Assistant Professor • Computer Science

Department of Computer Science • Hamilton College
198 College Hill Road, Clinton, New York, 13323

smorriso@hamilton.edu | sarahmorrisonsmith.com

APPOINTMENTS

HAMILTON COLLEGE, Clinton NY	Jul. 2022-Present
Assistant Professor of Computer Science	
BARNARD COLLEGE, New York NY	Jul. 2019 -Jun. 2022
Roman Family Teaching and Research Fellow, Computer Science Department	
EDUCATION	
UNIVERSITY OF FLORIDA, Gainesville FL	Aug. 2016-Aug. 2019
Ph.D. in Human-Centered Computing	
Dissertation: E-Science Collaborations in the Life-Sciences: Challenges and Design Opportun Coordination	
Committee: Dr. Jaime Ruiz (advisor), Dr. Gregory Webster, Dr. Kristy Boyer, Dr. Christina B	
COLORADO STATE UNIVERSITY, Fort Collins CO	Aug. 2013-Jul. 2016
M.S. in Computer Science Emphasis: Human-Computer Interaction Thesis: Using Audio Cues to Support Motion Gesture Interaction on Mobile Devices Advisor: Jaime Ruiz	
MONTANA STATE UNIVERSITY, Bozeman MT B.S. in Computer Science Minor: Mathematics Institutional Honors	Aug. 2008-May 2013
KYOTO UNIVERSITY Study Abroad	May 2011-June 2011
GRANTS, AWARDS, AND FELLOWSHIPS	
ACM SIGCHI Development Fund The SIGCHI Development Fund (SDF) provides resources for the SIGCHI community to communication, innovation, and expansion of SIGCHI globally and locally. Award amou	
NSF Computer and Information Science and Engineering Research Initiation Initia The NSF Directorate for Computer and Information Science and Engineering (CISE) see grants intended to support research independence among early-career academicians who lack access to adequate organizational or other resources. Award amount: \$173,044	eks to award
Google Explore CS Research (exploreCSR) Google's exploreCSR aids higher education efforts to support students from marginalized pursue graduate studies and research careers in computing. Award amount: \$18,000.	2020 d groups to

RESEARCH INTERESTS

I design systems to support collaborative research activities in multidisciplinary research, such as life science research and remote work. As an extension of my teaching, I am also interested in exploring pedagogical approaches to teaching accessibility, particularly outside of a traditional classroom setting.

PUBLICATIONS

JOURNAL PAPERS (PEER REVIEWED)

- (J1) S. Morrison-Smith, C. Boucher, A. Sarcevic, N. Noyes, C. O'Brien, N. Cuadros, and J. Ruiz. 2022.
 Challenges in large-scale bioinformatics projects.
 Humanities and Social Sciences Communications 9, 125 (2022).
- (J2) S. Morrison-Smith, J. Ruiz. 2020.

 Challenges and Barriers in Virtual Teams: A Literature Review
 Springer Nature Applied Sciences (2020).
- (J3) S. Morrison-Smith, M. Hofmann, Y. Li, and J. Ruiz. 2016.

 Using Audio Cues to Support Motion Gesture Interaction on Mobile Devices.

 ACM Transactions on Applied Perception (TAP) 13.3 (2016): 16.
- (J4) **S. Morrison-Smith**, C. Marmon, S. Dighans, T. Daniels, C. Izurieta. 2012. *Technical Debt Reduction Using a Game Theoretic Competitive Source Control Approach*. Council on Undergraduate Research (CUR), CUR Journal Undergraduate Research Highlights, (Winter 2012), Vol 33, No 2.
- (J5) J.M. Costantini, F. Beuneu, **S. Morrison-Smith**, R. Devanathan, and W. J. Weber. 2011. *Paramagnetic Defects in Electron-Irradiated Yttria–Stabilized Zirconia: Effect of Yttria Content* Journal of Applied Physics 110 (2011) 123506.

CONFERENCE PUBLICATIONS (PEER REVIEWED)

- (C1) J. G. Frazier, E. K. Weinstein, I. Izydorczak, Y. Wu, N. Cuadros, D. A. Sur, S. Morrison-Smith. 2025. DriveGroups: Using Group Perspective for Usable Data Sharing in Research Collaborations. Proceedings of the 2025 ACM International conference on Supporting Group Work (GROUP '25), ACM.
- (C2) X. Guo, Q. Li, S. Morrison-Smith, L. Anthony, A. Zare, Y. Song. 2024.
 Elucidating Challenges and User Needs Associated with Annotation Software for Plant Phenotyping.
 Proceedings of the 2024 International ACM Conference on Intelligent User Interfaces (IUI '24), ACM.
- (C3) S. Morrison-Smith, L. Chilton, and J. Ruiz. 2021.
 AmbiTeam: Providing Team Awareness Through Ambient Displays.
 Proceedings of the 2021 International Conference on Graphics Interfaces (GI '21), ACM.
- (C4) S. Morrison-Smith, A. Aloba, H. Lu, B. Benda, S. Esmaeili, G. Flores, J. Smith, N. Soni, I. Wang, R. Joy, D. L. Woodard, J. Ruiz, and L. Anthony. 2020.
 MMGatorAuth: A Novel Multimodal Dataset for Authentication Interactions in Gesture and Voice.
 Proceedings of the 2020 International Conference on Multimodal Interaction (ICMI '20), ACM.
- (C5) N. Soni, S. Gleaves, H. Neff, S. Morrison-Smith, S. Esmaeili, I. Mayne, S. Bapat, C. