

## Academic Appointments

- 2025–pres. **Associate Professor of the Practice of Statistical Science, Duke University**  
2020–2025 **Assistant Professor of the Practice of Statistical Science, Duke University**
  - **QuadEx Faculty Fellow, 2022-2024**
  - **Alumni Distinguished Undergraduate Teaching Award, 2022**

### Other research engagements

- 2017–pres. **Research Collaborator, Center for Gastrointestinal Biology and Disease, UNC-CH**  
2015–2023 **Special Volunteer, Biostatistics & Computational Biology Branch, NIH (NIEHS)**

## Education

- 2014–2020 **PhD, Biostatistics, University of North Carolina, Chapel Hill, NC**
  - *Contributions to effect size measures for mediation analysis*
  - Advisors: **Jason Fine & Shanshan Zhao**

2008–2012 **BS, Statistical Science (with distinction), Duke University, Durham, NC**  
**BA, Earth & Ocean Sciences**

## Publications

& denotes student/advisee first author; \*denotes co-first author.

### Peer-reviewed manuscripts: in print or accepted/in press

- 43 Kilday D, Tatum D, Korvink M, Belk KW, Beals J, Finke A, Martin S, Perigard R, Marshall R, **Jiang Y**, Ibrahim JG, Yeh J, Fink DA. "A novel maternal prenatal risk index to predict mortality-weighted severe maternal morbidity at hospitalization: a retrospective cohort study." *The Lancet: Regional Health-Americas*, 2026 Jul.; 59.
- 42 Matevish LE, **Jiang Y\***, Jones AR, Yao Z, Lippe B, Wojchichowski D, Shah JA, Levea SL, Vagefi PA, Singal AG, VanWagner LB, Lieber SR, Patel MS. "Psychiatric disease and medical financial burden among commercially insured adult kidney transplant recipients in the United States." *Liver Transplantation*, 2026 Mar.; 40(3): e70517. PMID: 41870012.
- 41 &Ni-Hahn S, &Zhu R, &Yin J, **Jiang Y**, Rudin C, Mak S. "AutoSchA: Automatic hierarchical music representations via multi-relational node isolation." *Proceedings of the AAAI Conference on Artificial Intelligence (AAAI)*, 2026 Jan. arXiv: 2512.18232.
- 40 Cui CL, Reilly MA, Pillado EB, Li RD, Eng JS, **Jiang Y**, Grafmuller LE, DiLosa KL, Conway AM, Escobar GA, Shaw PM, Hu YY, Bilimoria KY, Sheahan MG, Coleman DM. "Trainee autonomy is associated with well-being." *Annals of Vascular Surgery*, 2026 Jan.; 122: 688-697. PMID: 40945689.

