur, **Margaret C. Morrissey**, Samantha M. Leyh, Patrick G. Saracino, Michael Ormsbee. The Effects of Sleep Time on Ultra-Endurance Triathlon Performance. SEASCM Annual Meeting, Feb. 15th -17th, 2018
33. Kyle A. Smith, Jacob N. Kisolek, **Margaret C. Morrissey**, Patrick G. Saracino, Brandon D. Willingham, Daniel A. Baur, Michael J. Ormsbee. The Effect of Sleep on Systemic Inflammation During the Ultraman Triathlon. SEASCM Annual Meeting, Feb. 15th -17th, 2018
34. Gustavo A. Ramos, Kyle R. Cesareo, Patrick G. Saracino, Justin R. Mason, **Margaret C. Morrissey**, Michael J. Ormsbee. The effects of TeaCrine®, caffeine, or a combination of both on muscular strength and endurance in resistance-trained men ISSN Annual Meeting Jun.2-4th, 2018

Invited Lectures, Webinars, and Presentations at Symposia

- **Margaret C. Morrissey-Basler**. Effects of Extreme Heat on Worker Health & Safety: Research & Policy Gaps. Protecting Workers in the Face of Climate Change: Policy and Research Nexus. Aspen Global Change Institute. Aspen, CO. Nov 12th, 2024.
- Douglas J. Casa, Ceci Kaufman, Robert A. Huggins, **Margaret C. Morrissey-Basler**. The Korey Stringer Institute & Delta Air Lines Partnership. Delta's 2024 Safety & Environmental Summit. October 30th. 2024.

- **Margaret C. Morrissey-Basler.** From Policy to Practice: OSHA’s Heat Stress Regulations. NAEM Board Regent Meeting. Virtual Webinar. October 28th, 2024.
- **Margaret C. Morrissey-Basler.** Heat: Epidemiological Data and Its Impact on Productivity in the Occupational Setting. Athletic Trainers in the Occupational Setting Task Force Meeting. Washington, D.C. October 24-25th, 2024.
- **Margaret C. Morrissey-Basler,** Douglas J. Casa. GSSI Industrial Athlete and Frontline Worker Presentation. Virtual Webinar. October 21st, 2024.
- **Margaret C. Morrissey-Basler.** Changing Weather: Extreme heat, Extreme Weather, and Its Impact on the Workforce. Vermont Safety & Health Council Expo. Fairlee, VT. October 15th, 2024.
- **Margaret C. Morrissey-Basler.** Technical Presentation: Thermal Stress Prevention. *NJ Chapter ASSP, Lehigh Valley Chapter ASSP & ASSP Military Practice Specialty Meeting. Picatinny Arsenal. October 8th, 2024*
- **Margaret C. Morrissey-Basler,** Nate Matthews-Trigg, Julie Robinson, Arnab Ghosh, Grace Wickerson. Envisioning Resilience: Accelerating Policy Solutions to Address Extreme Heat’s Growing Risks. Risk and Resilience Symposium. Knowledge Exchange for Resilience at ASU. September 19th, 2024.
- El’gin Avila, Don Elswick, **Margaret C. Morrissey-Basler.** Heat Hacks - Protecting Your Most Valuable Resources Using NIEHS Building Blocks for a Heat Stress Prevention Training Program. *National PETE Stayfresher. Webinar. August 14th, 2024.*
- **Margaret C. Morrissey-Basler.** Physiological Heat Strain Monitoring: Benefits, Considerations, and Limitations ACGIH, Webinar. July 24th, 2024
- **Margaret C. Morrissey-Basler.** Protecting Workers from Extreme Heat: Insights on Evidence-based Heat Stress Mitigation Strategies. National Safety Council, Webinar. July 23rd, 2024.
- **Margaret C. Morrissey-Basler.** Considerations for an Effective Heat Stress Management Plan. NEAIHA Annual Meeting. June 5th, 2024
- **Margaret C. Morrissey-Basler.** Benefits and Limitations of Wearable Sensors to Assess Heat Strain and Exposure. Transforming H&S Sensor Data into Information and Action: Heat Stress/Strain. NIOSH Webinar. July 25th, 2023.
- **Margaret C. Morrissey.** Beat the Heat: How to Build an Effective Heat Stress Management Plan. American Industrial Hygienist Association University Webinar. May 11th, 2023. Virtual.
- **Margaret C. Morrissey.** How to Create a Complete Heat Safety Program. Magid Safety Summit. Lunch and Learn Guest Speaker. Romeoville, IL. August 9th, 2022.
- **Margaret C. Morrissey** Occupational Safety and Health Administration Virtual Public Stakeholder Meeting on Protecting Workers from Heat Related Hazards. Three-minute public comment. 4:25-5:20pm (group 4). Mar 3rd, 2022.
- Augusta Williams (moderator), Brenda Jacklitsch, Andy Levinson, **Margaret C. Morrissey,** Marysel Pagan. How Do We Keep Our Workers Safe? National Integrated Heat Health Information System April 28th, 2022.

- **Margaret C. Morrissey**, Matt Block, Adrianna Carrera. Eight Steps to a Complete Heat Safety Program (Virtual Lunch & Learn). Hosted by Magid. April 6th, 2022.
- **Margaret C. Morrissey**, Keely Brooks, Paul Gully. Session 7: Climate Warming and Impacts to Staffs and Assets of the webinar series, "Showcasing Leading Practices in Climate Adaptation: Experiences from the Water Sector to Empower Other Sectors and Communities" (Hosted by: National Oceanic and Atmospheric Administration (NOAA), Water Utility Climate Alliance (WUCA), The Water Research Foundation (WRF), and U.S. Environmental Protection Agency). Feb 3rd, 2022.
- **Margaret C. Morrissey**. Construction, Agriculture, and Factory Workers. Gatorade Expert Panel Meeting, Virtual, October 8th, 2021.
- Brittany Cohen, Chris Valletta, Douglas Casa, **Margaret Morrissey**. Cracking the Code on Industrial Heat Safety: Webinar. July 13th, 2021.
- Sarah Anderson, Chris Valletta, Douglas Casa, **Margaret Morrissey**, Gary Cohen, Brittany Cohen, Rich Preciose. National Heat Safety Coalition: Pre-Launch Virtual Roundtable. July 29th, 2020.

Invited Lectures and Readings of Original Work

- Shelton Lo, Elisabeth Stelson, Anna Young, **Margaret C. Morrissey**, Elizabeth Yates, Greg Wagner. Friday Research Seminar Series: The Pilot Project Symposium. Harvard T.H Chan School of Public Health, January 20th, 2022.
- Douglas J. Casa, **Margaret C. Morrissey** & Gabrielle J. Brewer. Series of presentations on Military Heat Safety: Optimizing Safety and Performance. Invited speakers at West Point, the U.S. Military Academy. February 9th- 10th, 2022.
- **Margaret C. Morrissey**, Gabrielle Brewer, Michael Szymanski. Heat safety training for Magid Safety Service Team. Storrs, CT, June 14th, 2022.
- **Margaret C. Morrissey**. Lactate Threshold: Effect of Cold Ambient Temperature. (Local) Delivered for Tallahassee Gulf Winds Triathlete Club, March, 2018.

Moderator of Presentations at Symposia

- **Margaret C. Morrissey-Basler (Moderator)**, Anna Galjan, Linda Pescatello, Lanay Mudd. Mastering Grant Writing as an Early Career Scientist. American College of Sports Medicine Annual Meeting. Boston, MA, May 28th, 2024.
- **Margaret C. Morrissey (Moderator)**, Luke Pelton (Moderator), Monica Hall-Porter, Daryl Nelson, Johanna Harper. "A New Era of Professionalism: Creating an Inclusive Image of Exercise Science and Sports Medicine Professionals" New England American College of Sports Medicine Annual Meeting. October 14th, 2022.
- **Margaret C. Morrissey (Moderator)**, Jonathan Petrocelli, Shivangi Bajpai, Alahna Mild, NEACSM Student Research Showcase. Beyond FITT: Unique Considerations to Optimize Exercise Prescription". Spring Conference New England American College of Sports Medicine. Virtual Conference April 8th, 2022.

GRANTS & EXTERNAL FUNDING

SUBMITTED RESEARCH SUPPORT

Burroughs Wellcome Fund

Climate Change and Human Health Seed Grants

Safeguarding worker health in a warming world: Evaluating heat stress mitigation strategies in Thailand's industrial workforce

Principal Investigator: **Margaret C. Morrissey-Basler**

Total Support: \$49,740

National Institute for Health (PA-24-246) [Submitted Jan 2025]

PHS 2024-2 Omnibus Solicitation of the NIH and CDC for Small Business Innovation Research Grant Applications

Heat Safe Workplaces: An Occupational Heat-related Illness Prevention Intervention

Principal Investigator: David Buller

Role: Co-investigator

RI-INBRE

2025 RI-INBRE PP-Seed Proposal [Submitted Nov 2024]

Principal Investigator(s): Margaret C. Morrissey-Basler

Total Support: \$24,354

FUNDED RESEARCH SUPPORT

New England American College of Sports Medicine

New Investigator Award [Submitted Fall 2024]

Principal Investigator(s): Margaret C. Morrissey-Basler

Total Support: \$5,000

MPUSA, LLC (MISSION)

Principal Investigator(s): Margaret Morrissey, Douglas J Casa

Total Support: \$107,667

University of Connecticut

Department of Africana Studies

Collaborative to Advance Equity through Research on Women and Girls of Color Research Grant

Student Research Grant

Principal Investigator: Margaret C. Morrissey

Total Support: \$ 4,059

Start Date: March 2022

National Institute of Occupational Safety and Health (NIOSH)

Harvard-NIOSH Education and Research Center

Principal Investigator: Margaret C. Morrissey, Douglas J. Casa

Total Support: \$13,894

University of Connecticut

The Graduate School

Travel Grant

Total Support: \$1,000

NOT FUNDED RESEARCH SUPPORT

National Institutes for Health (Grant #: 1R01CA300108-01)

