Meredith McQuerry, Ph.D.

Florida State University, Jim Moran College of Entrepreneurship
Retail Entrepreneurship Program
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EDUCATION

Ph.D. August 2016	North Carolina State University Major: Textile Technology Management Dissertation: McQuerry, M. (2016). Clothing modifications for heat strain reduction in structural firefighter protective clothing systems. *North Carolina State University.* (p. 1-363).
M.S. December 2013	University of Kentucky Major: Merchandising, Apparel and Textiles (Textile Science) Thesis: Cinnamon, M. (2013). Post use analysis of firefighter turnout gear: phase III. *University of Kentucky.* (p. 1-202).
B.S. May 2012	University of Kentucky Major: Merchandising, Apparel and Textiles
B.S. May 2012	University of Kentucky Major: Career and Technical Education (Family and Consumer Sciences)

EXPERIENCE

Fall 2021-Present	**Associate Professor, Tenured** Retail Entrepreneurship Jim Moran College of Entrepreneurship Florida State University, Tallahassee, FL
Spring 2020-Present	**Director, ThermaNOLE Comfort Lab®** Jim Moran College of Entrepreneurship Florida State University, Tallahassee, FL
Fall 2018-Present	**Affiliate Faculty, Institute of Sports Sciences and Medicine** College of Health and Human Sciences Florida State University, Tallahassee, FL
Fall 2016-Present	**Director, Textile Testing Laboratory** Jim Moran College of Entrepreneurship Florida State University, Tallahassee, FL
Fall 2018-Fall 2021	**Assistant Professor, Tenure-Track** Retail Entrepreneurship

	Jim Moran School/College of Entrepreneurship Florida State University, Tallahassee, FL
Fall 2016-Fall 2018	**Assistant Professor, Tenure-Track** Retail, Merchandising, and Product Development Department College of Human Sciences Florida State University, Tallahassee, FL
Spring 2014- Summer 2016	**Graduate Research Assistant, Full-Time (12 month)** Textile Protection and Comfort Center (TPACC) North Carolina State University, Raleigh, NC
Fall 2015- Spring 2016	**Adjunct Professor** Human Environmental Sciences Department Meredith College, Raleigh, NC
Fall 2013	**Primary Instructor/Graduate Teaching Assistant** Retailing, Tourism and Management Department University of Kentucky, Lexington, KY
Spring 2010- Fall 2013	**Research Assistant/Lab Supervisor, Full-Time (12 month),** Textile Testing Laboratory University of Kentucky, Lexington, KY

RESEARCH

CONTRACTS & GRANTS: (Total Funding Received: $3,605,310)
**undergraduate or *graduate student co-authorship

External Contracts & Grants Funded: (Total Received: $2,693,106)

Federal Grant Awards:

McQuerry, M. (PI) & Kwon, C. (Co-PI). (9/20/20123-9/19/2026). Development of Novel Personal Protective Clothing Designs for Structural and Wildland Female Firefighters. *Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA), FY 2022 Assistance to Firefighters Grant Program.* **(Total: $1,539,374; McQuerry: $1,124,654).**

McQuerry, M. (PI) & Kwon, C. (Co-PI). (9/18/2019-12/17/2022). Investigation of design, comfort, and mobility issues for female firefighter personal protective clothing. *Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA), FY 2018 Assistance to Firefighters Grant Program.* **(Total: $403,632; McQuerry: $281,073).**

McQuerry, M. (PI) (2022-2024). Physiological Performance Analysis of Heated Garments for Warfighters under Arctic Conditions. *Congressionally Directed Funding (Army).* **($180,890)**.

Federal Contract Awards:

McQuerry, M. (PI) (7/1/2022-7/1/2023). Dynamic Heat Flux Analysis of Heated Garments for Warfighters under Arctic Conditions. *U.S. Army Medical Research Institute of Environmental Medicine (USARIEM).* **($61,500).**

Private Industry Grant Awards:

McQuerry, M. (PI) (7/1/2020-7/31/2022). Wear assessment of novel mask for COVID-19 and other illness prevention. *Ascend Performance Materials Face Covering Research Grant Program.* (**$34,814**).

McQuerry, M. (PI) & Whalen, J. (Co-PI) (5/1/2021-8/1/2021). Magnetic compliance testing for structural firefighter turnout gear in relation to internal cardiac devices. *Lion Apparel Firefighter Turnout Research Grant Program.* (**Total: $15,391; McQuerry: $12,511**).

McQuerry, M. (PI), Schofield, S. (Co-PI), & Ormsbee, M. (Co-PI) (1/2019-12/2023). Development of a new turnout suit design for reduced heat stress and physiological strain. *Fire-Dex Firefighter Research Grant Program.* RF03023. (**Total: $145,723; McQuerry: $120,723**).

McQuerry, M. (PI), Whalen, J. (Co-PI), & Siegrist, T. (Co-PI) (3/2018-6/2018). Magnetic compliance testing for pace makers. *Lion Apparel Firefighter Turnout Research Grant Program.* RF02933. (**McQuerry: $5,500**).

McQuerry, M. (PI) & Ormsbee, M. (Co-PI). (2/2018-12/2019). Physiological comfort assessment of a novel lightweight turnout composite. *Fire-Dex Firefighter Research Grant Program.* RF02919. (**Total: $149,964; McQuerry: $137,530**).

McQuerry, M. (PI), Schofield S. (Co-PI), Ormsbee, M. (Faculty Investigator). (1/2017-12/2023). Development of novel turnout suit pattern for improved mobility and comfort. *Lion Apparel Firefighter Turnout Research Grant Program.* RF02824. (**Total: $94,603; McQuerry: $79,145**).

Educational Grant Awards:

McQuerry, M. (PI) (1/1/2023-12/31/2023). Enhancing apparel product development: A survey and analysis of cotton performance technologies. *2023 Cotton Incorporated Cotton in the Curriculum Program.* (**$32,471**).

Easter, E. (PI) & **McQuerry, M. (Co-PI)** (1/1/2020-6/1/2020). Product development and evaluation of TOUGH COTTON technology. *2020 Cotton Incorporated Cotton in the Curriculum Program.* (**Total: $20,294; McQuerry: $10,147**).

Student-Focused Research Grant Awards:

Poley-Bogan, M.* (PI). & **McQuerry, M. (Co-PI).** (1/1/2023-12/21/2023). Analysis of thermal comfort cooling mechanisms to combat heat stress in the construction industry. *AATCC Student Research Foundation Grant Program.* **Faculty Advisor** (**$550**).

Maya, I.** (PI) & **McQuerry, M. (Co-PI)** (1/1/2021-12/31/2021). Analysis of physiological effects of compression gear on American college and pro-level football athletes. *AATCC Foundation Student Research Support Grant Program.* (**$500**).

Riedy, R.** (PI) & **McQuerry, M. (Co-PI)** (01/01/2020-12/31/2021). Analysis of the total heat loss and thermal comfort of motorsports racing suits. *AATCC Foundation Student Research Support Grant Program.* (**$600**).

McQuerry, M. (PI). (8/2017-8/2018). Evaluation of the performance of station wear while worn with an NFPA 1971 protective ensemble. *National Fire Protection Association Fire Protection Research Foundation.* RF02875. (**$5,000**).

Hogans, K.* (PI). & **McQuerry, M. (Co-PI).** (1/2017-1/2018). Assessment of laser perforated athletic uniforms for improved thermal comfort and human performance. *ASTM Student Project Grant Program.* **Faculty Advisor.** (**$500**).

McQuerry, M (PI). (1/1/2016-12/31/2016). Heat transfer model for validation of a heat loss test method in isothermal conditions. *ASTM Student Project Grant Program.* (**$500**).

McQuerry, M (PI). (1/1/2016-12/31/2016). Heat transfer model for validation of a heat loss test method in isothermal conditions. *AATCC Foundation Student Research Support.* (**$800**).

McQuerry, M (PI). (1/1/2015-12/31/2015). Evaluating localized ventilation of firefighter turnout gear: a validation between test methods. *AATCC Foundation Student Research Support*. (**$500**).

External Grants Denied:

Freeman, C., Black, C., Burch, R., Ball, J., Gurbuz, A., Harish, C., & **McQuerry, M.** (2022). Saving Lives in the Water - Development of a Wearable Buoyancy Product for Commercial and Sport Fishermen for use in Occupational Activities. *National Science Foundation Partnerships for Innovation: Building Innovation – Technology Translations.* (**$249,512**).

Freeman, C., Black, C., Burch, R., Ball, J., Gurbuz, A., Harish, C., & **McQuerry, M.** (2021). Smart Fishing Shirt: Innovation of a Flotation Fishing Shirt that Provides Buoyancy and Tracking During Falls Overboard. *National Science Foundation Partnerships for Innovation: Building Innovation – Technology Translations.* (**$249,512**).

Catanzaro, J., **McQuerry, M.**, Whalen, J., Batich, C, & Settles, A. (2021). Attenuation of magnetic fields to protect patients with cardiac implantable electronic devices (CIEDs). *UF-FSU CTSA Pilot Project Award.* **($24,180).**

Easter, E. & **McQuerry, M.** (2019). Product development and evaluation of TOUGH COTTON technology. *2018 Cotton Incorporated Cotton in the Curriculum Program.* (**$18,678**).