- 39 Reilly MA, Cui CL, **Jiang Y**, Pillado EB, Li RD, Eng JS, Grafmuller LE, DiLosa KL, Shaw PM, Hu YY, Bilimoria KY, Coleman DM, Sheahan MG. "A multi-method assessment of the vascular surgery program director experience in creating effective training environments." *Journal of Vascular Surgery*, 2026 Jan.; 83(1): 289-298. PMID: 40907622.
- 38 &Ma M, &Ni-Hahn S, Mak S, **Jiang Y**, Rudin C. "E-Motion Baton: Human-in-the-loop music generation via expression and gesture." *NeurIPS Workshop on AI for Music*, 2025 Dec. arXiv: 2510.10249. **Best Demo Award**.
- 37 &Ni-Hahn S, &Yang P, &Ma M, Rudin C, Mak S, **Jiang Y**. "ProGress: Structured music generation via graph diffusion and hierarchical music analysis." *Advances in Neural Information Processing Systems (NeurIPS)*, 2025 Dec. arXiv: 2510.10249
- 36 Kilday D, Tatum D, Korvink M, Belk KW, Beals J, Finke A, Perigard R, Martin S, Marshall R, **Jiang Y**, Ibrahim JG, Yeh J, Fink DA. "Mortality-weighted severe maternal morbidity: a novel approach to assessing maternal health outcomes." *BMC Pregnancy Childbirth*, 2025 Nov.; Online ahead of print. PMID: 41291501.
- 35 Lieber SR, Jones AR, **Jiang Y**, Tadros MM, Gowda P, Bardhi O, Tujios S, Cotter TG, Shenoy A, Lippe B, Patel MS, Ngo V, Olumesi MC, Trudeau RE, Whitte JF, Jordan L, Ramirez AN, Mufti AR, Mitchell MC, Singal AG, VanWagner LB. "Pharmacotherapy for alcohol use disorder is underutilized among commercially insured adults with alcohol-associated liver disease." *Gastro Hep Advances*, 2025 Sep.; 4(10): 100799. PMID: 41142520.
- 34 Lieber SR, Bardhi O, **Jiang Y**, Jones AR, Gowda P, Tujios SR, Tirone W, Patel MS, Vagefi P, Hanish S, Ngo V, Olumesi M, Whitt JF, Trudeau R, Mutfi A, Lippe B, Evon DM, Singal AG, VanWagner LB. "Opioid use after adult liver transplantation: Incidence, high-risk use, and adverse events in a large US cohort." *Hepatology Communications*, 2025 Aug.; 9(8): e0765. PMID: 40694388.
- 33 Axelrad JE, **Jiang Y**, Colombel JF, Scherl E, Lukin D, Chang S, Chen L, Katz S, Kwah J, Swaminath A, Sultan K, Falleck D, Villagra C, Sharpless V, Sachar D, Itzkowitz SH, for NYCCO. "Safety of Immunosuppression in A Prospective Cohort of Inflammatory Bowel Disease Patients with a HlstoRy of CancEr: SAPPHERE Registry." *Clinical Gastroenterology and Hepatology*. 2025 Apr.; 23(5): 855-865.e5. PMID: 38768673
- 32 **Jiang Y**, Lieber SR. "Quantile regression in the field of liver transplantation: A case study-based tutorial." *Liver Transplantation*, 2025 Feb.; 31(2): 221-230. PMID: 39101780.
- 31 &Ni-Hahn S, &Xu W, &Yin J, &Zhu R, Mak S, **Jiang Y**, Rudin C. "A new dataset, notation software, and representation for computational Schenkerian analysis." *Conference of the International Society for Music Information Retrieval (ISMIR)*, 2024 Nov. arXiv: 2408.07184.

- 30 Lieber SR, Jones AR, **Jiang Y**, Gowda P, Patel MS, Lippe B, Shenoy A, Evon DM, Gurley T, Ngo V, Olumesi M, Trudeau R, Ramirez AN, Jordan-Genco L, Mufti A, Lee SC, Singal AG, VanWagner LB. "Psychiatric diagnoses are common after liver transplantation and are associated with increased health care utilization and patient financial burden." *Liver Transplantation*, 2024 Nov.; 30(11): 1145-1158. PMID: 38713020.
- 29 Lieber SR, **Jiang Y**, Jones AR, Gowda P, Ufere NN, Patel MS, Gurley T, Ramirez AN, Ngo VM, Olumesi MC, Trudeau RE, Marrero J, Craddock Lee SJ, Mufti A, Singal AG, VanWagner LB. "Financial burden after liver transplantation is significant among commercially insured adults: A large U.S. National Cohort." *Liver Transplantation*, 2024 Sep. 1;30(9):932-944. PMID: 38108824.
- 28 &Hahn S, &Yin J, &Zhu R, &Xu W, **Jiang Y**, Mak S, Rudin C. "SentHYMNent: An interpretable and sentiment-driven model for algorithmic melody harmonization." *Proceedings of the 30th ACM SIGKDD Conference on Knowledge Discovery and Data Mining*, 2024 Aug.; 5050-60.
- 27 Patel MJ, Jones A, **Jiang Y**, Gowda P, VanWagner LB, Cotter TG, El Dahan KS, Louissaint J, Patel M, Rich NE, Singal AG, Lieber SR. "Psychiatric disorders in patients with hepatocellular carcinoma: A large US cohort of commercially insured individuals." *Alimentary Pharmacology & Therapeutics*, 2024 Aug.; 60(4): 469-78. PMID: 38863242.
- 26 Desai R, **Jiang Y**, Daher D, El Dahan KS, Rich NE, Patel M, Louissaint J, Cotter T, VanWagner LB, Lieber SR, Singal AG "Financial burden in a US cohort of patients with hepatocellular carcinoma." *Hepatology Communications*, 2024 Jun.; 8(6):e0453. PMID: 38829203.
- 25 &Polascik BA, **Jiang Y**, Schmitt D. "Step type is associated with loading and ankle motion in tap dance." *PLoS One*, 2024 May; 19(5): e0303070. PMID: 38809842.
- 24 Kayal M, Deepak P, Beniwal-Patel P, Raffals L, Dubinsky M, Chang S, Higgins P, **Jiang Y**, Cross RK, Long MD, Herfarth HH, Barnes EL. "Changes in therapy are not associated with remission in patients with Crohn's disease of the pouch." *The American Journal of Gastroenterology*, 2024 Mar. 1;119(3):584-587. PMID: 37975591.
- 23 Chugh R, Long MD, **Jiang Y**, Weaver KN, Beaulieu DB, Scherl EJ, Mahadevan U. "Maternal and neonatal outcomes in vedolizumab and ustekinumab exposed pregnancies: Results from the PIANO registry." *The American Journal of Gastroenterology*. 2024 Mar.; 119(3): 468-76. PMID: 37796648
- 22 &Hahn S, &Zhu R, Mak S, Rudin C, **Jiang Y**. "An interpretable, flexible, and interactive probabilistic framework for melody generation." *Proceedings of the 29th ACM SIGKDD Conference on Knowledge Discovery and Data Mining*, 2023 Aug.; 4089-99.
- 21 Barnes EL, Long MD, Raffals L, Isaacs K, Stidham RW, Herfarth HH, Deepak P, Beniwal-Patel P, Kayal M, Dubinsky M, Chang S, Higgins PDR, Barr JI, **Jiang Y**, Cross RK. "Development of the Endoscopic Pouch Score for assessment of inflammatory conditions of the pouch." *Clinical Gastroenterology and Hepatology*, 2023 Jun.; 21(6): 1663-1666.e3. PMID: 35568303.