Multi-method analysis of shade in public open spaces for heat and UV protection

Principle Investigator: Dave Buller

Role: Co-investigator

Total Support: \$4,051,992

National Institute of Health (NIH) [Submitted Summer 2023]

Principal Investigator: Julie Parsonnet (Stanford University)

Total Support: \$139,350

Role: Co-investigator

New England American College of Sports Medicine

New Investigator Award [Submitted Fall 2023]

Principal Investigator(s): Margaret C. Morrissey-Basler

Total Support: \$2,500

University of Connecticut

Graduate Student and Postdoctoral Affairs [Submitted Fall 2022]

Postdoctoral Seed Grant Award

Principal Investigator: Margaret C. Morrissey

Total Support: \$1,959

PROFESSIONAL SERVICE

Professional Committees/Working Groups

- Chair, Student Affairs Committee, American College of Sports Medicine Jun 2022-Jun 2024
- American Industrial Hygienist Association Thermal Working Group Committee. Jan 2022-Present
- A10.50 American Society of Safety Professional Subcommittee Dec 2021-Present
- Search Committee for Administrative Program Support 1 and 2 position, Korey Stringer Institute, University of Connecticut Oct 2021
- ACSM Student Affairs Committee Representative Jan 2021-June 2022
- New England Representative, ACSM Student Affairs Committee Aug2020-Present
- Appointed Student Representative, Executive Leadership Committee, NEACSM Aug 2020-Present
- COVID-19 Safety Planning Committee, Planning Director May 2020-Present
- Nutrition, Food, Exercise Sciences Representative, Graduate Student Advisory Council May 2017-Jun. 2018

Editorial Activities

Editor

- Editor, Women in Sport and Physical Activity Journal Jan 2025-Present

Reviewer

- Reviewer, American Journal of Industrial Medicine September 2024-Present
- Reviewer, Applied Physiology, Nutrition and, Metabolism August 2024-Present
- Reviewer, Physiological Genomics January 2023-Present
- Reviewer, Journal of Applied Physiology November 2022-Present
- Reviewer, Journal of Athletic Training May 2018-Present
- Reviewer, Policy and Practice in Health and Safety September 2019-Present
- Reviewer, BMC Pediatrics January 2020-Present
- Reviewer, Journal of Thermal Biology August 2020-Present
- Reviewer, Frontiers in Sports and Active Living October 2021-Present
- Reviewer, GeoHealth October 2021- Present

PROFESSIONAL INSTRUCTION EXPERIENCE

Providence College, Providence, RI

Department of Health Sciences, College of Nursing and Health Sciences

Instructor of Record:

HSC 101: Anatomy & Physiology I (sections 3,4, and 5) (Fall 2023)

HSC 102: Anatomy & Physiology II (Sections 4 and 5) (Spring 2024)

University of Connecticut Storrs, CT

Department of Kinesiology, College of Agriculture, Health, and Natural Resources

Instructor of Record:

KINS 5507: Fundamentals of Exercise Prescription (Online; Fall 2022;Fall 2023; Fall 2024)

Co-Instructor of Record:

KINS 5508: Exercise Prescription for Individuals with Chronic Diseases and Health Conditions (Online; Spring 2023)

KINS 5594: Fundamental of Conducting Systematic Reviews (Online; Fall 2024)

Teaching Assistant

KINS 4205W: Senior Capstone (Spring 2022)

KINS6500: Exertional Heat Stroke (Spring 2022)

KINS 5507: Fundamentals of Exercise Prescription (Online; Fall 2021)

KINS 2227: Exercise Prescription (Online; Fall 2021)

KINS 4205W: Senior Capstone (Online; Spring 2021)

KINS 2227: Exercise Prescription (Online; Spring 2021)

KINS 5507: Fundamentals of Exercise Prescription (Online; Fall 2020)

KINS 2227: Exercise Prescription (Online; Fall 2020)

Florida State University Tallahassee, FL

Department of Nutrition, Food, and Exercise Sciences,

Instructor of Record:

PET3323C: Functional Anatomy and Physiology II (Spring 2018)

Teaching Assistant

PET3361: Nutrition & Sports (Fall 2017)

MENTORSHIP EXPERIENCE

Providence College

- Co-Advisor of Healthcare Club (Fall 2023-Present)
- Kathryn Lindquist (Research Assistant)
- Shea Tully (Research Assistant)

Korey Stringer Institute (Spring 2020-2023)

- Responsible for mentoring undergraduate and Master's students
 - Master's Student Mentorship
 - Cecilia Kaufman
 - Lauren Fry
 - Tam Nguyen

- Megan Nye
- Ciara Manning
- Undergraduate Student Mentorship
 - Grissy Sime Mora
 - Perry Schattman
 - Kailey Lockavitch
 - Danielle Earnest
 - Carla Guirguis
 - Casey Bowler
 - Christopher Mattson
 - Gillian Frey
 - Keri Bow
 - Sabrina Addi
 - Tucker Holl

- High School Student Mentorship
 - Jeremy Sprang