Shuo Niu, PhD | Clark University

Assistant Professor | Department of Computer Science

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Research Interests

My research area lies in Human–Computer Interaction, with a particular focus on Human–AI Interaction in social, creative, and algorithmic media systems. My work integrates research across social computing and CSCW, human-centered AI, user-generated content (UGC) platforms, and online marginalized and vulnerable user communities. In particular, I focus on understanding **how people negotiate agency, identity, and emotional, social, and platform-related safety when interacting with generative AI and algorithm-mediated systems**. Specifically, my research examines these interactions across four interconnected dimensions:

- Social and emotional well-being in emerging interactions with AI-generated content.
- New risk practices and safety needs shaped by generative AI use in creative communities.
- How identity work and self-presentation are negotiated through interactions with large language models (LLMs).
- Novel generative AI-powered designs that enhance users' sense of agency when interacting with content-sharing platforms.

Appointments

2019 - Clark University, Worcester, MA
Assistant Professor, Department of Computer Science

2013 - 2019 Virginia Tech, Blacksburg, VA
Teaching Assistant, Department of Computer Science

Education

- **Virginia Tech, Blacksburg, Virginia, USA** — **Doctor of Philosophy**
  Computer Science — *2013-2019*
  Advisor: Dr. Scott McCrickard

  Committee: Scott McCrickard, Edward A. Fox, Steve Harrison, Chris North, Shahtab Wahid

- **Shandong University, Jinan, China** — **Master of Engineering**
  Computer Science (one year of master's work) — *2012–2013*

- **Shandong University, Jinan, China** — **Bachelor of Engineering**
  Digital Media — *2008–2012*
  Advisor: Dr. Li Liu

Grants

2025	Clark AI Innovation Fund	$8,500	Developing and Teaching Meta-Prompting for Media Production
2025	Clark LEEP Student Fellowship	$3,000	LEEP student project with Charlie VandenBosch
2025	Clark Steinbrecher Student Fellowship	$5,000	Student project with Torin Anderson
2025	Faculty Development Award	$5000	Using Generative AI to Enhance Vernacular Creation for People with Disabilities and High School Students
2024	Professor David A. Stevens Fund	$2,500	Chatting with the Algorithm: Investigating Intelligent Interfaces for Agency and Mindfulness in Video Watching
2024	Clark LEEP Student Fellowship	$3,000	LEEP student project with Torin Anderson
2021	Academic Innovation Fund	$20,000	Development, Implementation, and Evaluation of a Mobile App to Support New Student Orientation and Onboarding
2021	Academic Innovation Fund	$8,118	Integrating Design for Diversity (D4D) Concepts in Computer Science Curriculum, Clark University
2020	Clark LEEP Student Fellowship	$2,500	LEEP student project with Cat Mai
2019	Google	$1,500	Google Cloud Platform Credits, Google Cloud Platform Education Grants program

Publications[1]

Peer-Reviewed Conference Papers

C21 Xian Li, Yuanning Han, Di Liu, Pengcheng An, and **Shuo Niu**. 2026. When Generative AI Is Intimate, Sexy, and Violent: Examining Not-Safe-For-Work (NSFW) Chatbots on FlowGPT. In *Proceedings of the 2026 CHI Conference on Human Factors in Computing Systems (CHI '26)*. New York: ACM. (to appear, AR: 25.3%)

C20 Renkai Ma, **Shuo Niu**, Lingyao Li, Alex Hirth, Ava Brehm, and Rowajana Barbie. 2026. Negotiating Digital Identities with AI Companions: Motivations, Strategies, and Emotional Outcomes. In *Proceedings of the 2026 CHI Conference on Human Factors in Computing Systems (CHI '26)*. New York: ACM (to appear, AR: 25.3%)