- 20 &Nwosu C, Wittstein J, Erickson M, Schroeder N, Santiesteban L, Klifto C, **Jiang Y**, Shapiro L. "Representation of female speakers at the American Academy of Orthopaedic Surgeons (AAOS) Annual Meetings over time." *The Journal of the American Academy of Orthopaedic Surgeons*, 2023 Mar.; 31(6): 293-91. PMID: 36727899.
- 19 Moon AM, Kim HP, **Jiang Y**, Lupu G, Bissram JS, Barritt AS, Tapper EB. "Systematic review and meta-analysis on the effects of lactulose and rifaximin on patient-reported outcomes in hepatic encephalopathy." *The American Journal of Gastroenterology*, 2023 Feb.; 118(2): 284-93. PMID: 36730910.
- 18 Lieber SR, **Jiang Y**, Moon A, Barritt AS. "Antiplatelet medications are associated with bleeding and decompensation events among patients with cirrhosis." *Journal of Clinical Gastroenterology*, 2022 Aug.; 56(7): 627-34. PMID: 34049373.
- 17 Barnes EL, Deepak P, Beniwal-Patel P, Raffals L, Kayal M, Dubinsky M, Chang S, Higgins PDF, Barr JI, Galanko J, **Jiang Y**, Cross RK, Long MD, Herfarth HH. "Treatment patterns and standardized outcome assessments among patients with inflammatory conditions of the pouch in a prospective multicenter registry." *Crohn's and Colitis 360*, 2022 Jul.; 4(3): otac030. PMID: 36082341.
- 16 Deutsch-Link S, **Jiang Y**, Peery AF, Barritt AS, Bataller R, Moon AM. "Alcohol-associated liver disease mortality increased from 2017 to 2020 and accelerated during the COVID-19 pandemic." *Clinical Gastroenterology and Hepatology*, 2022 Sep. 20(9): 2142-4.e2. PMID: 35314353.
- 15 Deutsch-Link S, Moon AM, **Jiang Y**, Barritt AS, Tapper EB. "Serum ammonia in cirrhosis: clinical impact of hyperammonemia, utility of testing, and national testing trends." *Clinical Therapeutics*, 2022 Mar. 44(3): e45-57. PMID: 35125217.
- 14 Kim HP, **Jiang Y**, Farrell TM, Peat CM, Hayashi PH, Barritt AS. "Roux-en-Y gastric bypass is associated with increased hazard for de novo alcohol-related complications and liver disease." *Journal of Clinical Gastroenterology*, 2022 Feb.; 56(2): 181-5. PMID: 33780222.
- 13 Kochar B, **Jiang Y**, Chen W, Bu Y, Barnes EL, Long MD. "Home infusions for inflammatory bowel disease are safe: United States experience and patient perspectives." *Crohn's and Colitis 360*, 2021 Jul.; 3(3): otab063. PMID: 34805985.
- 12 Lieber SR, **Jiang Y**, Moon AM, Barritt AS. "Antiplatelet medications are associated with bleeding and decompensation events among patients with cirrhosis." *Journal of Clinical Gastroenterology*, 2021 May. PMID: 34049373.
- 11 Kochar B, **Jiang Y**, Long MD. "Patients with inflammatory bowel diseases are at higher risk for meningitis." *Journal of Clinical Gastroenterology*, 2021 Apr; 55(4): 350-4. PMID: 32482950.
- 10 Moon AM, **Jiang Y\***, Rogal SS, Becker J, Barritt AS. "In inpatients with cirrhosis opioid use is common and associated with length of stay and persistent use post-discharge." *PLoS One*, 2020 Feb.; 15(2): e0229497. PMID: 32101574.