McQuerry, M. (PI) & Kwon, C. (Co-PI). (8/1/2018-7/31/2019). Investigation of design, comfort, and mobility issues for female firefighter personal protective clothing. *Department of*

Homeland Security (DHS), Federal Emergency Management Agency (FEMA), FY 2017 Assistance to Firefighters Grant Program. **($231,487).**

McQuerry, M. (PI), Mills, R. (Co-PI), Martinez, F. (Co-PI). (8/1/2018-7/31/2020). Body armor integration for ballistic, slash, and stab protection in structural firefighting and emergency medical service applications. *Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA), FY 2017 Assistance to Firefighters Grant Program.* **($1,195,487).**

McQuerry, M. (PI). (10/1/2017-10/31/2019). Body armor integration for ballistic, slash, and stab protection in structural firefighting and emergency medical service applications. *Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA), FY 2016 Assistance to Firefighters Grant Program.* **($991,151).**

McQuerry, M. (PI), Jur, J. (Co-PI), Dulebenets, M. (Co-PI). (6/1/2017-5/31/2017). Integrated wearable technology communication system: technical basis for designing a multifaceted advanced sensor platform for wildland firefighters. *NIST Public Safety Innovation Accelerator Program.* (**$1,025,597**).

Internal Grants Funded: (Total Received: $912,204)

Internal Research Grants:

McQuerry, M. (2023). Robert B. Bradley Library Research Grant. *Florida State University.* (**$5,251**).

McQuerry, M. (2023). Materials Research Grant. *Undergraduate Research Opportunity Program, Florida State University.* (**$1,000**).

McQuerry, M. (2022). Materials Research Grant. *Undergraduate Research Opportunity Program, Florida State University.* (**$1,000**).

Maya, I.** & **McQuerry, M.** (05/2021-08/2021). Analysis of physiological effects of compression gear on America college and pro-level athletes. *2021 Phi Eta Sigma Undergraduate Research Award* (*IDEA Grant), Center for Undergraduate Research and Academic Engagement (CER), Florida State University.* (**$2,000**).

McQuerry, M. (2020). Materials Research Grant. *Undergraduate Research Opportunity Program, Florida State University.* (**$1,000**).

McQuerry, M. (2019). Anthropometric study of firefighters: three dimensional body scanning of female body, hands, and feet. *Small Grants Program, Florida State University, Council on Research and Creativity (CRC).* (**$2,818**).

McQuerry, M. & Love, N.** (2019). Materials Research Grant. *Undergraduate Research Opportunity Program, Florida State University.* (**$500**).

McQuerry, M. (5/7/18-8/6/18). Summer Research Grant Program. *Jim Moran School of Entrepreneurship, Florida State University.* (**$10,000**).

Cao, A.** & **McQuerry, M.** (05/2018-08/2018). Ability of surgical gowns to meet industry standards concerning impact penetration and hydrostatic pressure at new and after laundering. *2018 ACC Creativity and Innovation Fellowship* (*IDEA Grant), Center for Undergraduate Research and Academic Engagement (CER), Florida State University.* (**$4,000**).

McQuerry, M., Riedy, R.**, Beltran, G.**, Glynn, C.**, & Cunanan, H.** (2018). Materials Research Grant. *Undergraduate Research Opportunity Program, Florida State University.* (**$643**).

McQuerry, M. (5/8/17-8/4/17). Assessment of female firefighter user needs for improved fit and ergonomics. *First Year Assistant Professor Grant Program, Florida State University.* (**$20,000**).

Internal Equipment Grants:

Ridgway, J. and **McQuerry, M.** (2021). Body scanning technology: a changing retail environment calls for innovative approaches to product development and in-store experiences. *Student Technology Fees Grant, Florida State University.* (**$28,350**).

McQuerry, M. (2021) Acquisition of Textile Testing Equipment and Lab Renovations. *Florida State University, Office of the Provost.* (**$80,000**).

Hallinan, D., **McQuerry, M.**, & Dickens, T. (2021). Acquisition of a versatile thermal conductivity measurement instrument. *Equipment and Infrastructure Enhancement Grant, Florida State University.* (**$51,939**).

McQuerry, M. (2019) Acquisition of Sweating Thermal Manikin Instrumentation. *Florida State University, Office of the Provost.* (**$589,925**).

McQuerry, M., Hao, A., & Walsh, R. (2018). Acquisition of a tensile testing instrument for textile strength and durability assessment. *Equipment and Infrastructure Enhancement Grant, Florida State University.* (**$46,479**).

Internal Teaching Grants:

McQuerry, M., Hackett, T., & Lopez, R. (2022). Jim Moran College Textile Lab Technology Enhancement. *Student Technology Fees Grant, Florida State University.* (**$16,349**).

McQuerry, M. & Zilavy, E. (2019). Textile Lab Equipment Acquisition. *Student Technology Fees Grant, Florida State University.* (funded: **$9,200**; submitted: **$34,448**).

McQuerry, M., Kukas, J., Cooper, A. (1/1/2018-12/31/2018). Textile Lab Equipment Enhancement. *Student Technology Fees Grant, Florida State University.* (**$40,000**).

Internal Travel Grants:

McQuerry, M. (2023). Faculty Travel Grant. *Florida State University.* (**$1,000**).

McQuerry, M. (2022). Faculty Travel Grant. *Florida State University.* (**$1,000**).

McQuerry, M. (2019). Faculty Travel Grant. *Florida State University.* (**$1,000**).

McQuerry, M. (2018). Faculty Travel Grant. *Florida State University.* (**$1,000**).

McQuerry, M. (03/2018). WDC39 Multistate Research Group Meeting. *Funding Agency Travel Grant Program, Florida State University.* (**$1,000**).

McQuerry, M. (2017). Faculty Travel Grant. *Florida State University.* **($750).**

McQuerry, M. (2016). Faculty Travel Grant. *Florida State University.* (**$1,500**).

Internal Grants Pending:

McQuerry, M. (2023). Faculty Travel Grant. *Florida State University.* (**$1,000**).

TESTING SERVICE FEES:

11/2018-12/2018 Textile Testing Auxiliary, Service for Fees Contracts, **($300)**

01/2019-12/2019 Textile Testing Auxiliary, Service for Fees Contracts, **($2,355)**

01/2020-12/2020 Textile Testing Auxiliary, Service for Fees Contracts, **($3,410)**

01/2021-12/2021 Textile Testing Auxiliary, Service for Fees Contracts, **($9,570)**

01/2022-12/2022 Textile Testing Auxiliary, Service for Fees Contracts **($13,585)**

01/2023-Present Textile Testing Auxiliary, Service for Fees Contracts **($100,000, expected)**

PUBLICATIONS:

*graduate or **undergraduate student co-authorship

Invited Refereed Journal Articles:

McQuerry, M. & Schofield, S. (2023). Structural firefighter personal protective clothing user needs in the US: a mobility perspective. *Emergency Management Science and Technology.* 3(15), 1-9, DOI: 10.48130/EMST-2023-0015

McQuerry, M., Kwon, C., & Poley-Bogan, M. (2023). Female firefighters' increased risk of occupational exposure due to ill-fitting personal protective clothing. *Frontiers in Materials*

Polymeric and Composite Materials; Special Issue: Challenges and Emerging Issues on Firefighter's Toxic Chemical Exposure: Smoke Chemicals, Contaminated PPE, and Off-gassing. 10, 1-10, DOI: 10.3389/fmats.2023.1175559 (Impact: 3.985)

McQuerry, M. & Nixon, V.* (2021). Thermal comfort and performance evaluation of high-end versus popular dupe athleticwear leggings. *Journal of Textile Science and Fashion Technology,* 9(1), 1-7, DOI: 10.33552/JTSFT.2021.09.000703 (Impact: 0.549)

McQuerry, M. (2020). Wildland firefighting and wearable technology: a review. *Journal of Textile Engineering Fashion Technology,* 1(2), 1-5.

McQuerry, M. (2019). A review of ballistic, slash, and stab protection for integration in first responder personal protective clothing. *Journal of Textile Science and Fashion Technology,* 2(1), 1-5, DOI: 10.33552/JTSFT.2019.02.000527 (Impact: 0.357)

Refereed Journal Articles:

Riedy, R., **McQuerry, M.**, & Schofield, S. (submitted). Relationship between firefighter protective clothing design ease and heat stress. *International Journal of Clothing Science and Technology.* (19 pages).

Riedy, R., Maya, I., & **McQuerry, M.** (in revision). Analysis of physiological effects of compression gear on American college and pro-level football athletes. *AATCC Journal of Research.* (23 pages).

McQuerry, M. & Dodson, A. (in revision). An antimicrobial zinc ion fiber for COVID-19 prevention in nonwoven face coverings for healthcare settings. *Journal of Occupational and Environmental Hygiene.* (20 pages).

