Austin M. Menger, Ph.D.

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RESEARCH INTERESTS

Survival Analysis, Bayesian Statistical Methodology, Machine Learning, Longitudinal Data Analysis, Psychometrics

EDUCATION

Ph.D., Statistics	University of Connecticut (Storrs, CT)	May 2023
Certif, College Instruction	University of Connecticut (Storrs, CT)	May 2022
M.S., Applied Analytics	Columbia University (New York, NY)	August 2017
B.S.(with Honors), Mathematics	Georgetown University (Washington, DC)	May 2016

ACADEMIC APPOINTMENTS

July 2022 – Dec 2022	Center for Students with Disabilities, University of Connecticut, Storrs, CT.
August 2021 – Dec 2021	Adjunct Professor, Department of Mathematics & Statistics, Connecticut College, New London, CT.
June 2020 – Jan 2021	NIH R01 Grant Proposal Research Assistant, University of Connecticut, Storrs, CT.
August 2017 – May 2022	Graduate Assistant, Department of Statistics, University of Connecticut, Storrs, CT.

INDUSTRY APPOINTMENTS

August 2018 – Present	Founder, Menger Analytics, New York, NY.
Jan 2020 – May 2020	Statistical Consultant, University of Connecticut Statistical Consulting Services, Storrs, CT.
Jan 2019 – May 2020	Research Assistant, Pratt & Whitney, East Hartford, CT.
May 2017 – Sept 2017	Lead Data Scientist, New York Engineers, New York, NY.
Oct 2016 – May 2017	Database Analyst, Reed Exhibitions, Norwalk, CT.
June 2016 – August 2016	Mortgage Banking Intern, Lynx Mortgage Bank, Westbury, NY.
July 2015 – Sept 2015	Statistical Analyst Intern, Consolidated Edison, New York, NY.

TEACHING EXPERIENCE

Primary Instructor: Connecticut College

- Advanced Regression Techniques (STA 207): Fall 2021

Primary Instructor: University of Connecticut

- Elementary Concepts of Statistics (STAT 1100Q): Summer 2018, Summer 2019, Fall 2020, Spring 2021, Fall 2021, Spring 2022
- Introduction to Mathematical Statistics I (STAT 3375Q): Fall 2018
- Statistical Methods (Calculus Level 1) (STAT 3025Q): Fall 2018, Summer 2021

Center for Students with Disabilities: University of Connecticut

- Contracted to translate the department's STAT 1100Q course into a fully accessible statistics course for those with visual and/or audio impairment: Summer 2022, Fall 2022

Teaching Assistant: University of Connecticut

- Elementary Concepts of Statistics (STAT 1100Q): Spring 2020 (1 section), Fall 2021 (2 sections)
- Introduction to Statistics I (STAT 1000Q): Fall 2017 (5 sections), Spring 2018 (3 sections), Summer 2020 (1 section)

Teaching Assistant: Georgetown University

- Multivariable Calculus (MATH 137): Fall 2015
- Computer Science Math Methods (COSC 030): Fall 2015, Spring 2016
- Probability & Statistics (MATH 040): Spring 2014, Fall 2014, Spring 2015, Fall 2015, Spring 2016

Course Grader: University of Connecticut

- Statistical Methods (Calculus Level 1) (STAT 3025Q): Fall 2017

Department Tutor: University of Connecticut

- Fall 2017 (2 hours a week), Spring 2018 (2 hours a week), Spring 2022 (6 hours a week)

HIGHLIGHTED RESEARCH CONSULTING PROJECTS

****For details on non-research consulting projects please reach out.****

Cooper University Health Care, Department of General Surgery

Focus: Predicting the likelihood of needing chemotherapy after surgery.
Methodology: Machine Learning
Collaborator: Francis Spitz, MD (Head, Division of General Surgery at Cooper University Health Care)

University of Michigan School of Public Health

Focus: Examining the effect of the 2016 election on depression in undocumented Latinx individuals.
Methodology: Mixed-Effects Longitudinal Modeling
Collaborator: Monika Doshi, Ph.D. (Assistant Professor of Behavioral and Social Sciences, Brown University School of Public Health)

University of South Alabama Health, Department of Neurosurgery

Focus: Neurosurgical operative report sentiment analysis and the impact on patient outcomes.
Methodology: Sentiment Analysis
Collaborator: Olivier Darbin, Ph.D. (Assistant Professor of Neurosurgery, University of South Alabama Health)