- 9 Moon AM, **Jiang Y**, Rogal SS, Tapper EB, Lieber SR, Barritt AS. "Opioid prescriptions are associated with hepatic encephalopathy in a national cohort of patients with compensated cirrhosis." *Alimentary Pharmacology & Therapeutics*, 2020 Jan.; 51(6): 15639. PMID: 31960985.
- 8 **Jiang Y\***, Zhao S\*, Weinberg CR. "Use of detailed family history data to improve risk prediction, with application to breast cancer." *PLoS One*, 2019 Dec.; 14(12): e0226407. PMID: 31846476.
- 7 Kochar B, **Jiang Y**, Winn A, Barnes EL, Martin CF, Long MD, Kappelman MD. "The early experience with vedolizumab in the United States." *Crohn's and Colitis 360*, 2019 Oct.; 1(3): otz027. PMID: 31667469.
- 6 Barnes EL, **Jiang Y**, Kappelman MD, Long MD, Sandler RS, Kinlaw AC, Herfarth HH. "Decreasing colectomy rate for ulcerative colitis in the United States between 2007 and 2016: a time trend analysis." *Inflammatory Bowel Diseases*, 2019 Oct.: izz247. PMID: 31634390.
- 5 Lieber SR, Lee RA, **Jiang Y**, Reuter C, Watkins R, Szempruch K, Gerber D, Desai CS, DeCherney GS, Barritt AS. "The impact of post-transplant diabetes mellitus on liver transplant outcomes." *Clinical Transplantation*, 2019 Jun.; 33(6): e13554. PMID: 30927288.
- 4 Barritt AS, **Jiang Y**, Schmidt M, Hayashi PH, Bataller R. "Charges for alcoholic cirrhosis exceed all other etiologies of cirrhosis combined: a national and state inpatient survey analysis." *Digestive Diseases and Sciences*, 2019 Jun.; 64(6): 1460-9. PMID: 30673984.
- 3 **Jiang Y**, Fine JP, Mottl AK. "Competing risk of death with end-stage renal disease in diabetic kidney disease." *Advances in Chronic Kidney Disease*, 2018 Mar.; 25(2): 133-40. PMID: 29580577.
- 2 Cote M, Chen A, **Jiang Y**, Cheng V, Lieberman JR. "Persistent pulmonary embolism rates following total knee arthroplasty even with prophylactic anti-coagulants." *Journal of Arthroplasty*, 2017 Dec.; 32(12): 3833-9. PMID: 28807470.
- 1 Cheng V, Johnson M, Byerly S, **Jiang Y**, Matsushima K, Haltmeier T, Benjamin E, Lam L, Inaba K. "The impact of pre-injury controlled substance use on clinical outcomes following trauma." *Journal of Trauma and Acute Care Surgery*, 2016 Nov.; 81(5): 913-20. PMID: 27537515.

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## Teaching

Courses taught or developed

## Duke University

- **STA 102L**: Introduction to Biostatistics: [Spring 2020](#), [Fall 2020](#), [Spring 2022](#)
- **STA 198L (course developer)**: Introduction to Health Data Science: [Summer 2020](#), [Fall 2025](#), [Spring 2026](#)
- **STA 199L**: Introduction to Data Science: [Spring 2020](#), [Fall 2020](#)
- **STA 210L**: Regression Analysis: [Spring 2023](#), [Spring 2024](#)
- **STA 211**: The Mathematics of Regression: [Spring 2023](#)
- **STA 291**: Independent Study, Fall 2020
- **STA 391**: Independent Study, Spring 2026
- **STA 393**: Research Independent Study, Fall 2025
- **STA 440L**: Case Studies in the Practice of Statistics: [Spring 2021](#), [Fall 2021](#), [Spring 2022](#), [Fall 2022](#), [Fall 2023](#), [Spring 2024](#), [Fall 2024](#), [Spring 2025](#)
- **STA 490**: Special Topics: Analysis of Time-to-Event Data, [Fall 2024](#)
- **STA 493**: Research Independent Study, Fall 2021, Spring 2022, Fall 2022, Spring 2023, Fall 2023, Spring 2025
- **STA 521L**: Predictive Modeling and Statistical Learning, [Fall 2025](#)
- **STA 583 (course developer)**: Communicating Statistics and Data Science: [Spring 2023](#), [Spring 2024](#), [Spring 2025](#)
- **STA 690**: Special Topics: Analysis of Time-to-Event Data, [Fall 2024](#)
- **STA 693**: Research Independent Study, Fall 2022, Fall 2023

## Duke University Medical Center

- **INTERDIS 300B course developer**: Quantitative Medicine and Decision Making: Medical Statistics (Fall 2021, Spring 2022, Fall 2022, Spring 2023, Fall 2023, Fall 2024)

## University of North Carolina, Chapel Hill

- **STA 600**: Principles of Statistical Inference: Fall 2017

## Short courses, workshops, or conferences organized

- 2024 **Teaching and Evaluating Data Communication At Scale Conference co-organizer** with Stoudt S. IMSI Workshop, January 10-12, 2024
- 2022 **Preparing for Careers in Teaching Statistics and Data Science**  
Co-taught with Chance B, Çetinkaya-Rundel M, Evans C, Hardin J, Oehrlein J, Stoutdy, S, Tackett M, and Theobald A. Workshop in advance of JSM 2022.
- 2022 **Supporting Mentored Undergraduate Research in Statistics**  
Co-led with Durso JC, Beresson B, and Tam E. eCOTS 2022.
- 2021 **Learning to Write, Writing to Learn: Incorporating Formal Peer Review in Statistics Courses**  
Virtual Birds of a Feather Discussion session led at JSM 2021.
- 2021 **Preparing for Careers in Teaching Statistics and Data Science**  
Co-taught with Chance B, Çetinkaya-Rundel M, Genschel U, Horton N, Hu JM, Rossman A, Stoudt S, Theobald A, and Ward J. Virtual workshop in advance of JSM 2021.

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## Mentoring

### Postdoc Advisor

Stephen Hahn (co-advised with Simon Mak and Cynthia Rudin, 2025–pres.)

### PhD Advisor

Stephen Hahn (co-advised with Simon Mak and Cynthia Rudin, 2020–2025)

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## PhD Committee

Shuo Wang, 2025–pres.

## Master's Thesis Advisor

Yanjiao Yang (2024), Kyungeun Jeon (2024)

## Master's Capstone Project Mentor

Su Zhang (2026), Danish Maknojia (2026), Chris Moreira (2026), Shawn Lee (2026), Hung-Chun Lu (2026), Yun-Chung Liu (2025), Keon Nartey (2025), Suim Park (2025), Bob Zhang (2025), Huiying Lin (2024), Emmanuel Ruhamyankaka (2024), Xinyi Sheng (2024), Bei Yu (2024)

## Undergraduate Honors Thesis Advisor

Anmol Sapru (2026), Dom Fenoglio (2026), Eunice Lee (2026), Jack Nowacek (2025), Athena Ru (2025), Ro Huang (2023), Eden Deng (2023), Brooke Harmon (2023), Leona Lu (2023), Abbey List (2022), Yanchen Ou (2022), Linda Tang (2022), Cindy Weng (2022)

## Undergraduate Independent Study Advisor

Ajani Adovor (2026), Anmol Sapru (2025), Ro Huang (2023), Yihan Shi (2022), Zach Khazzam (2021), Yanchen Ou (2021)

## Misc.

Yihan Shi (MUSER, 2021), Stephon Ricks (SPIRE, 2024)

## Consortium for the Advancement of Undergraduate Statistics Education

Students that I have mentored and taught in classes have won numerous awards in nationally-competitive undergraduate statistics research competitions in blind judging:

