



## **Christopher Flathmann, PhD**

**Assistant Professor**, Human-Centered Computing  
**Director**, Building Intelligent Goals for Collaborative AI  
Technology (BIG CAT) Research Group

**Co-Director**, Clemson University Center for Human-AI  
Interaction, Collaboration, and Teaming

School of Computing  
College of Engineering, Computing, and Applied Sciences  
Clemson University

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## CURRICULUM VITAE

### College of Computing, Engineering, & Applied Science

#### Christopher Flathmann

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School of Computing, Clemson University  
119 McAdams Hall, Clemson SC, 29631  
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#### Education

- Ph.D. Human-Centered Computing, Clemson University, 2023 (Advisor: Nathan J. McNeese)
- B.S. Computer Science, Clemson University University, 2018

#### Appointments

##### *Primary*

- 2024- **Assistant Professor**, Human-Centered Computing, School of Computing, College of Engineering, Computing and Applied Sciences, Clemson University
- 2023-2024 **Research Assistant Professor**, Human-Centered Computing, School of Computing, College of Engineering, Computing and Applied Sciences, Clemson University

##### *Secondary*

- 2024- **Director**, Building Intelligent Goals for Collaborative AI Technologies (BIG CAT) Research Group, Clemson University;
- 2024- **Co-Director**, Center for Human-AI Interaction, Collaboration, and Teaming (CU-CHAI), Clemson University;
- 2023-2024 **Associate Director**, Team Research Analytics in Computational Environments (TRACE) Research Group, Clemson University;  
<https://computing.clemson.edu/trace/>

## Achievement Highlights

- Over **35 publications** on human-AI collaboration in top HCI and Human Factors conferences and journals.
- Received a **2025 AFOSR Young Investigator Award as a First-Year Tenure-Track Professor**
- **Four best papers** received or nominated for Best Paper Award in ACM GROUP, ACM HAI, HICSS, ACM TIIS
- **Reviewer for over 20 journals, conferences, and funding organizations.**
- **Over \$4 million is awarded research funding.**
- **Helped start and currently Co-Direct Clemson University's Center for Human-AI Interaction, Collaboration, and Teaming**

## Sponsored Research Grants and Gifts

### Funding Summary

Awarded (total across all grants/gifts): \$4,219,601

Flathmann PI projects: \$740,160

Flathmann Allocation at Clemson: \$1,552,064

### External PI, Co-PI, & Senior Personnel(Active):

- |             |   |
|-------------|---|
| <b>2025</b> | Leveraging Autonomous and Human Teammates to Manage Conflict in Human-Autonomy Teams, Ensuring Trust, Team Cohesion, and Resilience. AFOSR. (PI, 100%) <b>\$390,222</b> *Contract in Process  |
| <b>2025</b> | Project Rainfly: Exploring Offensive Attack Vectors in Human-AI Teams. Mile2 Subcontract for US Air Force. (PI, 65%) <b>\$349,938</b>   |
| <b>2024</b> | Leveraging Adaptive Autonomous Teammates to Enable Resilience and Situational Awareness in Human-Autonomy Teams. ARL. (Co-PI, 45%) <b>\$212,718</b>   |
| <b>2023</b> | Minimizing the Impact of Cognitive and Physical Limitations from Humans and Autonomy Through the Development, Training, and Implementation of Human-Autonomy Teaming in Underwater Environments. ONR. (Co-PI, 30%) <b>\$1,095,901</b> |
| <b>2023</b> | Collaborative Research: FW-HTF-RL: The Future of Aviation Inspection: Artificial Intelligence and Mixed Reality as Agents of Transformation. NSF. (Senior Personnel, 17%) <b>\$1,558,433</b>  |

- 2023**      Synchronizing Collaborations for Human-Autonomy Teaming and Ethical Autonomy Use. AFOSR DURIP. (Co-PI, 40%) **\$612,389**

External Development & Writing Support of Funded Work:

- 2021      The Spread of Trust and Distrust in Distributed Human-Autonomy Teaming Constellations. AFOSR. **\$1,302,657**
- 2021      Connecting and Leveraging Physical and Digital Dimensions to Advance Human-Autonomy Teaming. ONR DURIP. **\$295,792**
- 2020      Promoting Human Interpretation and Interaction to Mitigate Bias in Artificial Intelligence Assisted Decision Aids. ONR. **\$444,368**
- 2020      Considerations of Ethical and Unethical Behavior on Trust in Human-Autonomy Teaming. AFOSR. **\$586,538**

**Publications**

*Dissertation (Approved by Committee)*

- D.1      **Flathmann, C.** (February 2023). How to Make Agents and Influence Teammates: Understanding the Social Influence AI Teammates Have in Human-AI Teams. Committee: Nathan McNeese, Brian Dean, Eileen Kraemer, Brygg Ullmer, Laine Mears

*Journal Articles*

- JA.25    **Flathmann, C.**, McNeese, N. J., & O'Neill, T. A. (2025). Designing High-Impact Experiments for Human-Autonomy/AI Teaming. *Journal of Cognitive Engineering and Decision Making*, 15553434251327697. <https://doi.org/10.1177/15553434251327697>
- JA.24    Zhang, R., Duan, W., **Flathmann, C.**, McNeese, N., Knijnenburg, B., & Freeman, G. (2024). Verbal vs. Visual: How Humans Perceive and Collaborate with AI Teammates Using Different Communication Modalities in Various Human-AI Team Compositions. *Proceedings of the ACM on Human-Computer Interaction*, 8(CSCW2), 1-34. <https://doi.org/10.1145/3686976>
- JA.23    Sengupta, S., **Flathmann, C.**, Schelble, B., Lyons, J. B., & McNeese, N. (2024). An analysis of ethical rationales and their impact on the perceived moral persona of AI teammates. *AI and Ethics*, 1-13. <https://doi.org/10.1007/s43681-024-00515-5>

- JA.22 Schelble, B. G., **Flathmann, C.**, Macdonald, J. P., Knijnenburg, B., Brady, C., & McNeese, N. J. (2024). Modeling perceived information needs in human-AI teams: improving AI teammate utility and driving team cognition. *Behaviour & Information Technology*, 1–24.  
<https://doi.org/10.1080/0144929X.2024.2396476>
- JA.21 Mallick, R., **Flathmann, C.**, Duan, W., Schelble, B. G., & McNeese, N. J. (2024). What you say vs what you do: Utilizing positive emotional expressions to relay AI teammate intent within human-AI teams. *International Journal of Human-Computer Studies*, 103355.  
<https://doi.org/10.1016/j.ijhcs.2024.103355>
- JA.20 Hauptman, A. I., Mallick, R., **Flathmann, C.**, & McNeese, N. J. (2024). Human factors considerations for the context-aware design of adaptive autonomous teammates. *Ergonomics*, 1-17.  
<https://doi.org/10.1080/00140139.2024.2380341>
- JA.19 Hauptman, A. I., **Flathmann, C.**, & McNeese, N. J. (2024). Adapting to the human: A systematic review of a decade of human factors research on adaptive autonomy. *Applied Ergonomics*, 120, 104336.  
<https://doi.org/10.1016/j.apergo.2024.104336>
- JA.18 Hauptman, A. I., Schelble, B. G., Duan, W., **Flathmann, C.**, & McNeese, N. J. (2024). Understanding the influence of AI autonomy on AI explainability levels in human-AI teams using a mixed methods approach. *Cognition, Technology & Work*, 1-21. <https://doi.org/10.1007/s10111-024-00765-7>
- JA.17 **Flathmann, C.**, Duan, W., McNeese, N., Hauptman, A., & Zhang, R. (2024). Empirically Understanding the Potential Impacts and Process of Social Influence in Human-AI Teams. *Proceedings of the ACM on Human-Computer Interaction*. (CSCW). <https://doi.org/10.1145/3637326>
- 🏆JA.16 Zhang, R., **Flathmann, C.**, Duan, W., Schelble, B.G., McNeese, N.J., & Knijnenburg, B. (2024). I Know This Looks Bad, But I Can Explain: Understanding When AI Should Explain Actions In Human-AI Teams. *ACM Transactions on Interactive Intelligent Systems*.  
<http://dx.doi.org/10.1145/3635474>  
**\*Recognized as Feature Paper by TIIS**
- JA.15 O'Neill, T. A., **Flathmann, C.**, McNeese, N. J., Jones, S. K., & Schelble, B. (2024). A comment on “Can you Outsmart the Robot? An Unexpected Path to Work Meaningfulness” by Bernadeta Goštautaitė, Irina Liubertė, Sharon K. Parker, and Ilona Bučiūnienė: Calling for a different path for the future of human-robot teaming. *Academy of Management Discoveries*.  
<https://doi.org/10.5465/amd.2024.0009>

- JA.14 Musick, G., Duan, W., Sengupta, S., **Flathmann, C.**, Knijnenburg, B., & McNeese, N.J., (2024). To share or not to share: Understanding and modeling individual disclosure preferences in recommender systems for the workplace. *ACM GROUP*. <https://doi.org/10.1145/3633074>
- JA.13 Lancaster, C., Schulenberg, K., **Flathmann, C.**, McNeese, N.J., & Freeman, G., (2024). "It's Everybody's Role to Speak Up... But Not Everyone Will": Understanding AI Professionals' Perceptions of Accountability for AI Bias Mitigation. *ACM Responsible Computing*. <https://doi.org/10.1145/3632121>
- JA.12 Musick, G., Hauptman, A. I., **Flathmann, C.**, McNeese, N. J., & Knijnenburg, B. P. (2023). Recommendations with Benefits: Exploring Explanations in Information Sharing Recommender Systems for Temporary Teams. *International Journal of Human-Computer Interaction* <https://doi.org/10.1080/10447318.2023.2278933>
- JA.11 Mallick, R., **Flathmann, C.**, Lancaster, C., Hauptman, A., McNeese, N.J., & Freeman, G., (2023). The pursuit of happiness: the power and influence of AI teammate emotion in human-AI teamwork *Behavior and Information Technology*. <https://doi.org/10.1080/0144929X.2023.2277909>
- JA.10 **Flathmann, C.**, Schelble, B.G., McNeese, N.J., Knijnenburg, B., Gramopadhye, A., & Madathil K.C. (2023). The Purposeful Presentation of AI Teammates: Impacts on Human Acceptance and Perception. *International Journal of Human-Computer Interaction*. <https://doi.org/10.1080/10447318.2023.2254984>
- JA.9 Mcneese, N.J., **Flathmann, C.**, O'Neill, T., & Salas, E., (2023). Stepping out of the shadow of human-human teaming: Crafting a unique identity for human-autonomy teams *Computers in Human Behavior*. <https://doi.org/10.1016/j.chb.2023.107874>
- JA.8 O'Neill, T., **Flathmann, C.**, McNeese, N.J., & Salas, E., (2023). 21st Century teaming and beyond: Advances in human-autonomy teamwork *Computers in Human Behavior*. <https://doi.org/10.1016/j.chb.2023.107865>
- JA.7 **Flathmann, C.**, Schelble, B. G., Rosopa, P. J., McNeese, N. J., Mallick, R., & Madathil, K. C. (2023). Examining the impact of varying levels of AI teammate influence on human-AI teams. *International Journal of Human-Computer Studies*, 177, 103061. <https://doi.org/10.1016/j.ijhcs.2023.103061>
- JA.6 O'Neill, T., **Flathmann, C.**, McNeese, N.J., & Salas, E., (2023). Human-autonomy Teaming: Need for a guiding team-based framework? *Computers in Human Behavior*. <https://doi.org/10.1016/j.chb.2023.107762>

- JA.5 Zhang, R., Wen, D., **Flathmann, C.**, Freeman, G., & McNeese, N.J. (2023). Investigating AI Teammate's Communication Strategies and Their Impact in Human-AI Teams For Effective Teamwork. *Proceedings of the ACM on Human-Computer Interaction*. (CSCW). <https://doi.org/10.1145/3610072>
- JA.4 **Flathmann, C.**, McNeese, N.J., Schelble, B.G., Knijnenburg, B., & Freeman, G. (2023). Understanding the Impact and Design of AI Teammate Etiquette. *Human-Computer Interaction*. <https://doi.org/10.1080/07370024.2023.2189595>
- JA.3 Schelble, B., **Flathmann, C.**, McNeese, N.J., O'Neill, T., Pak, R., & Namara, M. (2022). Investigating the Effects of Perceived Teammate Artificiality on Human Performance and Cognition. *International Journal of Human-Computer Interaction*. <https://doi.org/10.1080/10447318.2022.2085191>
- JA.2 Schelble, B.G., **Flathmann, C.**, Musick, G., McNeese, N.J., & Freeman, G. (2022). I See You: Examining the Role of Spatial Information in Human-Agent Teams. *Proceedings of the ACM on Human-Computer Interaction*. (CSCW), 1-27. <https://doi.org/10.1145/3555099>
- 🏆 JA.1 Schelble, B.G., **Flathmann, C.**, McNeese, N.J., Freeman, G., & Mallick, R. (2022). Let's Think Together! Assessing Shared Mental Models, Performance, and Trust in Human-Agent Teams. *Proceedings of the ACM on Human-Computer Interaction*. 6(GROUP), 1-29. <https://doi.org/10.1145/3492832>  
**\*Honorable Mention Paper Award**

*Book Chapters:*

- B.3 Sengupta, S., Wen, D., **Flathmann, C.**, & McNeese, N. J. (in press). Sustaining human-AI collaboration: Exploring the interplay between ethics and trust. In T. Reimer, L. van Swol., & A. Florack (Eds.), *The Routledge Handbook of Communication and Social Cognition*. Routledge/Taylor and Francis.
- B.2 **Flathmann, C.**, Schelble, B.G., & McNeese, N.J. (2023). Refocusing Human-AI Interaction Through a Teamwork Lens. Book Chapter in *Handbook on Virtual Work*. Edward Elgar Publishing. <https://doi.org/10.4337/9781802200508.00013>
- B.1 Rapa, L. J., Marshall, J. C., Madison, S. M., **Flathmann, C.**, Knijnenburg, B. P., & McNeese, N. J. (2022). Clemson University's Teacher Learning Progression Program: Personalized Advanced Credentials for Teachers. In *Handbook of Research on Credential Innovations for Inclusive Pathways to Professions* (pp. 313-334). IGI Global. <http://doi.org/10.4018/978-1-7998-3820-3.ch016>

*Conference Full Papers (Referred):*



- C.12 Hauptman, A. I., Schelble, B. G., **Flathmann, C.**, & McNeese, N. J. (2024, May). The Role of Autonomy Levels and Contextual Risk in Designing Safer AI Teammates. In 2024 IEEE 4th International Conference on Human-Machine Systems (ICHMS) (pp. 1-7). IEEE.
- C.11 **Flathmann, C.**, Schelble, B. G., & Galeano, A. (2024, August). Empirical Impacts of Independent and Collaborative Training on Task Performance and Improvement in Human-AI Teams. In Proceedings of the Human Factors and Ergonomics Society Annual Meeting (p. 10711813241274425). Sage CA: Los Angeles, CA: SAGE Publications.
- C.10 Guo, L., **Flathmann, C.**, Anaraky, R., McNeese, N., & Knijnenburg, B. (2022) The Effect of Recommendation Source and Justification on Professional Development Recommendations for High School Teachers. *HT'22: 33rd ACM Conference on Hypertext and Social Media*.  
<https://doi.org/10.1145/3511095.3531280>
- C.9 **Flathmann, C.**, Schelble, B. G., & McNeese, N. J. (2021, September). Fostering Human-Agent Team Leadership by Leveraging Human Teaming Principles. In 2021 IEEE 2nd International Conference on Human-Machine Systems (ICHMS) (pp. 1-6). IEEE. <https://doi.org/10.1109/ICHMS53169.2021.9582649>
- C.8 **Flathmann, C.**, Schelble, B. G., Zhang, R., & McNeese, N. J. (2021, July). Modeling and Guiding the Creation of Ethical Human-AI Teams. In *Proceedings of the 2021 AAI/ACM Conference on AI, Ethics, and Society* (pp. 469-479). <https://doi.org/10.1145/3461702.3462573>
- 🏆C.7 Schelble, B., **Flathmann, C.**, Canonico, L. B., & Mcneese, N. (2021, January). Understanding human-AI cooperation through game-theory and reinforcement learning models. In *Proceedings of the Annual Hawaii International Conference on System Sciences*. Nominated for Best Paper  
<http://dx.doi.org/10.24251/HICSS.2021.041>
- 🏆C.6 **Flathmann, C.**, Schelble, B., Tubre, B., McNeese, N., & Rodeghero, P. (2020, November). Invoking Principles of Groupware to Develop and Evaluate Present and Future Human-Agent Teams. In *Proceedings of the 8th International Conference on Human-Agent Interaction* (pp. 15-24). Awarded Overall Best Paper  
<https://doi.org/10.1145/3406499.3415072>
- C.5 Schelble, B. G., **Flathmann, C.**, & McNeese, N. (2020, November). Towards meaningfully integrating human-autonomy teaming in applied settings. In *Proceedings of the 8th International Conference on Human-Agent Interaction* (pp. 149-156). <https://doi.org/10.1145/3406499.3415077>
- C.4 Musick, G., Maloney, D., **Flathmann, C.**, McNeese, N. J., & Walton, J. (2020, December). Differentiated Instruction further Realized through



Teacher-Agent Teaming. In *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (Vol. 64, No. 1, pp. 1318-1322). Sage CA: Los Angeles, CA: SAGE Publications. <https://doi.org/10.1177%2F1071181320641315>

- C.3 **Flathmann, C.**, McNeese, N., & Canonico, L. B. (2019, November). Using human-agent teams to purposefully design multi-agent systems. In *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (Vol. 63, No. 1, pp. 1425-1429). Sage CA: Los Angeles, CA: SAGE Publications. <https://doi.org/10.1177%2F1071181319631238>
- C.2 Canonico, L. B., **Flathmann, C.**, & McNeese, N. (2019, November). Collectively intelligent teams: Integrating team cognition, collective intelligence, and ai for future teaming. In *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (Vol. 63, No. 1, pp. 1466-1470). Sage CA: Los Angeles, CA: SAGE Publications. <https://doi.org/10.1177%2F1071181319631278>
- C.1 Canonico, L. B., **Flathmann, C.**, & McNeese, N. (2019, November). The wisdom of the market: Using human factors to design prediction markets for collective intelligence. In *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (Vol. 63, No. 1, pp. 1471-1475). Sage CA: Los Angeles, CA: SAGE Publications. <https://doi.org/10.1177%2F1071181319631282>

*Workshop Papers & Organization (Peer Reviewed):*

- WP.4 **Christopher Flathmann,** and Nathan J. McNeese (2022). Understanding the Criticality of Human Adaptation when Designing Human-Centered AI Teammates 2022 NuerIPS workshop on Human-Centered Artificial Intelligence Virtual, December 9, 2022.
- WP.3 Beau G. Schelble, **Christopher Flathmann,** Scalia, M., Zhou, S., Chris Myers, Nathan J. McNeese, Jamie Gorman, Guo Freeman (2022). Addressing the Spread of Trust and Distrust in Distributed Human-AI Teaming Constellations. Workshop on Trust and Reliance in AI-Human Teams (TRAIT). 2022 ACM Conference on Computer-Human Interaction (CHI'22). New Orleans, LA. April 30th, 2022.
- WP.2 Guo, L., Anaraky, R., **Flathmann, C.**, McNeese, N.J., Knijnenburg, B. (2021). How to Recommend Professional Development Pathways to High School Teachers. Workshop on Human-Machine Partnerships in the Future of Work: Exploring the Role of Emerging Technologies in Future Workplaces. 2021 ACM Conference on Computer Supported Cooperative Work (CSCW'21). Virtual. Oct. 23rd, 2021.
- WP.1 Schelble, B.G., **Flathmann, C.**, McNeese, N.J. (2021). Reducing Bias by Prioritizing Multi-Cultural Human-Agent Teams. Workshop on

Human-Machine Partnerships in the Future of Work: Exploring the Role of Emerging Technologies in Future Workplaces. *2021 ACM Conference on Computer Supported Cooperative Work (CSCW'21)*. Virtual. Oct. 23rd, 2021.

*Research Posters:*

- P.2 **Flathmann, C.**, Schelble, B.G., & McNeese, N.J. (2020, September). Creating Human-Oriented Multi-Agent Teams. In *Insights @ BMW Manufacturing Co. LLC*. Greenville, SC.
- P.1 **Flathmann, C.** and Nathan McNeese. 2020. Using Human-Agent Teams to Purposefully Design Multi-Agent Teams. *Clemson 2019 Research Symposium*, 12 April 2019

*Presentations (Invited, Conference, & Program Reviews):*

- PRE.11 Leveraing AI Technology for Social Good and Mobility. Clemson University Brooke T. Smith Launchpad. March 2024.
- PRE.10 Introducing Clemson University's New AI Entrepreneur Competition on AI for Social Good. Clemson University. March 2024.
- PRE.9 Understanding how Robotics will Evolve the Future of Teamwork. HCC 8500. Janurary 2024
- PRE.8 Leveraging AI Technology as a Key Component of Future Manufacturing Strategies. AMFG 6800. October 2023.
- PRE.6 Understanding the Impact of Trust and Ethics in Human-Autonomy Teaming. AFOSR Trust and Influence Annual Program Review Meeting. September 2022.
- PRE.7 Reshaping Human Roles in Future Smart Manufacturing Environments. AMFG 6800. September 2022.
- PRE.6 Connecting and Leveraging Physical and Digital Dimensions to Advance Human-Autonomy Teaming. ONR Science of Autonomy Annual Program Review Meeting. September 2022.
- PRE.5 The role of AI in Future Manufacturing Environments. AMFG 6800. September 2021.
- PRE.4 Fostering Human-Agent Team Leadership by Leveraging Human Teaming Principles. IEEE ICHMS. September 2021.
- PRE.3 Contributing to the NRT Structure and Content. NRT Annual Meeting. January 2021.

PRE.2 Invoking Principles of Groupware to Develop and Evaluate Present and Future Human-Agent Teams. Human-Agent Interaction. October 2020.

PRE.1 Using Human-Agent Teams to Purposefully Design Multi-Agent Systems. Human Factors and Ergonomics Society Annual Meeting. November 2019.

## Teaching

## Student Advising

### *As an Assistant Professor at Clemson University*

2024-present Chase Guynup - PhD, Human-Centered Computing (*multiple projects: 20 hours/week*)

2024-present Han Nguyen - PhD, Human-Centered Computing (*multiple projects: 20 hours/week*)

2024-present Andrew Poe - PhD, Computer Science (*multiple projects: 10 hours/week*)

### *As a Research Assistant Professor at Clemson University*

#### PhD Student Mentorship

2022-present Rohit Mallick- PhD, Human-Centered Computing (*multiple projects: 10 hours/week*)

#### Undergraduate Students

2021-present Jennifer Hsu BS, Computer Science  
(*multiple projects: 10 hours/week*)

2021-present Christian Ihekweazu BS, Computer Science  
(*multiple projects: 10 hours/week*)

2022-present Noah Tavarez BS, Computer Science  
(*multiple projects: 10 hours/week*)

2022-present Jake Macdonald BS, Computer Science  
(*multiple projects: 10 hours/week*)

2021-2023 Alyssa Williams BS, Computer Science  
( *multiple projects: 10 hours/week*)

### *As a PhD Student & Reserach Assistant at Clemson University*

#### PhD Students

2020-2022 Geoffery Musick- PhD, Human-Centered Computing

Undergraduate Students

2018-2020 Casey Hird- BS, Computer Engineering (*multiple projects: 10 hours/week*)

2019-2022 Steve Russell- BS, Computer Science (*multiple projects: 10 hours/week*)

2020-2022 Wesley Everett- BS, Computer Science ( *UPIC Intern*)

2020-2021 Top Lee- BS, Computer Science ( *multiple projects: 10 hours/week*)

**Teaching Experience**

**Clemson University**

New Course Development

**Applications of Human-AI Interaction, Collaboration, and Teaming**

Courses Taught

Spring 2025 **Lead Instructor** CPSC 4440/6440: Cloud Computing Architecture

Fall 2024 **Lead Instructor** CPSC 4440/6440: Cloud Computing Architecture  
Fall 2024 Students' Instructor Evaluation: 4.33/5

Spring 2024 **Lead Instructor** CPSC 4440/6440: Cloud Computing Architecture  
Spring 2024 Students' Instructor Evaluation: 4.51/5

Spring 2024 **Lead Instructor** CPSC 9500: School of Computing Seminar

Fall 2023 **Lead Instructor** CPSC 9500: School of Computing Seminar

2021-2023 **Recurring Guest Lecturer** HCC 8500: The Science of Teamwork and Technology

Fall 2021 **Recurring Guest Lecturer** CPSC 4140: Human and Computer Interaction

2020-2021 **Volunteer Graduate Teaching Assistant** AMFG 6200: Collaboration and Teamwork in Manufacturing Systems

2017 **Undergraduate Teaching Assistant** CPSC 2120: Algorithms and Data Structures

**Professional Activities**

**Memberships**

- 2020- **Member** Association for Computing Machinery (ACM)
- 2023- **Member** Human-Factors and Ergonomic Systems Society

**Reviewing**

*Funding Agencies*

- 2025 National Science Foundation, IIS, Review Panelist
- 2024 National Science Foundation, Decision, Risk, and Management Science, Proposal Review
- 2024 Office of Naval Research, Science of Autonomy, Proposal Review
- 2024 NASA, Human Exploration Research Opportunities, Review Panelist

*Journals*

- 2024- Transaction on Recommender Systems
- 2024- Applied Ergonomics
- 2024- Behavior and Information Technology
- 2023- ACM Transactions on Interactive Intelligence Systems, \*Distinguished Reviewer
- 2023- Applied Artificial Intelligence
- 2022- Journal of Field Robotics
- 2022- Computers in Human Behavior
- 2021- ACM Transactions on Human-Robot Interaction
- 2021- Journal of Cognitive Engineering and Decision Making
- 2020- Human Factors: The Journal of the Human Factors and Ergonomics Society

*Conferences*

- 2024- ACM Collective Intelligence
- 2021- ACM Computer-Human Interaction (CHI)
- 2021- ACM/IEEE Human-Robot Interaction (HRI)
- 2021- IEEE International Conference on Tools with Artificial Intelligence (ICTAI)
- 2020- ACM Computer Supported Cooperative Work (GROUP)
- 2020- Human Factors and Ergonomics Society Annual Meeting (HFES)

2020- Winter Simulations Conference (WSC)

2020- Military Health System Research Symposium (MHSRS)

*Professional Community/National Service*

2021 Presenter, National Research Traineeship, "Contributing to the NRT Structure and Content"

*Society/International Service*

2023 User Modeling, Adaptation, and Personalization (UMAP) Late-Breaking Work Program Committee Member

**University Service**

*Clemson University*

2025 Assisted in School of Computing Candidate Interview

2025 Assisted in Civil Engineering Candidate Interview

2025 HCC Portfolio Committee

2024 Lead for Brooke T. Smith AI Startup Competition

2023 United States Army CentCom Visitor Host

2023 United States Air Force Academy Visiting Cadet Host

2023 Robotics Demonstration Lead @ Clemson Elementary STEM Night

2019 Visiting German Computing Graduate Student Group Tour Guide

**Honors & Awards**

2023 ACM GROUP Honorable Mention Best Paper Award

2021 HICSS Best Paper Nomination

2020 Overall Best Paper Award for International Conference on Human-Agent Interaction (HAI)

2020 Top Papers of International Conference on Human-Agent Interaction (HAI)

2019 Clemson [Three Minute Thesis](#) Finalist for the College of Computing, Engineering, and Applied Science

2018 International Collegiate Programming Contest Regional Qualifier, Top Clemson Team

2017 DuPont Undergraduate Project of the Year: Smart Aiding Application for Travel Safety