Zong, W., Elangovan, T., **McQuerry, M.**, Poley-Bogan, M., Simonson, N., Park, H. (in revision). Survival jacket design for homeless. *Clothing and Textile Research Journal.* (30 pages)

McQuerry, M. & Grzywacz, J.G. (2023). Thermal comfort assessment of active cooling technology for agricultural end use: a field study. *Journal of Textile Engineering & Fashion Technology,* 9(1), 14-19, DOI: 10.15406/jteft.2023.09.00327

Riedy, R. & **McQuerry, M.** (2023). Thermal comfort analysis of auto-racing suits using a sweating thermal manikin. *Journal of Industrial Textiles*, 53, 1-16, DOI: 10.1177/15280837221150649 (Impact 2.926)

Sokolowski, S., Marks, M., Park, H., Griffin, L., & **McQuerry, M.**, (2022). Visual, volumetric and anthropometric measurements comparisons between boot interior and 3d foot scans to improve firefighters safety. *Interdisciplinary Practice in Industrial Design, AHFE International,* 48, 91-99, DOI: 10.54941/ahfe1002020 (Impact: 1.49)

Jo, J.*, Sokolowski, S., **McQuerry, M.**, Griffin, L. & Park, H. (2022). Firefighters' feet: differences by sex and weight-bearing. *Applied Ergonomics,* 102, DOI: 10.1016/j.apergo.2022.103753 (Impact: 4.17)

McQuerry, M. & Easter, E. (2022). Wildland firefighting personal protective clothing cleaning practices in the United States. *Fire Technology*, 58(3), 1667-1688, DOI: 10.1007/s10694-021-01212-z (Impact 2.239) **[Editor's Choice Best Paper Award, Fire Technology Journal]**

Morrissey, M., Casa, D., Brewer, G., Adams, W., Hosokawa, Y., Benjamin, C., Grundstein, A., Hostler, D., McDermott, B., **McQuerry, M.**, Stearns, R., Filep, E., DeGroot, D., Fulcher, J., Flouris, A., Jacklitsch, B., Jardine, J., Lopez, R., McCarthy, R., Pitisladis, Y., Pryor, R., Schlader, Z., Smith, C., Smith, D., Spector, J., Vanos, J., Williams, W.J., Vargas, N., & Yeargin, S. (2021). Heat safety in the workplace: modified delphi consensus to establish strategies and resources at the organizational level to protect U.S. workers. *GeoHealth,* 5(8), 1-32, DOI: 10.1029/2021GH000443 (Impact: 4.53)

McQuerry, M., Easter, E., & Cao, A. (2021). Disposable versus reusable medical gowns: a performance comparison. *American Journal of Infection Control,* 49(5), 563-570, DOI: 10.1016/j.ajic.2020.10.013 (Impact 2.294)

Riedy, R. & **McQuerry, M.** (2021). Serviceability assessment of a printed finish on t-shirts. *AATCC Journal of Research,* 8(2), 48-53, DOI: 10.14504/ajr.8.2.6 (Impact: 1.127)

Riedy, R. & **McQuerry, M.** (2020). Development of a phase change material (PCM) measurement methodology for fabric surface quantification. *Journal of Textile and Apparel, Technology and Management,* 11(4), 1-11.

McQuerry, M., Morrissey, M.*, Kisiolek, J.*, Gipson, S.*, & Ormsbee, M. (2020). Effect of a lightweight structural firefighter turnout composite on physiological comfort. *Performance of Protective Clothing and Equipment: 11th Volume, Innovative Solutions to Evolving Challenges, ASTM STP1624,* pp.176-203, DOI:10.1520/STP162420190083

McQuerry, M. (2020). A survey of structural firefighter station wear in the United States. *Fire Technology,* 56(3), 1287-1313, DOI: 10.1007/s10694-019-00930-9 (Impact 2.239)

McQuerry, M. (2020). Effect of structural turnout suit fit on female versus male firefighter range of motion. *Applied Ergonomics,* 82, DOI: 10.1016/j.apergo.2019.102974 (Impact: 2.610)

McQuerry, M., Kwon, C, & Johnson, H**. (2019). A critical review of female firefighter protective clothing and equipment workplace challenges. *Research Journal of Textile and Apparel,* 23(2), 94-110, DOI: 10.1108/RJTA-01-2019-0002 (Impact: 0.860)

McQuerry, M., DenHartog, E., & Barker, R. (2018). Analysis of air gap volume in structural firefighter turnout constructions in relation to heat loss. *Textile Research Journal*, 88(21), 2475-2484, DOI: 10.1177/0040517517723024 (Impact: 1.443)

McQuerry, M., DenHartog, E., & Barker, R. (2018). Impact of reinforcements on heat stress in structural firefighter turnout suits. *Journal of the Textile Institute,* 109(10), 1367-1373, DOI: 10.1080/00405000.2018.1423881 (Impact: 1.007)

McQuerry, M. & Hogans, K.* (2018). Assessment of ventilated athletic uniforms for improved thermal comfort. *AATCC Journal of Research,* 5(5), 1-8, DOI: 10.14504/ajr.5.5.1 (Impact: 0.740)

McQuerry, M., Barker, R., & DenHartog, E. (2018). Functional design of structural firefighter turnout suits for improved thermal comfort: thermal manikin and physiological modeling evaluation. *Clothing and Textiles Research Journal,* 36(3), 165-179, DOI: 10.1177/0887302X18757348 (Impact: 0.850)

McQuerry, M., Barker, R., & DenHartog, E. (2018). Relationship between novel design modifications and heat stress relief in structural firefighters' protective clothing. *Applied Ergonomics,* 70, 260-268, DOI: 10.1016/j.apergo.2018.03.004 (Impact: 2.610)

McQuerry, M. (2018). Validation of a clothing heat transfer model in non-isothermal test conditions. *Journal of Testing and Evaluation,* 46(1), 1-7, DOI: 10.1520/JTE20170073 (Impact: 0.669)

McQuerry, M., DenHartog, E., & Barker, R. (2017). Effect of self-contained breathing apparatus (SCBA) on heat loss in structural firefighter turnout suits. *AATCC Journal of Research,* 4(5), 1-5, DOI: 10.14504/ajr.4.5.1. (Impact: 0.167)

McQuerry, M., DenHartog, E., & Barker, R. (2017). Evaluating turnout composite layering strategies for reducing thermal burden in structural firefighter protective clothing systems. *Textile Research Journal.* 87(10), 1217-1225, DOI: 10.1177/0040517516651101. (Impact: 1.443)

McQuerry, M., Barker, R., DenHartog, E., & Hummel, A. (2016). Alternative methodologies for determining the impact of clothing ventilation in structural firefighter turnout suits. *Performance of Protective Clothing and Equipment: 10th Volume, Risk Reduction through Research and Testing, ASTM STP1593,* pp. 313-330, DOI: 10.1520/STP159320160003. (Impact: 0.370)

McQuerry, M., DenHartog, E., & Barker, R. (2016). Garment ventilation strategies for improving heat loss in structural firefighter clothing ensembles. *AATCC Journal of Research,* 3(3), 9-14, DOI: 10.14504/ajr.3.3.2. **[AATCC J. W. Weaver Paper of the Year Award]** (Impact: 0.167)

McQuerry, M., DenHartog, E., Barker, R., & Ross, K. (2016). A review of garment ventilation strategies for structural firefighter protective clothing. *Textile Research Journal,* 86(7), 727-742, DOI: 10.1177/0040517515595029. (Impact: 1.443)

McQuerry, M., Klausing, S., Cotterill, D., & Easter, E. (2015). A post-use evaluation of turnout gear using NFPA 1971 standard on protective ensembles for structural fire fighting and NFPA

1851 on selection, care and maintenance. *Fire Technology,* 51(5), 1149-1166, DOI: 10.1007/s10694-014-0446-x. (Impact: 1.471)

Juried Exhibitions:

Schofield, S. & **McQuerry, M.** (contracted; 2019). *Functional Performance* [Juried Exhibition]. Professional Category, Las Vegas, NV: International Textile and Apparel Association. (51% acceptance).

Trade Magazine Articles:

(Invited) **McQuerry, M.** & Kwon, C. (2023). Personal protective clothing inequities for female structural and wildland firefighters. *Fire Engineering PPE Supplement.* 16-17.

McQuerry, M., Barker, R., Hummel, A., Deaton, S. (2015). The cost of a pocket: how additional reinforcements impact THL & TPP. *Fire Engineering.* 168 (12), 78-79.

Invited Conference Papers/Presentations:

McQuerry, M., Schofield, S., Ormsbee, M.J., Renteria, L.I., Poley-Bogan, M., Griest, T.D., Wilson, R., Livin, L., Cross, B., & Paterson, K. (2023). Ergonomic assessment of structural firefighter turnout suit designs for improved mobility. *Human Factors and Ergonomic Society 67th Annual Meeting and Exhibition.* Washington, D.C.

McQuerry, M. (2016). PINTEREST: The fashionista's study tool. *International Textile and Apparel Association (ITAA) Teaching Collection.* https://itaaonline.org/page/RTCwinners

McQuerry, M. (2015). Post-use analysis of firefighter turnout gear: phases I, II, & III. *ASTM F23.80 Subcommittee on Flame and Thermal Hazards.* New Orleans, LA. **[Received ASTM student paper competition First Place Award]**

Published Reports:

Xu, X., **McQuerry, M.**, Poley-Bogan, M., Rioux, T., Gonzalez, J., & Hoyt, R. (2023). Thermal properties of three cold weather ensembles and an unpowered heated base layer ensemble. *U.S. Army Research Institute of Environmental Medicine (USARIEM) Technical Report T23-004* https://discover.dtic.mil/

McQuerry, M., Riedy, R.**, & Garringer, B.** (2018). Evaluation of the performance of station wear worn under a NFPA 1971 structural firefighter protective ensemble. *National Fire Protection Association (NFPA) Fire Protection Research Foundation (FPRF).* https://www.nfpa.org//-/media/Files/News-and-Research/Resources/Research-Foundation/Research-Foundation-reports/For-emergency-responders/RFStationWearPerformance.pdf

McQuerry, M. (2016). Heat transfer model for validation of a heat loss test method in non-isothermal conditions. *American Society for Testing and Materials (ASTM) International.* https://www.astm.org/studentmember/grants.html

Published Abstracts:

McQuerry, M. (3/2017). Heat transfer model for validation of a heat loss test method in non-isothermal conditions. *AATCC Review,* 17(2), p.27.

Invited Conference & Symposia Presentations:

McQuerry, M. & Kwon, C. (8/23/23). Women in the fire service and the female PPE study. *International Association of Fire Fighters Redmond Health and Safety Symposium.* New York City, New York.

Kwon, C. & **McQuerry, M.** (1/12/22). Investigation of design, comfort, and mobility issues for female firefighter personal protective clothing. *International Association of Fire Fighters Affiliate Leadership Training Summit.* Lake Buena Vista, FL. [could not attend due to COVID]

McQuerry, M. & Easter, E. (4/29/21). U.S. firefighter PPE cleaning survey. *NFPA 1877 Task Group, National Fire Protection Association.* Virtual [due to COVID].

McQuerry, M. (2/28/2020). Heat stress in structural firefighter turnout gear. *2020 National Firefighter Cancer Symposium, University of Miami, Sylvester Comprehensive Cancer Center.* Miami, FL.

McQuerry, M. (10/18/2019). Clothing comfort physiology: the intersection of textiles and human performance. *HEATT Innovation Technology Summit, University of Connecticut, Korey Stringer Institute.* Storrs, CT.

Cao, A.** & **McQuerry, M.** (10/1/2018). Ability of surgical gowns to meet industry standards concerning impact penetration and hydrostatic pressure. *Florida State University 2018 President's Showcase.* Tallahassee, FL.

McQuerry, M. (4/26/2017). Revolutionary turnout suit designs for the modern firefighter. *Fire Department Instructor's Conference; Innotex.* Indianapolis, IN.

McQuerry, M. (11/9/2016). PINTEREST: The Fashionista's Study Tool. *2016 International Textile and Apparel Association Conference.* Vancouver, Canada. **[Received ITAA Rutherford Teaching Challenge Third Place Award]**

Refereed Papers/Abstracts/Presentations Published in Conference Proceedings:

McQuerry, M. (submitted for presentation March 2024). Impact of PPE Design on Heat Stress: Optimizing ease and air gaps in structural firefighting turnout gear. *2024 Fire Industry Education Resource Organization (FIERO) PPE Symposium.* Greenville, SC.

McQuerry, M. & Kwon, C. (submitted for presentation March 2024). U.S. women versus women in the U.S. fire service: Are female firefighters anthropometrically different from the general U.S. female population? *2024 Fire Industry Education Resource Organization (FIERO) PPE Symposium.* Greenville, SC.

McQuerry, M., Schofield, S., & Riedy, R. (accepted for presentation December 2023). Evaluating engineered ease in structural firefighting protective clothing and its impact on wearer heat loss. *14th Applied Human Factors and Ergonomics (AHFE) International Conference on Human Factors in Design, Engineering, and Computing for All*. Hawaii, USA.

Riedy, R., **McQuerry, M.**, & Schofield, S. (November 2023). Relationship between structural firefighter protective clothing ease and heat loss. *International Textile and Apparel Association Conference.* Baltimore, MD.

Riedy, R., Maya, I., & **McQuerry, M.** (November 2023). Analysis of physiological effects of compression gear on American college and pro-level football athletes. *International Textile and Apparel Association Conference.* Baltimore, MD.

McQuerry, M. & Kwon, C. (May 2023). Evaluating female firefighter anthropometrics for improved mobility and design in personal protective clothing for the United States fire service. *10th European Conference on Protective Clothing (ECPC).* Arnhem, the Netherlands.

McQuerry, M. & Kwon, C. (March 2023). Outfitting Female Firefighters: Why female specific personal protective clothing is important for the fire service. 8*th Biennial Fire Industry Education Resource Organization (FIERO) PPE Symposium.* Greenville, SC.

McQuerry, M. & Easter, E. (November 2022). Wildland firefighting personal protective clothing cleaning practices in the United States. *4th Global Summit on Future Materials Science and Research.* Las Vegas, NV (virtual).

Riedy, R. & **McQuerry, M.** (October 2022). Analyzing the heat loss of motorsports racing suits. *International Textile and Apparel Association Conference.* Denver, CO.

Zong, W., Elangovan, T., **McQuerry, M.**, Poley-Bogan M., Simonson, N., & Park, H. (October 2022). Recycled tent converted to a survival jacket for homeless people. *International Textile and Apparel Association Conference.* Denver, CO.

Sokolowski, S., Marks, M., Park, H., Griffin, L., & **McQuerry, M.**, (July 2022). Visual, volumetric and anthropometric measurements comparisons between boot interior and 3d foot scans to improve firefighters safety. *13th International Conference on Applied Human Factors and Ergonomics (AHFE 2022).* Manhattan, New York.

McQuerry, M. & Dodson, A. (February 2022). Physiological comfort of first responders when wearing a novel zinc ion face covering for COVID-19 prevention. *University of Florida Clinical and Translational Science Institute 2022 COVID-19 Research Symposium*. [virtual due to COVID]

Jo, J., Zhang, Z., Griffin, L., Sokolowski, S., **McQuerry, M.**, & Park, H. (November 2021). Differences in foot measurement between female and male firefighters. *2021 International Textile and Apparel Association Conference.* [virtual due to COVID]

Kwon, C. & **McQuerry, M.** (May 2021). Investigation of design, comfort, and mobility issues for female firefighter personal protective clothing. *2021 European Conference on Protective Clothing.* Stuttgart, Germany. [presented virtually due to COVID; accepted for presentation in 2020 but cancelled due to COVID]

McQuerry, M. & Kwon, C. (November 2020). Investigation of design, comfort, and mobility issues for female firefighter personal protective clothing. *2020 State of Science: Research on Women in the Fire Service.* [Virtual due to COVID]

McQuerry, M. (March 2020). Using three-dimensional body scanning to investigate the ergonomic fit of personal protective clothing for female firefighters. *2020 Proceedings of AATCC International Conference.* Greenville, SC.

McQuerry, M. & Garringer, B.** (October 2019). Implementing community-based service learning in the textiles classroom: Blue Jeans Go Green™ denim sustainability project. *2019 International Textile and Apparel Association Conference.* Las Vegas, NV.

Riedy, R.** & **McQuerry, M.** (October 2019). Development of a phase change material (PCM) measurement methodology for fabric surface quantification. *2019 International Textile and Apparel Association Conference.* Las Vegas, NV.

Schofield, S. & **McQuerry, M.** (October 2019). Negotiating different perspectives: one end goal. *2019 International Textile and Apparel Association Conference.* Las Vegas, NV.

McQuerry, M., Ormsbee, M., Morrissey, M.*, & Kisiolek, J.* (June 2019). Effect of a lightweight structural firefighter turnout composite on physiological comfort. *11th Symposium on Performance of Protective Clothing and Equipment*. Denver, CO.

McQuerry, M., Ormsbee, M., Morrissey, M.*, Kisiolek, J.*, & Dudar, M.* (April 2019). Effect of novel lightweight material innovations on the physiological comfort of structural firefighters. *2019 Proceedings of AATCC International Conference.* Fort Worth, TX.

McQuerry, M. & Metz, J. (March 2019). Station wear selection, use, and design in the U.S. fire service. *6th Biennial Fire Industry Education Resource Organization (FIERO) PPE Symposium.* Raleigh, NC.

McQuerry, M., Brownstein, N., Grzywacz, J., & Chavez, A.** (November 2018). Thermal comfort performance of active cooling t-shirt in agricultural protective clothing. *2018 International Textile and Apparel Association Conference.* Cleveland, OH.

McQuerry, M. & Hogans, K*. (March 2018). Assessment of ventilated athletic uniforms for improved thermal comfort and human performance. *2018 Proceedings of AATCC International Conference.* Greenville, SC.

McQuerry, M., Barker, R., DenHartog, E. (March 2017). Revolutionizing structural firefighter protective clothing systems for improved physiological comfort. *2017 Proceedings of AATCC International Conference*, 501-512. Wilmington, NC.

McQuerry, M. (March 2017). Revolutionary turnout suit designs for the modern firefighter. *5th Biennial Fire Industry Education Resource Organization (FIERO) PPE Symposium.* Raleigh, NC.

McQuerry, M., DenHartog, E., Barker, R. (November 2016) Functional design of structural firefighter clothing systems for improved comfort. *2016 International Textile and Apparel Association Conference.* Vancouver, British Columbia, Canada.

McQuerry, M., DenHartog, E., Barker, R. (July 2016). Clothing modifications for heat strain reduction in structural firefighter protective clothing systems. *9th Textile Bioengineering and Informatics Symposium.* Melbourne, Australia.

McQuerry, M., Barker, R., DenHartog, E., Hummel, A. (January 2016). Testing methodologies to evaluate garment ventilation in structural firefighter turnouts for heat loss improvement. *10th Symposium on Performance of Protective Clothing and Equipment*. San Antonio, TX.

McQuerry, M., Barker, R., DenHartog, E. (November 2015) Evaluation of a modular layering approach for heat loss improvement in structural firefighter turnout garments. *2015 International Textile and Apparel Association Conference.* Santa Fe, New Mexico.

McQuerry, M., Barker, R., DenHartog, E., Ross, K., Deaton, S. (April 2015) Ventilation of firefighter turnout gear: reducing heat stress and improving physiological comfort. *2015 Proceedings of AATCC International Conference,* 546-555. Savannah, GA.

Cinnamon, M., Trenkamp, S., Cotterill, D., Easter, E. (June 2013). Post-use analysis of firefighter turnout gear: phases I, II, & III. *13th International Conference and Exhibition on Fire Science and Engineering,* 1383-1394. Windsor, England.

Cinnamon, M. (April 2013). Post use analysis of firefighter turnout gear: phase III. *2013 Proceedings of AATCC International Conference,* 68-77. Greenville, SC. **[Received Herman & Myrtle Student Paper Competition First Place Award]**

Easter, E.**, Cinnamon, M.**, Baker, E. (April 2013). Assessing the impact of wash water temperature, detergent type, and laundering platform on basic clothing attributes. *2013 Proceedings of AATCC International Conference,* 215-223. Greenville, SC.

Refereed Conference Presentations (not published in conference proceedings):

McQuerry, M. (9/29/2017). Product quality: linking user needs, performance, and durability. *2017 Industrial Fabrics Association International Advanced Textiles Conference.* New Orleans, LA.

Hogans, K*. & **McQuerry, M.** (4/7/2017). Post-use analysis of football uniforms. *Southeastern Graduate Research Consortium.* Athens, GA.

McQuerry, M. (4/14/2014). The revolutionary firefighter suit: advanced garment design. *2014 International Textiles Summit,* Leeds University, Leeds, United Kingdom.

Invited Presentations, Guest Lectures, & Seminars:

McQuerry, M. (2023). Structural firefighter fit and other PPE issues. *PPE Reimagined Council, International Association of Fire Fighters.* Washington, DC. (presented virtually)

McQuerry, M. & Easter, E. (2023). Wildland firefighting personal protective clothing and cleaning practices in California. *State of California Occupational Safety and Health Standards (OSHA) Board, Advisory Committee Meeting.* (virtual).

McQuerry, M. (2023). Textile and Apparel Entrepreneurship Graduate Program Presentation; ThermaNOLE Comfort Lab®. *Dean's Development Council, Jim Moran College of Entrepreneurship.* Tallahassee, FL.

McQuerry, M. & Kwon, C. (2022). The future of women's gear: a comparison of NFPA 1971 and 1977 sizing standards to U.S. female firefighter anthropometrics. *National Fire Protection Association, Fire Protection Research Foundation, 2022 Webinar Series.* (virtual webinar).

McQuerry, M. (2022). Equitable Sizing Standards for Female Firefighter PPE. *Centers for Disease Control (CDC), National Institute for Occupational Safety and Health (NIOSH), National Personal Protective Technology Laboratory (NPPTL), Equitable Personal Protective Equipment (PPE) Protections Workshop.* Invited Presenter/Panelist, (virtual).

McQuerry, M. & Kwon, C. (2022). Investigation of design, comfort, and mobility issues for female firefighter personal protective clothing. *National Fire Protection Association, Fire Protection Research Foundation, Technical Panel.* (virtual).

McQuerry, M. (2022). Thermal Comfort Analysis of Performance Apparel: Using Thermal Manikins and Human Wear Testing. *Cornell University, Graduate Seminar.* Cornell, NY (presented virtually due to COVID-19).

McQuerry, M. (2021). Fire, Fabric, and Fatality: The intersection between clothing and the human body. *Florida State University, Carothers Lecture Series.* Tallahassee, FL.

McQuerry, M. (2021). Female Firefighter PPE Workshop. *International Association of Fire Fighters, Redmond Health and Safety Symposium,* New York City, New York. (*cancelled due to COVID-19).

McQuerry, M. & Kwon, C. (3/30/2020). Investigation of design, comfort, and mobility of female firefighter protective clothing. *National Firefighter Protection Association (NFPA) 1971 Technical Committee on Protective Ensembles for Structural Firefighting.* (via web conferencing; in-person meeting cancelled due to COVID)

Riedy, R.** & **McQuerry, M.** (11/13/2019). Wash life analysis and surface quantification of a phase change material (PCM) finish. *AATCC Concept 2 Consumer Interest Group Meeting.* Raleigh, NC. (presented remotely from Tallahassee, FL)

McQuerry, M. (10/7/2019). Textiles in the healthcare industry. *Mayo Clinic Visit, Jim Moran School of Entrepreneurship, Florida State University.* Tallahassee, FL.

McQuerry, M. (9/17/2019). Textiles, testing, and thermoregulation: A background of FSU's textile research program. *Ascend Performance Materials.* Pensacola, FL.

McQuerry, M. (2/26/2019). Laboratory-based textile testing: technology and tour. *Florida State University, Jim Moran School of Entrepreneurship,* ENT 2624 Enough to be Dangerous: Impact Areas of STEM Commercialization. Tallahassee, FL.

McQuerry, M. (11/30/2018). Textiles curriculum update. *Florida State University, Jim Moran School of Entrepreneurship, Brown Bag Series.* Tallahassee, FL.

McQuerry, M. (1/31/2018). Evaluation of the performance of station wear while worn with a NFPA 1971 protective ensemble. *National Fire Protection Association (NFPA) 1975 Standard Meeting; NFPA Research Foundation.* Orlando, FL.

McQuerry, M. (3/2/2016). Clothing modifications for heat strain reduction in protective clothing systems. *North Carolina State University, College of Textiles, Introduction to Fiber Science Course.* Raleigh, NC.

McQuerry, M. (10/5/2015). Functional design for heat loss improvements in protective clothing. *North Carolina State University, College of Textiles, Introduction to Fiber Science Course.* Raleigh, NC.

McQuerry, M. (9/23/2015). Clothing modifications in structural firefighter protective clothing. *North Carolina State University, College of Textiles, Graduate Student Seminar.* Raleigh, NC.

McQuerry, M. (3/10/2015). The literature review. *Meredith College, Lecture for Family Resource Management Course.* Raleigh, NC.

Invited Blog Posts:

McQuerry, M. (12/6/2017). Disruptive innovation in a traditional industry: wearable tech and the future of firefighter personal protective equipment. *Zansors.* https://www.zansors.com/blog-posts/2017/12/6/disruptive-innovation-in-a-traditional-industry-wearable-tech-and-the-future-of-firefighter-personal-protective-equipment

McQuerry, M. (8/17/2017). Validity of turnout retirement age. *LIONConnects.* http://lionconnects.com/validity-of-turnout-retirement-age/

Refereed Poster Presentations Published in Conference Proceedings:

McQuerry, M. (11/5/2021). Assessment of a novel antimicrobial zinc ion fiber for COVID-19 prevention in nonwoven face coverings for thermal comfort impacts in healthcare settings. *2021 International Textile and Apparel Association Conference.*

McQuerry, M., Riedy, R.**, Garringer, B.**, & Isaac, S.** (10/27/2019). Wash life durability analysis of a printed cooling technology on cotton textiles. *2019 International Textile and Apparel Association Conference.* Las Vegas, NV.

McQuerry, M., Riedy, R.**, & Garringer, B.** (6/6/2019). Investigation of station wear in relation to burn injury in the United States fire service. *11th Symposium on Performance of Protective Clothing and Equipment*. Denver, CO.

McQuerry, M., Cao, A.**, & Easter, E. (4/10/2019). Wash lifespan analysis of surgical gown durability concerning impact penetration and hydrostatic pressure. *2019 Proceedings of AATCC International Conference.* Fort Worth, TX.

Gipson, S.*, **McQuerry, M.**, Morrissey, M.*, Kisiolek, J.*, & Ormsbee, M. (4/4/2019). Firefighter turnout suit weight influences simulated exercise performance. *Masters in Four(4) Competition, Florida State University Graduate School.* Tallahassee, FL.

Gipson, S.*, **McQuerry, M.**, Morrissey, M.*, Kisiolek, J.*, & Ormsbee, M. (2/14/2019). Firefighter turnout suit weight influences simulated exercise performance. *2019 Southeast American College of Sports and Medicine Annual Meeting.* Greenville, SC.

McQuerry, M. (11/8/2018). Investigation of female versus male firefighter anthropometrics and ergonomic mobility. *2018 International Textile and Apparel Association Conference.* Cleveland, OH.

McQuerry, M. (11/8/2018). Wash life analysis of printed cooling technology agricultural work applications. *2018 International Textile and Apparel Association Conference.* Cleveland, OH.

Garringer, B.**, Riedy, R.**, & **McQuerry, M.** (11/8/2018). Analysis of station wear selection worn underneath a structural firefighter turnout ensemble. *2018 International Textile and Apparel Association Conference.* Cleveland, OH.

Riedy, R.**, Garringer, B.**, & **McQuerry, M.** (6/10/2018). Performance of station wear worn under a NFPA 1971 protective ensemble. *2018 National Fire Protection Association Conference and Expo.* Las Vegas, NV.

Riedy, R.**, Beltran, G.**, Glynn, C.**, & **McQuerry, M.** (3/7/2018). Durability analysis of printed cooling technology for agricultural work applications. *2018 International American Association of Textile Colorists and Chemists Conference.* Greenville, SC.

McQuerry, M. (11/10/2017). Investigation of female firefighter fit and ergonomics in structural turnout suits. *2017 International Textile and Apparel Association Conference.* St. Petersburg, FL.

Hogans, K.*, & **McQuerry, M.** (11/10/2017). Assessment of ventilated athletic uniforms for improved thermal comfort and human performance. *2017 International Textile and Apparel Association Conference.* St. Petersburg, FL.

McQuerry, M. & DenHartog, E. (4/20/2016). Evaluating clothing ventilation of firefighter turnout gear: a validation between test methods. *AATCC 2016 International Conference.* Williamsburg, VA.

Non-Refereed Poster Presentations:

Livin, L., Wilson, R., & **McQuerry, M.** (4/6/2023). Turnout gear effect on fire fighters range of motion. *2023 Florida State University Undergraduate Research Symposium.* Tallahassee, FL.

Bernal-Diaz, S., Van Grieken, A., & **McQuerry, M.** (4/6/2023) Evaluation of warfighter PPE in subarctic conditions. *2023 Florida State University Undergraduate Research Symposium.* Tallahassee, FL.

Reding, J. & **McQuerry, M.** (4/6/2023) Relationship between fabric thickness and thermal insulation for upper body outerwear. *2023 Florida State University Undergraduate Research Symposium.* Tallahassee, FL.

Maya, I.** & **McQuerry, M.** (4/9/2020). Development of an ergonomic test protocol for firefighter turnout suit designs. 2*020 Florida State University Undergraduate Research Symposium.* Tallahassee, FL.

Wong, C.** & **McQuerry, M.** (4/9/2020). Review of the Development of Thermal Manikins. 2*020 Florida State University Undergraduate Research Symposium.* Tallahassee, FL.

Love, N.** & **McQuerry, M.** (4/2/2019). 3-Dimensional body scanning of structural firefighters. 2*019 Florida State University Undergraduate Research Symposium.* Tallahassee, FL.

Guo, Y., **McQuerry, M.**, Chavez, A.**, Brownstein, N., Brumback, B., & Grzywacz, J.G. (10/26/2018). Prevention of heat-related illness among immigrant Latino farmworkers: statistical issues. *Southeastern Coastal Center for Agricultural Health and Safety 2018 State of the Science Meeting.* St. Petersburg, FL.

Riedy, R**. & **McQuerry, M.** (4/3/2018). Analysis of moisture properties of printed cooling technology for agricultural work. 2*018 Florida State University Undergraduate Research Symposium.* Tallahassee, FL.

Chavez, A.**, **McQuerry, M.**, Brownstein, N., & Grzywacz, J. (4/3/2018). Printed cooling technology effects on the thermal comfort of agricultural workers. 2*018 Florida State University Undergraduate Research Symposium.* Tallahassee, FL.

Glynn, C.**, & **McQuerry, M.** (4/3/2018). Active cooling printed t-shirt durability. 2*018 Florida State University Undergraduate Research Symposium.* Tallahassee, FL.

Cunanan, H.** & **McQuerry, M.** (4/3/2018). The correlation between visual assessment and spectrophotometery in athletic t-shirts. 2*018 Florida State University Undergraduate Research Symposium.* Tallahassee, FL.

Beltran, G.**, **McQuerry, M.** (4/3/2018). Durability of printed cooling technology t-shirt. 2*018 Florida State University Undergraduate Research Symposium.* Tallahassee, FL.

McQuerry, M. (9/21/17). Assessment of female firefighter user needs for improved fit and ergonomics. *2017 Florida State University First Year Assistant Professor Workshop.* Tallahassee, FL.

Hogans, K.* & **McQuerry, M.** (3/8/2017). Post-use analysis of ventilated football uniforms. 2017 *College of Human Sciences Research and Creativity Day.* Tallahassee, FL.

McQuerry, M. (3/23/2016). Clothing design modifications for heat loss improvement in structural firefighter protective clothing. *11th Annual NC State University Graduate Student Research Symposium.* (nominated by Associate Dean for Academic Programs to represent College of Textiles doctoral programs)

McQuerry, M., Hernandez, J.**, Atkins, A.**, Francis, A.**, Dean, B.** (10/17/2015). Measurements of ventilation in turnout suits using tracer gas method. *North Carolina State University, College of Textiles, Open House.*

Published Book Reviews:

McQuerry, M. (10/2016). Book review of "Textiles and human thermophysiological comfort in the indoor environment," by Dr. Radostina Angelova. *International Textile and Apparel Association Newsletter.* 39 (5), 1-2.

Press Releases:

Blackwell, M. (10/6/2023). FSU's Jim Moran College of Entrepreneurship honors pair of researchers with named professorship. *Florida State University News.* https://news.fsu.edu/news/university-news/2023/10/06/fsus-jim-moran-college-of-entrepreneurship-honors-pair-of-researchers-with-named-professorship/

Patterson, S. (10/1/2023). FSU VP: How Florida State University's research is shaping our everyday lives. *Tallahassee Democrat & Yahoo News.* https://news.yahoo.com/fsu-vp-florida-state-universitys-091321580.html

Blackwell, M. (9/28/2023). FSU researcher earns $1.5 million FEMA grant to continue inquiry into improving gear for female firefighters. *Florida State University News.* https://news.fsu.edu/news/university-news/2023/09/28/fsu-researcher-earns-1-5-million-fema-grant-to-continue-inquiry-into-improving-gear-for-female-firefighters/

Blackwell, M. (8/23/2023). Trip to Cotton Incorporated headquarters gives FSU students hands-on experience. *Florida State University News.* https://news.fsu.edu/news/university-news/2023/08/23/trip-to-cotton-incorporated-headquarters-gives-fsu-students-hands-on-experience/

Floyd, C. (11/14/22). Why women in the fire service need better-fitting gear. *NFPA Today.* https://www.nfpa.org/News-and-Research/Publications-and-media/Blogs-Landing-Page/NFPA-Today/Blog-Posts/2022/11/14/Why-Women-in-the-Fire-Service-Need-Better-Fitting-Gear

Kelman, B. (7/5/2022). Disposable hospital gowns could expose health workers to infection. *Scientific American.* https://www.scientificamerican.com/article/disposable-hospital-gowns-could-expose-health-workers-to-infection/

Verzoni, A. (2/8/2021). Fitting In. *NFPA Journal.* https://www.nfpa.org/News-and-Research/Publications-and-media/NFPA-Journal/2021/Spring-2021/POV/Perspectives

Vince, J. (9/24/2020). Fit for duty: researchers improving PPE for women. *Firehouse.* https://www.firehouse.com/safety-health/ppe/turnout-gear/news/21155603/fit-for-duty-researchers-improving-ppe-for-female-firefighters

Hernandez, S. (3/12/20). FSU professor researches how to perfect the female firefighter suit. *WCTV News.* https://www.wctv.tv/content/news/FSU-professor-researches-how-to-perfect-female-firefighter-suit-568724851.html

Wellock, B. (1/16/20). Male and female firefighters have different problems with protective suits. *FSU News.* https://news.fsu.edu/news/business-law-policy/2020/01/16/fsu-research-male-and-female-firefighters-have-different-problems-with-protective-suits/

Prieur, D. (7/18/19). Women firefighters still wear gear meant for men, an orange county fire rescue study could change that. *WMFE.* https://www.wmfe.org/women-firefighters-still-wear-gear-meant-for-men-an-orange-county-fire-rescue-study-could-change-that/127364

Araiza, V. (7/17/19). Female Orange County firefighters participate in study for new gear. WKMG ClickOrlando. https://www.clickorlando.com/news/female-orange-county-firefighters-fitted-for-new-gear

AATCC. (4/15/2019). AATCC honors Meredith McQuerry with Future Leaders Award. *Fibre2Fashion.* https://www.fibre2fashion.com/news/announcement/aatcc-honours-meredith-mcquerry-with-future-leaders-award-248675-newsdetails.htm

Walker, C. (2/26/2019). Path to professorship. *Wilson College News.* https://textiles.ncsu.edu/news/2019/02/path-to-professorship/#Meredith_McQuerry

Heller, D. (6/7/2018). FSU lab research focuses students' career options and job prospects. *Florida State University News.* http://news.fsu.edu/news/university-news/2018/06/07/fsu-lab-research-focuses-students-career-options-and-job-prospects/

Boehm, Z. (3/23/2018). Women's history month: FSU women leading the research charge. *Florida State University News, FSU Communications.* http://news.fsu.edu/news/science-technology/2018/03/23/womens-history-month-fsu-women-leading-research-charge/

Hayes, S. (3/9/2018 & 3/13/2018). FSU researcher aims to better protect nation's first responders. *WFSU TV & Fox Sports SUN.* http://news.fsu.edu/multimedia/fsu-headlines/2018/03/12/fsu-headlines-march-2018/

Hayes, S. (3/6/2018). FSU researcher aims to better protect nation's first responders. *FSU Radio.* https://soundcloud.com/floridastateuniversity/fsu-researcher-aims-to-better-protect-nations-first-responders

Heller, D. (2/19/2018). FSU researcher aims to better protect nation's first responders. *Tallahassee Democrat, FSU Communications.* http://www.tallahassee.com/story/life/wellness/2018/02/19/fsu-researcher-aims-better-protect-nations-first-responders/350945002/

Invited Podcast Interviews:

Zapp, A. (7/25/2023). Episode 65: The S*** doesn't fit with Meredith McQuerry Ph.D. and Cassandra Kwon Ph.D. *Fire Rescue Wellness Podcast.* https://www.firerescuewellness.org/podcast/episode-65-the-s-doesnt-fit-with-meredith-mcquerry-phd-and-cassandra-kwon-phd

Yentes, J. (7/26/2023). (in editing). *Sports Medicine Podcast.* Huffines Institute, Texas A&M University.

Multi-State Research Projects:

McQuerry, M. (Chair), Stannard, C., McKinney, E., Easter, E., Meyer, S., Martindale, A., DenHartog, E., & Hwang, C. (10/1/2019-9/30/2024). Improving safety and health of wildland firefighters through personal protective clothing. *Western Association of Agricultural Experiment Station Directors, United States Department of Agriculture (USDA).* (official NIFA project eligible to seek funding).

Bye, E. (Chair), Griffin, L., Michaelson, D., Sun, G., Shaw, A., **McQuerry, M.**, Sokolowski, S., Morris, K., Xiang, C., Wu, Y., Wheeler, W., Rupper-Stroescu, M., Park, H., Mandal, S., Liu, H., Lin, S.H., Goncu Berk, G., Frey, M., Freeman, C., & Baytar, F. (10/1/2022-9/30/2027). Personal protective technologies for current and emerging occupational and environmental hazards. *North Central Association of Agricultural Experiment Station Directors, United States Department of Agriculture (USDA).* (official NIFA project eligible to seek funding).