C19 **Shuo Niu**, Dylan Clements, and Hyungsin Kim. 2026. Creating Disability Story Videos with Generative AI: Motivation, Expression, and Sharing. In *Proceedings of the 2026 CHI Conference on Human Factors in Computing Systems (CHI '26)*. New York: ACM. (to appear, AR: 25.3%)

C18 Rodney Okyere, Carlos Augusto Bautista Isaza, Jaehoon Pyon, Ihudiya Finda Ogbonnaya-Ogburu, Shuo Niu, Sang Won Lee. Watch Me Watch: Reaction Videos as a Social Form of Online Video Engagement

[1]Note: In my field, papers published in the proceedings of selective conferences are rigorously peer-reviewed and highly competitive, therefore as equally (if not more) important than journal articles.

Contact Author Preferred Email Address. In *Proceedings of the ACM on Human-Computer Interaction*, no. CSCW2 (2026) (to appear)

C17 **Shuo Niu**, Dikshith Vishnuvardhan, and Venkata Sai Reddy Punnam. 2025. Chat with the 'For You' Algorithm: An LLM-Enhanced Chatbot for Controlling Video Recommendation Flow. In *Proceedings of the 7th ACM Conference on Conversational User Interfaces (CUI '25)*, July 08–10, 2025, Waterloo, ON, Canada. ACM, New York, NY, USA 16 Pages. (**Best Paper Award (1 out of 34), AR: 33.9%**)

C16 **Shuo Niu**, Li Liu, and Yali Bian. Please Understand My Disability: An Analysis of YouTubers' Discourse on Disability Challenges. In *Proceedings of the ACM on Human-Computer Interaction*, no. CSCW2 (2024)

C15 Ava Bartolome, and **Shuo Niu**. A Literature Review of Video-Sharing Platform Research in HCI. In *Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (CHI '23)*. Association for Computing Machinery, New York, NY, USA, Article 790, 1–20. (**AR: 28%**).

C14 **Shuo Niu**, Katherine G. McKim, and Kathleen Palm Reed. Education, Personal Experiences, and Advocacy: Examining Drug-Addiction Videos on YouTube. In *Proceedings of the ACM on Human-Computer Interaction 5*, no. CSCW2 (2022): 1-29.

C13 **Shuo Niu**, Hugh Manon, Ava Bartolome, Nguyen Binh Ha., Keegan Veazey. Close-up and Whispering: An Understanding of Multimodal and Parasocial Interactions in YouTube ASMR videos. In *CHI '22: ACM CHI Conference on Human Factors in Computing Systems*, April 30 - May 6, 2022, New Orlean. ACM, New York, NY, USA. (**AR: 24.6%**)

C12 **Shuo Niu**, Cat Mai, Katherine G. McKim, and Scott McCrickard. "#TeamTrees: Investigating How YouTubers Participate in a Social Media Campaign." In *Proceedings of the ACM on Human-Computer Interaction 5*, no. CSCW2 (2021): 1-26.

C11 **Shuo Niu**, Ava Bartolome, Cat Mai, Nguyen Binh Ha. 2021. #StayHome #WithMe: How Do YouTubers Create Videos for COVID-19 Loneliness? In *CHI '21: ACM CHI Conference on Human Factors in Computing Systems*, May 08–13, 2021, Online virtual. ACM, New York, NY, USA. (**AR: 26.3%**)

C10 **Shuo Niu**, D. Scott McCrickard, Julia Nguyen, Derek Haqq, Lindah Kotut, Timothy L. Stelter, and Edward A. Fox. 2020. Investigating Paradigms of Group Territory in Multiple Display Environments. In *GROUP '20: ACM International Conference on Supporting Group Work (GROUP)*, January 06–08, 2020, Sanibel Island, FL. ACM, New York, NY, USA, 28 pages. (**AR: 32%**)

C9 **Shuo Niu**, D. Scott McCrickard, and Steven Harrison. 2017. An Observational Study of Simultaneous and Sequential Interactions in Co-located Collaboration. In *Proceedings of the 16th IFIP TC 13 International Conference on Human-Computer Interaction (INTERACT '17)*. Springer, Mumbai, India, 163–183. (**AR: 30.7%**)

C8 **Shuo Niu**, D. Scott McCrickard, and Steve Harrison. 2017. Investigating Notifications and Awareness for Multi-user Multi-touch Tabletop Displays. In *Proceedings of the 16th IFIP TC 13 International*

Conference on Human-Computer Interaction (INTERACT '17). Springer, Mumbai, India, 223–244. (**AR: 30.7%**)

C7 Li Liu, **Shuo Niu** and D. Scott McCrickard, "Non-contact Human Computer Interaction System Design and Implementation," In *Proceedings of 2017 IEEE/ACM International Conference on Connected Health: Applications, Systems and Engineering Technologies (CHASE '17)*, Philadelphia, PA, USA, 2017, pp. 312-320.

C6 **Shuo Niu**, D. Scott McCrickard, and Sophia M. Nguyen. "Learning with Interactive Tabletop Displays." In *Proceedings of the Frontiers in Education Conference (FIE '16)*, pp. 1-9. IEEE, 2016.

C5 Mohammed Seyam, D. Scott McCrickard and **Shuo Niu**, Andrey Esakia, and Woongsup Kim. "Teaching Mobile Application Development through Lectures, Interactive Tutorials, and Pair Programming." In *Proceedings of the Frontiers in Education Conference (FIE '16)*, pp. 1-9. IEEE, 2016.

C4 D. Scott McCrickard, Troy D. Abel, Angela Scarpa, Yao Wang, and **Shuo Niu**. "Collaborative Design for Young Children with Autism: Design Tools and a User Study." In *Proceedings of 2015 International Conference on Collaboration Technologies and Systems (CTS '15)*, pp. 175-182. IEEE, 2015.

C3 **Shuo Niu**, D. Scott McCrickard, and Steve Harrison. "Exploring Humanoid Factors of Robots through Transparent and Reflective Interactions." In *Proceedings of the 2015 International Conference on Collaboration Technologies and Systems (CTS '15)*, pp. 47-54. IEEE, 2015.

C2 Andrey Esakia, **Shuo Niu**, and D. Scott McCrickard. "Augmenting Undergraduate Computer Science Education with Programmable Smartwatches." In *Proceedings of the 46th ACM Technical Symposium on Computer Science Education (SIGCSE '15)*, pp. 66-71. ACM, 2015. (**acceptance rate: 36%**)

C1 Xuan Zhang, **Shuo Niu**, Da Zhang, G. Alan Wang, and Weiguo Fan. "Predicting Vehicle Recalls with User-Generated Contents: A Text Mining Approach." In *Pacific-Asia Workshop on Intelligence and Security Informatics*, pp. 41-50. Springer International Publishing, 2015.

Journals

J4 **Shuo Niu**, Tianyi Li, and Mohan Chi. 2025. A Literature Review of Ethical Considerations in Recommender Systems for User-Generated Content in Human-Computer Interaction. ACM Trans. Recomm. Syst.

J3 Aanandita Bali, and **Shuo Niu**. "Voices in Videos: How YouTube Is Used in #BLM and #StopAAPI-Hate Movements." Platforms 3, no. 2 (2025): 8.

J2 **Shuo Niu**, Li Liu, and D. Scott McCrickard. "Tongue-able interfaces: Prototyping and evaluating camera based tongue gesture input system." Smart Health 11 (2019): 16-28.

J1 **Shuo Niu**, D. Scott McCrickard, Timothy L. Stelter, Alan Dix, and G. Don Taylor. 2019. "Reorganize Your Blogs: Supporting Blog Re-visitation with Natural Language Processing and Visualization." Multimodal Technologies and Interaction 3, no. 4 (2019): 66.

Short Papers and Posters

S15 Torin Anderson and **Shuo Niu**. 2025. Making AI-Enhanced Videos: Analyzing Generative AI Use Cases in YouTube Content Creation. In *Proceedings of the Extended Abstracts of the CHI Conference on Human Factors in Computing Systems (CHI EA '25)*. Association for Computing Machinery, New York, NY, USA, Article 388, 1–7.

S14 Xian Li, Yuanning Han, Di Liu, Pengcheng An, and **Shuo Niu**. 2024. FlowGPT: Exploring Domains, Output Modalities, and Goals of Community-Generated AI Chatbots. In *Companion of the 2024 Computer-Supported Cooperative Work and Social Computing (CSCW Companion '24)*, November 9–13, 2024, San Jose, Costa Rica. ACM, New York, NY, USA

S13 Jiaying (Lizzy) Liu, Yunlong Wang, Yao Lyu, Yiheng Su, **Shuo Niu**, Xuhai "Orson" Xu, and Yan Zhang. 2024. Harnessing LLMs for Automated Video Content Analysis: An Exploratory Workflow of Short Videos on Depression. In *Companion Publication of the 2024 Conference on Computer-Supported Cooperative Work and Social Computing (CSCW Companion '24)*. Association for Computing Machinery, New York, NY, USA, 190–196.

S12 Abigail Wilson, Isaac Tomeho, Lev Roland-Kalb, Vachaspathi Tirukkoveluru, **Shuo Niu**, and John Magee. "Analyzing How Social Service Organizations Utilize Video-Sharing and Video-Meeting Platforms for People with Disabilities in Mitigating Social Isolation Post-Covid." In *International Conference on Human-Computer Interaction*, pp. 111-115. Cham: Springer Nature Switzerland, 2024.

S11 Yao Lyu, He Zhang, **Shuo Niu**, Jie Cai. 2024. A Preliminary Exploration of YouTubers' Use of Generative-AI in Content Creation. In Extended Abstracts of the 2024 CHI Conference on Human Factors in Computing Systems (CHI EA '24), May 11–16, 2024, Honolulu, HI, USA.

S8 Yiqing Hua, **Shuo Niu**, Jie Cai, Lydia B Chilton, Hendrik Heuer, Donghee Yvette Wohn. 2023. Generative AI in User-Generated Content. In Extended Abstracts of the 2024 CHI Conference on Human Factors in Computing Systems (CHI EA '24), May 11–16, 2024, Honolulu, HI, USA.

S9 **Shuo Niu** and Kathleen Palm Reed. 2023. Towards Understanding Sub-stance Abuse Misinformation in YouTube Videos. In *Computer Supported Cooperative Work and Social Computing (CSCW '23 Companion)*, October 14–18, 2023, Minneapolis, MN, USA. ACM, New York, NY, USA, 5 pages

S8 **Shuo Niu**, Zhicong Lu, Amy Zhang, Jie Cai, Carla F. Griggio, and Hendrik Heuer. 2023. Building Credibility, Trust, and Safety on Video-Sharing Platforms. In Extended Abstracts of the 2023 CHI Conference on Human Factors in Computing Systems (CHI EA '23), April 23–28, 2023, Hamburg, Germany. ACM, New York, NY, USA, 7 pages. (**AR: 36%**)

S7 **Shuo Niu**, Keegan Veazey, Phoenix Pagan, and Abhisan Ghimire. 2022. Understanding Hate Ideology Videos on YouTube. In *Companion Publication of the 2022 Conference on Computer Supported Cooperative Work and Social Computing (CSCW '22 Companion)*, November 8–22, 2022, Virtual Event, USA. ACM, New York, NY, USA, 5 pages.

S6 **Shuo Niu**, Jaime Garcia, Summayah Waseem, and Li Liu. 2022. Investigating How People with Disabilities Disclose Difficulties on YouTube. *In The 24th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '22)*, October 23–26, 2022, Athens, Greece. ACM, New York, NY, USA, 6 pages.

S5 Ava Bartolome, Nguyen B. Ha, and **Shuo Niu**. 2021. Investigating Multimodal Interactions and Parasocial Attractiveness in YouTube ASMR Videos. In *Companion Publication of the 2021 Conference on Computer Supported Cooperative Work and Social Computing (CSCW '21 Companion)*, October 23–27, 2021, Virtual Event, USA. ACM, New York, NY, USA, 5 pages.

S4 Katherine G. McKim, Cat Mai, Danielle Hess, and **Shuo Niu**. 2021. Investigating Drug Addiction Discourse on YouTube. In *Companion Publication of the 2021 Conference on Computer Supported Cooperative Work and Social Computing (CSCW '21 Companion)*, October 23–27, 2021, Virtual Event, USA. ACM, New York, NY, USA, 5 pages.

S3 **Shuo Niu**, Andrey Esakia, and D. Scott McCrickard. "Exploring Computer Science Topics with Programmable Smartwatches." In *Proceedings of the 46th ACM Technical Symposium on Computer Science Education (SIGCSE '15)*, Kansas City, MO. pp. 440-440. ACM, 2015.

S2 **Shuo Niu**, Li Liu, and D. Scott McCrickard. "Tongue-able interfaces: evaluating techniques for a camera based tongue gesture input system." In *Proceedings of the 16th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '14)*, Rochester, NY. pp. 277-278. ACM, 2014.

S1 Li Liu, **Shuo Niu**, Jingjing Ren, and Jingyuan Zhang. "Tongible: a non-contact tongue-based interaction technique." In *Proceedings of the 14th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '12)*, Boulder, CO. pp. 233-234. ACM, 2012.

Workshop Submissions

W5 **Shuo Niu**. (2021). Friends, Mentors, or Family? Understanding YouTubers' Roles in Social and Emotional Wellbeing. Presented at the workshop of *Social Media as a Design and Research Site in HCI: Mapping Out Opportunities and Envisioning Future Uses.* CHI21.

W4 **Shuo Niu**. (2021). Characterizing and Moderating Parasocial Interactions in YouTube Hate Videos. Presented at the workshop of *Addressing Challenges and Opportunities in Online Extremism Research: An Interdisciplinary Perspective.* CSCW21.

W3 **Shuo Niu**, Scott McCrickard, Steve Harrison. (2018). Towards Connecting Experiences during Collocated Events through Data Mining and Visualization. Presented at the workshop of *Hybrid Events: Mediating Collocated Participation.* CSCW18.

W2 Lindah Kotut, Mike Horning, Derek Haqq, **Shuo Niu**, Tim Stelter, Scott McCrickard. (2018). Towards Connecting Experiences during Collocated Events through Data Mining and Visualization. Presented at the workshop of *Rural Computing: Beyond Access and Infrastructure.* CSCW18.

W1 **Shuo Niu**, Alan Dix, Ellie Harmon, G. Don Taylor, Scott McCrickard. (2018). How Hiking Bloggers Explore Blogs with Interactive Text Visualization. Presented at the workshop of *Technology on the Trail.* GROUP18.

Media Coverage

- "Listening to the Sensational World of ASMR with Professors Shuo Niu and Hugh Manon", Sep 9, 2022, Clark Challenge. Change. Podcast, https://open.spotify.com/episode/0dGjEyK8kBg7FDun3dgfRj?si=6e100316fb384c66&nd=1
- "Can the remedy for loneliness be found on YouTube?", Nov 18, 2021, ClarkNow, https://clarknow.clarku.edu/2021/11/18/can-the-remedy-for-loneliness-be-found-on-youtube/
- "CHCI Participation at CSCW 2021", Oct 6, 2021, Center for Human-Computer Interaction, https://hci.icat.vt.edu/research/chci-participation-at-cscw-2021.html
- "With the Swipe of a Tongue, CSUN Prof Makes Touchscreen Capabilities Accessible to Those Without Use of Their Arms", May 12, 2020, CSUN Today, https://csunshinetoday.csun.edu/education/with-the-swipe-of-a-tongue-csun-prof-makes-touchscreen-capabilities-accessible-to-those-without-use-of-their-arms/
- "Tongue-computer interfaces: A lifeline for those with upper body impairments", Oct 2018, Elsevier, https://www.journals.elsevier.com/smart-health/news/tongue-computer-interfaces

Talks and Presentations

- "Analyzing Social Media Videos: Frameworks and Research Methods for Understanding User Activities on Video-Sharing Platforms", June, 2024, Lanzhou University
- "Video-sharing Research in Human-Computer Interaction: A Literature Review and Workshop take-aways", Oct, 2023, Google YouTube
- "Story Wars: Climate Change Communications", Panelist, Mar, 2022, Clark University
- "How Do YouTubers Help with COVID-19 Loneliness?" Feb, 2021, Clark University

Awards

- Grant Incentive Award, $2,500, 2025
- North Star Collective Faculty Fellowship, $1,500, 2023
- Advisor of VTURCS capstone project, third place people's choice award, 2016.
- Advisor of VTURCS capstone project, first place people's choice award, 2015.
- Second prize scholarship for outstanding student in 2010-2011 (5 out of 34), 2,000 RMB, Shandong University, 11/2011
- First prize, China Undergraduate Mathematical Contest in Modeling (Shandong contest area), 11/2010
- First prize scholarship for outstanding student in 2009-2010 (1 out of 34), 4,000 RMB Shandong University, 10/2010

- National scholarship (1 out of 34), 8,000 RMB, Shandong University, 10/2010

Teaching Experience

Clark University

- **CSci252 Human Computer Interaction** **Fa24**
  3 credit hours | new course developed

  This course aims to equip students with foundational knowledge in HCI and provide practical skills in analyzing user needs, designing interfaces, developing prototypes, and assessing their effectiveness. A significant component of the course is a team-based project where students will apply their skills to design innovative applications utilizing emerging Generative AI technologies, such as ChatGPT and Midjourney.

- **CSci244 Web Development** **Sp21, Sp22**
  4 credit hours | new course developed

  The course introduces foundational web-development concepts and skills for building modern full-stack applications. The goal is to let students experience front-end and back-end development by learning basic web programming languages, having hands-on tutorials, and building real-world applications. The course covers internet basics, HTML, CSS, JavaScript, React, RESTful API, NodeJS, and SQL/NoSQL database.

- **CSci245 Mobile Software and Development** **Fa19, Fa20, Fa22, Fa24**
  4 credit hours | new course developed

  The course focuses on 11 modules: Intro to mobile programming, mobile GUI, Activity and Fragment, navigation, architecture components, internet and database, cloud computing, background processing, sensors and location, media and animation, and touch and camera. Teach mobile development in 3 circular teaching steps – lecture, demo, and pair programming.

- **DSci125 Intro to Data Science** **Sp20, Fa20, Sp24, Sp25**
  4 credit hours | significant redesign

  The course introduces foundational statistical and computational concepts and skills in data-centered computing and applications. The course covers data representations in Python, visualizing data, statistics and probability, data gathering and processing, intro to machine learning, regression, neural network basics, database and big data, and data ethics.

- **CSci120/CSci124 Introduction to Computing** **Fa21, Sp22, Fa25**
  4 credit hours

  The first course for computer science majors and anyone seeking a rigorous introduction. Develops computational problem-solving skills by programming in the Python language, and exposes students to a variety of other topics from computer science and its applications.

- **CSci126 Low-code Web Development** **Winter 21**
  2 credit hours | new course developed

This course will introduce basic concepts in developing full-stack web applications using a low-code development environment. At the conclusion of this course, students will understand the fundamental concepts of low-code software engineering and how to apply them to web application design and implementation. This course will introduce web application concepts primarily using OutSystems, but students will be able to generalize these concepts to other web application technologies and tools.

Virginia Tech

- **Mobile Software and Development** **Su17, Sp18**
  3 credit hours

  The course focuses on 11 modules: intro to mobile programming, mobile GUI, Activity and Fragment, navigation, architecture components, internet and database, cloud computing, background Processing, Sensors and Location, Media and Animation, and Touch and Camera.

- **Data Structures and Algorithms** **Su18**
  3 credits

  Advanced data structures and analysis of data structure and algorithm performance. Sorting, searching, hashing, and advanced tree structures and algorithms. File system organization and access methods. Created course materials for lectures, assignments, demos, and exams. Utilized visualization tools and animations to explain key algorithms.

Student Advising

Graduate Thesis Committee

Jimin Lee	PhD	Clark University	Committee Member
Rodney Okyere	Master	Virginia Tech	Committee Member

Student Research Advising (Clark)

2025-2026	Torin Anderson, Noah Burd, Dylan Clements, Charlie VandenBosch, Alexander Hirth, Tenzin Sommer, Ava Brehm, Rowajana Barbie
2024-2025	Dikshith Vishnuvardhan, Venkata Sai Reddy Punnam, Sai Dwibhashyam, Torin Anderson, Noah Burd, Dylan Clements, Charlie VandenBosch, Alexander Hirth, Ava Brehm, Rowajana Barbie
2023-2024	Dikshith Vishnuvardhan, Venkata Sai Reddy Punnam, Sai Dwibhashyam, Larriyah Graham, Torin Anderson
2022-2023	Abhisan Ghimire, Ava Bartolome, Keegan Veazey, Jonathan Hoff, Dilasha Shrestha, Phoenix Pagan, Aanandita Bali
2021-2022	Ava Bartolome, Kathy McKim, Danielle Hess, Keegan Veazey, Jonathan Hoff, Dilasha Shrestha
2020-2021	Ava Bartolome, Cat Mai, Nguyen Ha, Kathy McKim
2019-2020	Bo Liu

Undergraduate Research Advising (VT)

Julia Nguyen	2018-2019	Sophia Nguyen	2016-2017
Sushant Bhattarai	2016-2017	Kavin Aravind	2015-2017
Usman Anwar	2015-2016		

Professional Leadership and Services

Academic Chairing and Service

- CHI'26 Associate Chair
- CSCW'26 Senior Program Chair
- CSCW'25 Meta Chair
- CSCW'24 Paper Chair, Meta Chair
- CSCW'23 Meta Chair
- CHI'23 Late-Breaking Work Associate Chair, Workshop Juror
- CHI'22 Late-Breaking Work Associate Chair
- CSCW'22 Associate Chair
- Group'22 Program Committee Member
- CSCW'21 Session Chair
- ICMI'20 Program Committee Member
- ChineseCHI '19 Poster Co-chair

Grant Reviewer

- Panelist, NSF Directorate for STEM Education (EDU)
- Member, Natural Sciences and Engineering Research Council of Canada (NSERC)
- Reviewer, Swiss National Science Foundation (SNSF)

Conference Reviewer

- CHI '15 '18 '20 – '26
- CSCW '20 – '26
- DIS '16, '17 '20
- GROUP '20 '22 '25
- ISS '17, '18
- ICMI '18 '20
- ICKM '18
- TEI '19
- SUI '17

- INTERACT '17

Public Service

- Doherty Memorial High School - Web Programming and Development Advisory Committee
- Clinton Public School District - Computer Science Program Advisory Committee

Journal Reviewer

- IJHCI '23 '25
- JMP '23

Book Reviewer

- 2021, Cambridge University Press, A Hands-On Introduction to Machine Learning

University and Department Service

- Research Board member Sp '21
- Data science committee
- CS faculty search committee '20
- Student admission panel '20