Focus: Modeling socioeconomic impact factors for objective patient outcomes in spine surgery.
Methodology: Principal Component Analysis
Collaborator: Richard Menger, MD (Chief of Complex Spine Surgery at University of South Alabama Health)

Warren Alpert Medical School of Brown University
Focus: Virtual learning in adolescents with cancer; establishing and applying metrics to assess perspectives of participating in school from home.
Methodology: Exploratory Factor Analysis
Collaborator: Rishi Lulla, MD (Division Director, Pediatric Hematology/Oncology, Hasbro Children's Hospital) and Jenna McClane, MD (Resident Physician, Pediatric Hematology/Oncology, Hasbro Children's Hospital at the time)

University of Connecticut Dental School
Focus: Oral health knowledge and screening procedures.
Methodology: Multiple Linear Regression
Collaborator: Geraldine Weinstein, DDS. (Associate Professor in Residence, UConn Health Center)

Cooper University Health Care, Department of Colorectal Surgery
Focus: Diagnostic accuracy of endoscopy in determining rectal tumor proximity to the peritoneal reflection.
Methodology: Inter-method Reliability, Intraclass Correlation, Sensitivity/Specificity, ROC
Collaborator: Steven McClane, MD (Head, Division of Colorectal Surgery at Cooper University Health Care)

Focus: Comparison of localizing studies for mid and upper rectal cancers: a single center experience.
Methodology: Bland-Altman Analysis, Nonparametric Methods
Collaborator: Steven McClane, MD (Head, Division of Colorectal Surgery at Cooper University Health Care)

Hashemite University, Department of Community & Mental Health Nursing
Focus: Psychometric testing of the Arabic version of the reminiscence functions scale.
Methodology: Exploratory Factor Analysis
Collaborator: Abdallah Abu Khait, Ph.D. (Assistant Professor, Psychological Health Nursing at Hashemite University)

Focus: Nursing students' knowledge about behavioral and biopsychosocial domains of dementia: A cross-sectional survey study.
Methodology: Multiple Linear Regression
Collaborator: Abdallah Abu Khait, Ph.D. (Assistant Professor, Psychological Health Nursing at Hashemite University)

Focus: Confirmatory factor analysis of the Arabic version of the reminiscence functions scale with strict measurement invariance across gender.
Methodology: Confirmatory Factor Analysis, Measurement Invariance
Collaborator: Abdallah Abu Khait, Ph.D. (Assistant Professor, Psychological Health Nursing at Hashemite University)

Focus: Self-transcendence as a mediator of the relationship between reminiscence functions and death anxiety: implications for psychiatric nurses.
Methodology: Mediation Analysis
Collaborator: Abdallah Abu Khait, Ph.D. (Assistant Professor,

Psychological Health Nursing at Hashemite University)

Focus: The mediating role of religion and loneliness on the association between reminiscence functions and depression: a call to improve mental health nursing care.
Methodology: Mediation Analysis
Collaborator: Abdallah Abu Khait, Ph.D. (Assistant Professor, Psychological Health Nursing at Hashemite University)

Focus: Psycho-emotional distress and coping strategies among healthcare providers caring for children with autism spectrum disorder: implications for mental health nurses.
Methodology: Multiple Linear Regression
Collaborator: Abdallah Abu Khait, Ph.D. (Assistant Professor, Psychological Health Nursing at Hashemite University)

Focus: Coping strategies for emotional and psychological distress while caring for children with autism spectrum disorder: a moderated mediation model of social support.
Methodology: Moderated Mediation Analysis
Collaborator: Abdallah Abu Khait, Ph.D. (Assistant Professor, Psychological Health Nursing at Hashemite University)

Focus: Bayesian factor analysis and psychometric properties of the Arabic version of the self-transcendence scale
Methodology: Bayesian Exploratory Factor Analysis
Collaborator: Abdallah Abu Khait, Ph.D. (Assistant Professor, Psychological Health Nursing at Hashemite University)

Focus: A systematic review of antenatal depression and dialectical behavior therapy.
Methodology: Meta-analysis
Collaborator: Abdallah Abu Khait, Ph.D. (Assistant Professor, Psychological Health Nursing at Hashemite University)

Focus: Social anxiety, social support, and smartphone addiction among adolescent students: implications for nurses to support adolescents' mental health.
Methodology: Mediation Analysis, Variable Selection, Multiple Linear Regression
Collaborator: Abdallah Abu Khait, Ph.D. (Assistant Professor, Psychological Health Nursing at Hashemite University)