TEACHING

COURSES TAUGHT:

Florida State University:

Semester	Course Number	Course	Number of Students	Instructor Rating
FA 2022	CTE 1401	Intro to Textile Science	25	n/a
	CTE 5445	Advancements in Text Tech	6	n/a
	CTE 4905	Directed Individual Study	2	n/a
SU 2023	CTE 4937/ 5935	Survey of Cotton Performance Technologies	4	n/a

SP 2023	CTE 5445	Quality Assurance Assessment	3	n/a
FA 2022	CTE 1401	Intro to Textile Science	38	4.5
	CTE 5445	Advancements in Text Tech	3	n/a
FA 2021	CTE 1401	Intro to Textile Science	36	3.8 (online)
	CTE 5444	Advancements in Text Tech	6	n/a
SU 2021	CTE 5435	Textiles for Interiors	11	4.9
	CTE 5912	Supervised Research	1	n/a
SP 2021	CTE 5912	Supervised Research	2	n/a
	CTE 5444	Quality Assurance Assessment	10	4.9
FA 2020	CTE 4443	QA of Textiles and Apparel	32	4.3
	CTE 5445	Advancements in Text Tech	12	4.7
SU 2020	CTE 5935	Textiles for Interiors	6	4.6
SP 2020	CTE 4443	QA of Textiles and Apparel	17	4.1
	CTE 5935	Quality Assurance Assessment	6	4.7
FA 2019	CTE 4443	QA of Textiles and Apparel	19	4.6
	CTE 5911	Advancements in Text Tech	7	4.8
SP 2019	CTE 1401	Intro to Textile Science	45	4.5
	CTE 4443	QA of Textiles and Apparel	29	4.6
FA 2018	CTE 1401	Intro to Textile Science	77	4.4
	CTE 4443	QA of Textiles and Apparel	56	4.6
	CTE 4905	Textile Testing & Analysis	1	n/a
SP 2018	CTE 1401	Intro to Textile Science	68	4.4
	CTE 4443	QA of Textiles and Apparel	66	4.5
	CTE 4905	QA of Textiles and Apparel	3	n/a
	CTE 4905	Survey of Firefighter Literature	1	n/a
FA 2017	CTE 1401	Intro to Textile Science	99	4.5
	CTE 4443	QA of Textiles and Apparel	89	4.6
SU 2017	COA 5906	Special Topics: Clothing Comfort	1	n/a
	CTE 4905	Textiles for Interiors	1	n/a
SP 2017	CTE 4443	QA of Textiles and Apparel	77	4.9
	CTE 5912	Supervised Research	1	n/a
FA 2016	CTE 4443	QA of Textiles and Apparel	97	4.5

Meredith College:

SP 2016	FMD 114	Apparel Merchandising	14 students	4.6 rating
FA 2015	FMD 114	Apparel Merchandising	30 students	4.5 rating

University of Kentucky:

FA 2013	MAT 120	Textiles for Consumers	40 students	(n/a)

STUDENT ADVISING & MENTORSHIP:

Dissertation Committee Member:

Lillie Renteria 2021-2023

Master's Committee Member:

Avery Wheeler (Co-Chair; 2020-2021)

Apurva Pandey (2023), "A sustainable hybrid personal flotation device and jacket design." Cornell University

Rachel Godown (2016-2018), "Assessing the effectiveness of clothing ventilation designs in men's business wear for improved comfort performance." North Carolina State University

Graduate Student Research Advisor:

Jasmine Henderson, Graduate Research Assistant, 2023-2024
Madeline Poley-Boga, Graduate Research Assistant/Lab Technician, 2022-2023
Reannan, Riedy Graduate Research Assistant/Lab Technician, 2020-2021
Victoria Nixon, Graduate Research Assistant, 2021
Brooke Garringer, Graduate Research Assistant/Lab Technician, 2019-2020
Stephanie Gipson, Research Assistant, 2018-2019
Jacob Kisiolek, Research Assistant, 2018
Margaret Morrissey (2018), Research Assistant, 2018
Kristian Hogans, (2016-2017) Global Merchandising and Product Development master's program, Florida State University; Project: Assessment of Laser Perforated Athletic Uniforms for Improved Thermal Comfort and Human Performance

Undergraduate Student Research Advisor:

Alyssa Guia, Undergraduate Research Assistant/Lab Technician, 2017
Heather Johnson, Undergraduate Research Assistant/Lab Technician, 2017-2018
Elizabeth Grant, Undergraduate Research Assistant/Lab Technician, 2017-2018
Stephanie Alvarez, Undergraduate Research Study, 2017
Giovanni Bertram, Undergraduate Research Opportunity Program Scholar, 2017-2018
Alexis Chavez, Undergraduate Research Opportunity Program Scholar, 2017-2018
Hannah Cunanan, Undergraduate Research Opportunity Program Scholar, 2017-2018
Connor Glynn, Undergraduate Research Opportunity Program Scholar, 2017-2018
Reannan Reidy, Undergraduate Research Opportunity Program Scholar, 2017-2020
Brooke Garringer, Undergraduate Research Assistant/Lab Technician, 2017-2020
Alex Cao, Undergraduate Research Assistant/IDEA Grant Recipient, 2017-2019
Sophia Isaac, Undergraduate Research Study, 2018-2019
Nadia Love, Undergraduate Research Opportunity Program Scholar, 2018-2021
Natalia Ramirez, Undergraduate Research Study, 2019-2019
Holly Spayde, Undergraduate Research Study, 2019-2020
Cary Wong, Undergraduate Research Opportunity Program Scholar, 2019-2020
Isabel Maya, Undergraduate Research Opportunity Program Scholar, 2019-2022
Madeline Poley-Bogan, Undergraduate Research Assistant, 2021-Present
Allison Barnes, Undergraduate Research Opportunity Program Scholar, 2021-2022
Ana Grande, Undergraduate Research Opportunity Program Scholar, 2021-2022
Leah Livin, Undergraduate Research Opportunity Program Scholar, 2022-2023
Robert Wilson, Undergraduate Research Opportunity Program Scholar, 2022-2023
Andre van Grieken, Undergraduate Research Opportunity Program Scholar, 2022-2023
Stephen Bernal-Diez, Undergraduate Research Opportunity Program Scholar, 2022-2023
Julia Reding, Undergraduate Research Opportunity Program Scholar, 2022-2023
Sharen Laguerre, Undergraduate Research Opportunity Program Scholar, 2022-2023

Cristina Brasfield, Undergraduate Research Assistant, 2023-Present
Loriz Arencibia, Undergraduate Research Opportunity Program Scholar, 2023-2024
Aashutosh Pokharel, Undergraduate Research Opportunity Program Scholar, 2023-2024
Lily Dennis, Undergraduate Research Opportunity Program Scholar, 2023-2024
Matthew Parkis, Undergraduate Research Opportunity Program Scholar, 2023-2024
Diego Rodriguez-Armada, Undergraduate Research Opportunity Program Scholar, 2023-2024
Joshua Kessner, Undergraduate Research Opportunity Program Scholar, 2023-2024
Mallory McCray, Undergraduate Research Opportunity Program Scholar, 2023-2024

SKILLS & CERTIFICATION

Six Sigma Green Belt Certified: course completion through North Carolina State University, College of Textiles. Worked with General Electric appliance park in Louisville, KY to develop, complete, and present a project on the evaluation of measurement techniques for AHAM HLW-1-2010 Wash Performance.

ThermoAnalytics RadTherm Software: conducted thermal modeling to determine predicted physiological responses of humans when wearing specified protective clothing.

Body Scanning Technology: acquired and utilized a Size Stream stationary scanner, remote Structure Scanner, Meshlab, and MeThreeSixty software to collect the first and largest U.S. female firefighter anthropometric database.

Color Measurement Instrumentation Techniques: completed two X-Rite fundamental seminars including color appearance, instrumentation, and quality control. Participated in textile color measurement and application professional short course at North Carolina State University.

Blackboard, Canvas, & Moodle: experience navigating software and managing course materials.

Lectra Product Life Cycle Management Software: completed two-day training seminar on software fundamentals.

Instron Tensile Testing Machine and Software Training: completed equivalent of four-day training session on Universal Bluehill software functions, test method installation, and tensile testing machine operation.