- 2024: **Hon. Mention**, USRESP: Miles King, James Gao, Harry Wang, Frankie Willard
- 2023: **3rd place**, USRESP: Ryan Mitchell
- 2023: **3rd place**, USCLAP Intermediate Division: Ro Huang
- 2022: **1st place**, USCLAP Introductory Division: Rhea Niyyar, George Romero, Julia Caci
- 2022: **3rd place**, USCLAP Introductory Division: Cordelia Hume, Clare Sparling
- 2021: **1st place**, USRESP: Linda Tang
- 2021: **1st place**, USCLAP Intermediate Division: Naomie Gao, Foxx Hart, Alex Jackson, Sean Li, Damary Gutierrez Hernandez
- 2021: **2nd place**, USRESP: Lillian Clark
- 2020: **2nd place**, USCLAP Introductory Division: Isaiah Mason, Roy Xiong, Carly Jones
- 2020: **3rd place**, USCLAP Introductory Division: Samuel Liu, Natalie Asmus, Stacy Chen
- 2020: **Hon. Mention**, USCLAP Introductory Division: Bryan Yam
- 2020: **Hon. Mention**, USCLAP Intermediate Division: Ruixin Zhang

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## Notable Awards

- 2022–2024 **QuadEx Fellow**, *Duke University*
- 2022 **Alumni Distinguished Undergraduate Teaching Award**, *Duke University*
- 2022 **Faculty Seed Grant**, *Duke University*  
*Building a Community of Practice for Statistics and Data Science Education Researchers*, co-PI with Dr. Mine Çetinkaya-Rundel
- 2019 **Travel Award**, *University of North Carolina, Chapel Hill*
- 2014–2017 **NIH Trainee**, *University of North Carolina, Chapel Hill*  
T32ES007018: Biostatistics for Research in Environmental Health (Dr. Amy Herring).

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- 2017 **Delta Omega Service Award**, *University of North Carolina, Chapel Hill*
- 2016 **ENAR RAB Poster Competition Award**
- 2016 **NSF Graduate Research Fellowship Program Honorable Mention**
- 2015 **NIH Intramural Research Training Award**, *NIEHS*
- 2014 **Fryer Fellowship**, *University of North Carolina, Chapel Hill*

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## Service to the University and Profession

### 2020–pres. **Duke University**

Committee memberships and other service listed here; leadership roles highlighted in **bold**

- 2025–pres. (*ad hoc*) Enrollment Subcommittee, Curriculum Implementation Committee
- 2025–pres. Constellations Lead, *Natural Systems*
- 2024–pres. Constellations Committee
- 2023–pres. **Faculty Director**, Alumni Endowed Scholars Program
- 2023–pres. **Faculty Director**, Trinity Scholars Program
- 2022–pres. Assessment Committee, Arts and Sciences Council
- 2020–pres. **Department Representative**, Arts and Sciences Council
- 2021–2025 College Advisor, Academic Advising Center
- 2022–2024 Student Success Advisory Committee, Office of Undergraduate Education
- 2021–2023 **Chair**, Academic Integrity Tutorial Committee, Office of Student Affairs
- 2020–2021 Academic Integrity Committee, Office of Student Affairs

### 2020–pres. **Duke University, Department of Statistical Science**

- 2025 **Associate Director of Undergraduate Studies**
- 2023–2025 Undergraduate Curriculum Committee
- 2021–pres. MSS Admissions Committee
- 2021–pres. MSS Portfolio Committee
- 2021–pres. Faculty PI, Introduction to Undergraduate Research in Statistics Workshop
- 2020–2023 **Chair**, Social Committee

### 2021–pres. **Duke University Medical School**, Course Co-Director

Quantitative Medicine and Decision Making II

### 2021–pres. **American Statistical Association**

- 2021–2023 Section on Risk Analysis, Secretary / Treasurer
- 2021–2023 Section on Statistics & Data Science Education, Mentor

### 2020–pres. **Consortium for the Advancement of Undergraduate Statistics Education**

Judge, USPROC (undergraduate statistics project competition)

### 2022–pres. **Liver Transplantation**, Editorial Board

### 2015–pres. **ASA DataFest@Duke**

Coordinator of judges and/or consultants (2025, 2024, 2022, 2020); Judge (2019 - 2024); Consultant (2015–2019)

#### **Textbook Reviews**

Including for Chapman & Hall/CRC Press, Cambridge Univ. Press, Elsevier. Full review of 6 complete textbooks; sample chapters from 6 additional textbooks

#### **Manuscript/Conference Reviews**

Including for eCOTS, Annals of Applied Statistics, BMC Cardiovascular Disorders, Clinical Gastroenterology and Hepatology, Inflammatory Bowel Diseases, Journal of Data Science, Journal of Statistical Theory and Practice, Journal of Statistics and Data Science Education, Liver Transplantation, North Carolina Medical Journal, PLoS Medicine, PLoS One, The Lancet: Child and Adolescent Health, WIRES Computational Statistics

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