Focus: Examining the effect of socioeconomic demographics on mental health in a population of individuals with Schizophrenia.
Methodology: Bayesian Exploratory Factor Analysis, Variable Selection, Multiple Linear Regression
Collaborator: Abdallah Abu Khait, Ph.D. (Assistant Professor, Psychological Health Nursing at Hashemite University)

Columbia University Medical Center, Department of Orthopedic Surgery

Focus: Healthcare lobbying, political action committees, and spine surgery.
Methodology: One-Way ANOVA
Collaborator: Richard Menger, MD. (Advanced Pediatric Spinal Deformity Fellow at Columbia University Medical Center at the time)

Louisiana State University Health Sciences Center, Department of Neurosurgery

Focus: Rugby headgear and concussion prevention: misconceptions could increase aggressive play.
Methodology: Binary Logistic Regression, Variable Selection
Collaborator: Richard Menger, MD. (Resident Physician, Neurosurgery,

Louisiana State University Health Sciences Center at the time)

Montclair State University RYTE Institute

Focus: Exploring sources of community support for youths from marginalized GISO groups.
Methodology: Generalized Linear Models
Collaborator: Lisa Chauverson, Ph.D. (Ph.D. Candidate, Montclair State University RYTE Institute at the time)

University of Connecticut, Department of Educational Psychology

Focus: Exploring testing accommodation use by college students with disabilities.
Methodology: Mixed Effects Longitudinal Analysis
Collaborator: Nick Gelbar, Ph.D. (Associate Research Professor of Educational Psychology, University of Connecticut)

University of Connecticut, Department of Chemical & Biomolecular Engineering

Focus: Optimization of Titanium sample preparation with Multi-Etch.
Methodology: 2^k Factorial Design Analysis
Collaborator: Joshua Ambroise (Undergraduate in the Department of Chemical & Biomolecular Engineering, University of Connecticut at the time)

University of Connecticut, Department of Human Development & Family Sciences

Focus: Ethnic-racial socialization in biracial kindergarten students.
Methodology: Structural Equation Modeling/Path Analysis
Collaborator: Annamaria Csizmadia, Ph.D. (Associate Professor of Human Development & Family Science, University of Connecticut)

University of Connecticut School of Business, Accounting Department

Focus: Effectiveness of management accounting performance measures.
Methodology: Structural Equation Modeling
Collaborator: Omnia Hanafy (Ph.D. Candidate, University of Connecticut at the time)

STATISTICAL SOFTWARE USED IN ABOVE PROJECTS

R, SAS, Fortran, Julia, Mplus, LaTeX, Minitab, SQL, JMP

PEER-REVIEWED PUBLICATIONS

*Current Intern/Student at the time of work.

11. **Menger, A.**, Sheikh, M.T., Chen, M-H. (2023). Bayesian modeling of survival data in the presence of competing risks with cure fractions and masked causes. *Sankhya: The Indian Journal of Statistics, Series A*. To appear.

10. Abu Khait, A., **Menger, A.**, Rababa, M., Moldovan*, T., Lazenby, M., Shellman, J. (2023). The mediating role of religion and loneliness on the association between reminiscence functions and depression: a call to advance older adults' mental health. *Psychogeriatrics*. https://doi.org/10.1111/psyg.13041.

9. Abu Khait, A., **Menger, A.**, Mahmoud, K., Hamaideh, S. (2023). A moderated mediation model of social support on the association between coping strategies and psycho-emotional distress of healthcare professionals caring for children with autism. *Issues in Mental Health Nursing*, 44(9), 879-890.

8. Abu Khait, A., **Menger, A.**, Al-Modallal, H., Abdalrahim, A., Moldovan*, T., Hamaideh, S. (2023). Self-Transcendence as a Mediator of the Relationship Between Reminiscence Functions and Death Anxiety: Implications for Psychiatric Nurses. *Journal of the American Psychiatric Nurses Association.* To appear.

7. Sandilos, G., **Menger, A**., Koorogayala, K., Zhu, C., Daneshpooy, S., Gefen, R., Kovacs, J., Giugliano, D., Kwiatt, M., McClane, S. (2023). Diagnostic Accuracy of Endoscopy in Determining Rectal Tumor Proximity to the Peritoneal Reflection. *International Journal of Colorectal Disease*. To appear.

6. Abu Khait, A., **Menger, A.** , Shellman J., Al-Modallal H., Hamaideh, S., (2022). Confirmatory Factor Analysis of the Arabic Version of the Reminiscence Functions Scale with Strict Measurement Invariance Across Gender. *Perspectives in Psychiatric Care*, 58(4), 2145-2153.

5. Abu Khait, A., **Menger, A.**, Hamaideh, S.H., Al-Modallal H., & Abdalrahim, A. (2022). Nursing students' knowledge about behavioral and biopsychosocial domains of dementia: A cross-sectional survey study. *International Journal of Nursing Knowledge*, 33, 116-127.

4. Abu Khait, **A., Menger**, **A.**, Shellman J. (2022). Psychometric testing of the Arabic version of the reminiscence functions scale. *Journal of Nursing Measurement*, 30(3).

3. Menger, R., Shaw, T., Bunch, J., Barry, J., Marciano, G., **Menger, A**., Martino, A., Lenke, L., & Vitale, M. G. (2020). Healthcare lobbying, political action committees, and spine surgery. *Spine*, 45(24), 1736-1742.

2. Morris, D.S., Sellers, K.F., **Menger, A**. (2017) Fitting a flexible model for longitudinal count data using the NLMIXED procedure, In SAS Global Forum Proceedings.

1. Menger, R. **Menger, A.** Nanda A. (2016). Rugby headgear and concussion prevention: misconceptions could increase aggressive play. *Neurosurgical focus,* 40(4), E12.

PUBLICATIONS UNDER REVIEW/REVISION

*Current Intern/Student at the time of work.

4. Abu Khait, A., **Menger, A.**, Al-Atiyyat, N., Hamaideh, S., Al-Modallal, H., Rayapureddy*, H., The association between smartphone addiction and social anxiety among school students and the mediating role of social support: a call to advance Jordanian adolescents' mental health. *Journal of the American Psychiatric Nurses Association.* (Under Revision)

3. Abu Khait, A., **Menger, A.**, Hamdan-Mansour, A., Aldalaykeh, M., Hamaideh, S., Al-Mrayat, Y., Nusair, H. The association between coping strategies and psychological and emotional distress among healthcare providers caring for children with autism. *Western Journal of Nursing Research*. (Under Revision)

2. Morgan, A.B., Hakim, A., **Menger, A**., Gefen, R., Kovacs, J., Kwiatt, M., Guigliano, D., McClane, S.J. Comparison of localizing studies for mid and upper rectal cancers: a single center experience. *The American Journal of Surgery*. (Under Review)

1. McClane, J., **Menger, A.**, Welch, J.J.G., Trask, C., Moynahan, L., Lulla, R. Virtual learning in adolescents with cancer; establishing and applying metrics to assess perspectives of participating in school from home. *Journal of Psychosocial Oncology*. (Abstract and Poster Accepted to ASPHO 2022; Publication Under Review)

PUBLICATIONS IN PROGRESS

*Current Intern/Student at the time of work.

12. Sandilos, G, Giugliano, D, Kwiatt, M, Gefen, R, **Menger, A.,** McClane, S J. Bayesian analysis of factors impacting concordance of MRI and histopathology in determining rectal tumor proximity to the anterior peritoneal reflection. (Abstract Submitted to ASCRS 2023; Publication in Progress)

11. **Menger, A.,** Sheikh, M.T., Chen, M-H. Bayesian joint modeling of survival data in the presence of competing risks with cure fractions and masked causes. (Publication in Progress)

10. Yu*, Y., **Menger, A.,** McDermott, D. Forecasting S&P500 Daily Close Price Intervals on the Commodity Futures Trading Platform Kalshi. (Publication in Progress)

9. Rayapureddy*, H., **Menger, A**. Time-to-event model selection with applications in Ovarian cancer. (Publication in Progress)

8. Moldovan, T., **Menger, A.** Mediation, Moderation, Moderated Mediation, and Mediated Moderation: How to choose and conduct an appropriate analysis. (Publication in Progress)

7. Abu Khait, A., **Menger, A.** Bayesian factor analysis and psychometric properties of the Arabic version of the self-transcendence scale. (Publication in Progress)

6. Abu Khait, A., **Menger, A.**, Abuidhail, J., Zavez, K., Nada, Majd, Shehab, S., A systematic review of antenatal depression and dialectical behavior therapy. (Publication in Progress)

5. Jamison, G., Young, P., Cales, D., **Menger, A.**, Menger, R. Socioeconomic impact on objective spine outcomes. (Abstract Submitted; Publication in Progress)

4. **Menger, A.**, Grenier, R. Mind the Gap: An Autoethnographic approach to examining incentives for incorporating personalized learning in statistics through instructor self-efficacy. (Publication in Progress)

3. Darbin, O., **Menger, A.**, Menger, R., Neurosurgical operative report sentiment analysis and the impact on patient outcomes. (IRB approved; Data collection in Progress)

2. Abu Khait, A., **Menger, A.** Examining the effect of socioeconomic demographics on mental health in a population of individuals with schizophrenia. (IRB approved; Data collection in Progress)

1. Spitz, F., **Menger, A.**, Using machine learning to evaluate surgical claims data. (Data collection in Progress)

PH.D. DISSERTATIONS CONTRIBUTED TO

3. Doshi, M. Examining the Effect of the 2016 Election on Depression in Undocumented Latinx Individuals (University of Michigan, 2022)

2. Abu Khait, A. Building a Foundation for Reminiscence Research and Practice in the Arabic-Jordanian Culture (University of Connecticut, 2020)

1. Chauveron, L. Promoting Community-Based Affirmation for Diverse LGBTQ+ Youth (Montclair State University, 2019)

HONORS & AWARDS

Summer 2022 Statistics Department Pre-Doctoral Award, University of

	Connecticut.
Summer 2021	Statistics Department Pre-Doctoral Award, University of Connecticut.
December 2021	Letter of Acknowledgement (Leading the Establishment of the NextGen Scholarship for Underrepresented Minorities), New England Statistical Society.
November 2021	Statistics Department Teaching Award, University of Connecticut.
September 2020	Statistics Department Service Award, University of Connecticut.
January 2018	Letter of Teaching Recognition (One of the Top-Rated Instructors from Student Evaluations Across the University), University of Connecticut.
January 2017	Team of the Year (Data Analytics Team), Reed Exhibitions.
May 2016	Graduated with Honors (Honors Thesis in Statistics; only undergraduate in the Dept. of Mathematics and Statistics to be awarded this distinction in 2016), Georgetown University.

MENTORSHIP

March 2023 – Present	Theodora Moldovan, Publication on "Mediation, Moderation, Moderated Mediation, and Mediated Moderation: How to Choose and Conduct an Appropriate Analysis".
Feb 2023 – Present	Harshita Rayapureddy, Publication on "Time-to-event Model Selection with Applications in Ovarian Cancer".
Sept 2022 – Nov 2022	Theodora Moldovan, New England Statistical Society NextGen Data Science Day Poster Submission on "Moderated Mediation Analysis of Qualitative Job Insecurity Scale (QUAL-JIS)".
Sept 2022 – Nov 2022	Yue Yu, New England Statistical Society NextGen Data Science Day Poster Submission on "Forecasting S&P500 Daily Close Price Intervals on the Commodity Futures Trading Platform Kalshi" (Prize = Second place).
Nov 2020 – Oct 2021	Emily Perri, IDEA Grant Program (University of Connecticut) on "Exploring Ethical Treatment of Lab Animals Using a Psychometric Survey Scoring Approach".

PROFESSIONAL SERVICE

New England Statistical Society (NESS)

- **Invited member**: NextGen Committee (2019 – Present)
- **Head**: Diversity, Inclusion & Outreach sub-committee (2020 – Present)
- **Current Lead**: NextGen Scholarship for Underrepresented Minorities (2020 – Present)
- **Poster Judge:** 36th Annual NESS Symposium (2023)
- **Project Lead**: Inaugural NextGen Scholarship for Underrepresented Minorities (cross-committee collaboration; 2020 – 2022)
- **Conference Volunteer**: 35th Annual NESS Symposium (2022)
- **Invited Panelist**: NextGen Data Science Day roundtable (2022)

- **Outreach Manager**: Data Science Day outreach efforts (over 148 schools; 2020 & 2021)
- **Search Lead**: Recruiting student members to the NextGen Committee from various universities across the New England area (2020 – 2021)
- **Invited Chair**: Data Science Day 2020 Careers in Data Science panel session

American Statistical Association (ASA)

- **Student Chapter Representative**: Invited UConn student chapter representative (2018 – 2019)
- **Consultant**: DataFest at Wesleyan University (2018 – 2021)
- **Professional Judge:** DataFest at Wesleyan University (2022 & 2023)

University of Connecticut

- **Elected President**: Graduate Student Committee (2019 – 2020)
- **Elected Secretary**: Graduate Student Committee (2018 – 2019)
- **Active Member**: Graduate Student Committee (2018 – 2023)
- **Conference Volunteer:** UConn Statistics 60th Anniversary Conference: Excellence in Statistics (2022)
- **Department Organizer**: Paper of the month discussion (2019 – 2020)

Columbia University

- **Alumni Interviewer**: Undergraduate applications (2018 – 2023)
- **Co-founder & Vice President**: Analytical Alchemist Club (2016 – 2017)

Georgetown University

- **Alumni Interviewer**: Undergraduate applications (2017 – Present)

INVITED TALKS & CONTRIBUTED POSTER PRESENTATIONS

Nov 12 2022 **Contributed Poster Presentation**, "Moderated Parallel Mediation Analysis of Qualitative Job Insecurity Scale (QUAL-JIS)" (with Theodora Moldovan), NESS NextGen Data Science Day 2022.

Nov 12 2022 **Contributed Poster Presentation (awarded 2nd place overall)**, "Forecasting S&P500 Daily Close Price Intervals on the Commodity Futures Trading Platform Kalshi" (with Yue Yu and Dylan McDermott), NESS NextGen Data Science Day 2022.

Nov 12 2022 **Invited Panelist**, NextGen roundtable, NESS NextGen Data Science Day 2022.

Nov 4 2022 **Invited Talk**, "Maximum Likelihood Approach for Survival Data in the Presence of Competing Risks with Cure Fractions and Masked Causes", UConn Department of Statistics Student Lecture Series (Storrs, CT).

May 6 2022 **Contributed Poster Presentation**, "Establishing Metrics to Assess Perspectives of Virtual Learning in Adolescents with Cancer" (with Jenna McClane, Jennifer Welch, and Rishi Lulla), American Society of Pediatric Hematology/Oncology (ASPHO) Conference (Pittsburgh, PA).

May 1 2022 **Contributed Poster Presentation**, "Diagnostic Accuracy of Endoscopy in Determining Rectal Tumor Proximity to the Peritoneal Reflection" (with Georgianna Sandilos, Clara Zhu, Ron Gefen, James Kovacs, Danica Giugliano, Michael Kwiatt, and Steven McClane), American Society of Colon & Rectal Surgeons (ASCRS) Annual Scientific Meeting (Tampa, FL).

Nov 15 2021 **Invited Talk & Contributed Poster Presentation**, "Bayesian Joint Modeling of Longitudinal and Competing Risk Survival Data in the Presence of Cure Fractions" (with Md. Tuhin Sheikh, Jonathon Gelfond, Joseph Ibrahim, and Ming-Hui Chen), Eastern Asia Chapter of the International Society for Bayesian Analysis (EAC-ISBA) Conference(Atlantic City, NY).

Nov 6 2020 **Invited Chair**, Careers in Data Science panel session, NESS NextGen Data Science Day 2020.

Feb 24 2020 **Invited Talk**, "A Flexible Longitudinal Study Model for Count Data", UConn Department of Statistics Weekly Departmental Student Seminar Series (Storrs, CT).

Mar 23 2018 **Invited Talk**, "Sharpening Our Statistical Toolkit – A Rebirth of Classical Powerful Techniques", Columbia University Analytical Alchemists Club (New York, NY).

Apr 14 2016 **Contributed Poster Presentation**, "An Application of the Conway-Maxwell-Poisson Distribution Through a Longitudinal Study" (with Kimberly Sellers), Georgetown Undergraduate Research Conference (URC) (Washington DC).

PROFESSIONAL SOCIETY MEMBERSHIPS

May 2023 – Present Institute of Mathematical Statistics (IMS)

May 2023 – Present International Society for Bayesian Analysis (ISBA) Lifetime Member

May 2022 – Present American Statistical Association (ASA)

Nov 2019 – Present New England Statistical Society (NESS)

May 2016 – Present Sigma Xi Scientific Research Honor Society (Elected Associate Member by the Georgetown University chapter)

SUPPLEMENTAL EDUCATION

March 2020 **Disability Awareness & Inclusive Teaching Online Training**, University of Connecticut (Allison Lombardi and Emily Tarconish)