AWARDS AND HONORS

2022	Editor's Choice Best Paper Award, Fire Technology Journal
2021	Jim Moran College of Entrepreneurship Research Award, Florida State University
2020	Emerald Publishing, Literati Award, Highly Commended Paper

2019	AATCC Future Leaders Award, Concept to Consumers Group, AATCC ($1,000)
	Florida State University Undergraduate Teaching Award Nominee
	Florida State University "Thank-a-Professor" Recipient
	Florida State University Undergraduate Research Mentor Nominee
2018	Invited Attendee, Nobel Prize Inspiration Initiative, 3M VIP Event, Minneapolis, MN
	Florida State University Undergraduate Research Mentor Award ($2,000)
2016	AATCC J. W. Weaver Paper of the Year Award, AATCC Journal of Research
	Rutherford Teaching Challenge, Third Place Award, ITAA
2015	International Textile and Apparel Association, Sara Douglas Fellowship for Professional Promise
	Building Future Faculty Scholar, North Carolina State University
2014	ASTM International Student Paper Competition First Place Winner
	Mentoring and Teaching Practicum Program, North Carolina State University
	Graduate Fellowship & Assistantship, North Carolina State University
2013	AATCC, Herman and Myrtle Student Paper Competition, First Place Winner ($1,000)
	Graduate Student of Excellence, Merchandising, Apparel, and Textiles Department, School of Human Environmental Sciences, University of Kentucky
2012	Graduate Assistantship, University of Kentucky
	Undergraduate Student of Distinction, School of Human Environmental Sciences
2011	Undergraduate Research Assistantship, University of Kentucky
	Family and Consumer Sciences Undergraduate Student of Excellence, School of Human Environmental Sciences
2008-2012	Undergraduate Scholarships: Joe T. Davis Memorial, Carl F. Pollard, HES T.P. Cooper, Academic Excellence, Ginny Ellington KATFACS
	Dean's List, University of Kentucky: August 2008-December 2013

LEADERSHIP AND SERVICE

Department Service:

2018-Present Member, Retail Entrepreneurship Curriculum Committee
Fall 2017 Member, Product Development Curriculum Committee
Fall 2017 Member, Technology Curriculum Committee
Fall 2017 Chair, Textile Curriculum Committee
Fall 2017 Member, Scholarship Review Committee
Spring 2017 Graduation Marshal
Spring 2017 Chair, Specialized Faculty Promotion Committee
Spring 2017 Chair, Teaching in the Discipline Development Committee
2016-Present Faculty Advisor, American Association of Textile Chemists and Colorists Student Organization
Fall 2016 Member, Scholarship Review Committee
Fall 2016 Member, Merit Review Committee

School/College Service:

2021-2022 Member, JMC Graduate Scholarship Review Committee
2021-2022 Member, JMC P&T/Merit Committee
2019-2020 Member, JMS P&T/Merit Committee (voting promotion member only)
2019-2020 Member, JMS Technology Committee
2019 Member, JMS Interview Committee
2017 Judge, CHS Research and Creativity Day

University Service:

2023 FSU - A Strategic Plan Inspiring Research Excellence (ASPIRE) Advisory Committee, FSU Office of Research, Appointed Member
2023-Present FSU Center for Undergraduate Research and Academic Engagement (CRE) Faculty Advisory Committee, Invited Member
2022-Present FSU First Year Assistant Professor Workshop, Invited Panelist
2022 FSU Search Committee for Vice President of Research, Nominated Member/Jim Moran College of Entrepreneurship Representative
2021-Present FSU Council on Research and Creativity, Invited Member/Jim Moran College of Entrepreneurship Representative
2020-2021 FSU Council of Associate Deans of Research, Interdisciplinary Research Subcommittee, Invited Member
2019-Present FSU Council of Associate Deans of Research, Jim Moran College of Entrepreneurship Representative
Spring 2019 FSU 6th Annual Women in Leadership Conference; Work/Life Balance Workshop Coordinator

Professional Service:

2023 AHFE International Conference Session Presider
2023 Invited Member, PPE Workshop Planning Committee, National Academies of Sciences, Engineering and Mathematics
2023 Invited Member, IAFF PPE Reimagined Council

2023 Invited Member, ASTM F1930 Task Group, Female Flash Fire Manikin
2023 Invited Co-Chair, ITAA Textile and Apparel Science Track
2022 ITAA Annual Conference Session Presider
2021-Present Invited Member of C7 Publications Committee, AATCC
2021-Present Invited Medical and Science Board Member, National Heat Safety Coalition (NHSC), Korey Stringer Institute (KSI), University of Connecticut
2021 Invited Member, Effective Operations Work Group, National Fire Service Research Agenda Symposium
2020-Present Chair, W3192 Multistate Wildland Firefighter Research Project, NIFA
2020-Present Invited Member of UCONN's Korey Stringer Institute's Inter-Association Task Force on Heat Safety in the Industrial Space
2019-Present Voting Member, AATCC RA112 Thermal Regulation Test Methods Committee
2019-Present Invited Member of Undergraduate Competition Sub-Committee, AATCC
2019 ITAA Annual Conference Session Presider
2018-Present Invited Member of Young Professionals Committee, AATCC
2018-Present Invited Member of NIOSH Turnout Gear Lifecycle Partnership
2018-Present Invited Member Strategic Planning Committee, AATCC
2016-Present ITAA Student Fellowships and Awards Committee
2015-Present ASTM F23 Protective Clothing Committee
2015-Present ASTM D13 Committee on Textiles
2014 ITAA Annual Conference Volunteer
2009-2013 University of Kentucky Official Plaid Advisory Board, Product Development Committee
2009-2012 Cotton Incorporated Denim Drive Coordinator (University of Kentucky)
2009-2012 University of Kentucky, College of Agriculture Ambassador

Service to the Industry:
2021-Present Education Consultant: Cotton Incorporated
2021-Present Expert Witness: Payne & Fears, LLP
2020-Present Research Consultant/Expert Witness: Wolter Van Dyke Davis, PLLC
2019-Present Industry Consultant: MagCorp
2019-2020 Industry Consultant: NBC/Universal Studios
Spring 2019 Testing Services/Research Consult: Peak Gear
2018-2019 Testing Services/Research Consult: Loella Bra Company
2018-2019 Testing Services/Research Consult: Juaire Industries
Fall 2018 Research Consult: Firefighter Cancer Initiative
Fall 2018 Research Consult: OM Signal
Spring 2018 Research Consult: 3M, Safety and Graphics Business Lab

Service to the Community:
Spring 2022 Invited Legacy Member of the Science Alliance (Science to the Station: A Health and Wellness Alliance), National Development and Research Institutes (NDRI)
Spring 2020 COVID-19 Testing Services, Florida Governor's Office/Department of Emergency Management, Textile Testing Laboratory, Florida State University
Summer 2019 Program Session Leader, SciGirls Summer Camp, National High Magnetic Field Laboratory (MagLab), Florida State University
Summer 2018 Invited Panelist, SciGirls Summer Camp, National High Magnetic Field Laboratory (MagLab), Florida State University

Spring 2018 Coordinator/Lead Exhibitor of Discovery on Parade, Textile Testing Lab Exhibit, Florida State University
Spring 2017 Coordinator/Lead Exhibitor of Discovery on Parade, Department of Retail, Merchandising, and Product Development Exhibit, Florida State University

Invited Reviews:

May 2023 Invited Reviewer for Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA), Fire Prevention and Safety (FP&S) Research and Development (R&D) Assistance to Firefighters Grant (AFG) Program, FY 2022
February 2023 Invited Grant Reviewer for NIOSH Study Section
October 2022 Invited Grant Reviewer for NIOSH
June 2021 Invited Reviewer for National Institute for Occupational Safety and Health (NIOSH) National Personal Protective Technology Laboratory (NPPTL)
March 2021 Invited Reviewer for Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA), Fire Prevention and Safety (FP&S) Research and Development (R&D) Assistance to Firefighters Grant (AFG) Program, FY 2020
May 2019 Invited Reviewer for Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA), Fire Prevention and Safety (FP&S) Research and Development (R&D) Assistance to Firefighters Grant (AFG) Program, FY 2018, Emmitsburg, MD, National Emergency Training Center (NETC)
April 2019 Invited Reviewer of ITAA Research Paper Abstracts – Textile & Apparel Science
July 2018 Invited Judge for IFAI Innovation Award
June 2018 Invited Reviewer of University of Maryland Industrial Partnerships Program Grant Proposal (selected based upon research & publications in the field)
April 2018 Invited Reviewer of ITAA Research Paper Abstracts – Textile & Apparel Science
July 2017 Invited Judge for IFAI Innovation Award
May 2017 Invited Reviewer of Iowa State University Limited Submission Grant Proposals
April 2017 Invited Reviewer of ITAA Research Paper Abstracts – Textile & Apparel Science

Reviewer for Refereed Journals:

2020-Present *AATCC Review*
2020-Present *Journal of Textile Apparel and Technology Management*
2020-Present *Fire Technology*
2019-Present *Ergonomics*
2019-Present *Applied Ergonomics*
2019-Present *Journal of Occupational Medicine and Toxicology*
2019-Present *Military Medical Research*
2018-Present *Industrial Health*
2018-Present *International Journal of Wildland Fire*
2018-Present *International Journal of Heat and Mass Transfer*
2016-Present *Clothing and Textiles Research Journal*
2016-Present *AATCC Journal of Research*
2016-Present *American Society of Testing and Materials Selected Technical Papers*
2016-Present *Journal of the Textile Institute*
2016-Present *Journal of Industrial Textiles*

2015-Present	*Textile Research Journal*
2014-Present	*Journal of Strength and Conditioning Research*

PROFESSIONAL ORGANIZATIONS

2017-Present	National Fire Protection Association (NFPA)
2014-Present	American Society for Testing and Materials (ASTM)
2014-Present	International Textile and Apparel Association (ITAA)
2013-Present	American Association of Textile Colorists and Chemists (AATCC)

PROFESSIONAL DEVELOPMENT

- FSU Council on Research and Creativity Grant Workshop, 9/9/2016
- FSU Basics of Grant Writing for NIH Workshop, 9/16/16
- FSU Basics of Grant Writing for NSF Workshop, 10/14/16
- Grant Training and Development Center, NSF Grant Workshop, University of Florida, 12/5/16
- CottonWorks Color Science Workshop 2/8/22
- CottonWorks Lab Dips Workshop 2/8/22
- CottonWorks Fiber Fundamentals Workshop 3/29/22
- CottonWorks Yarn Fundamentals Workshop 3/30/22

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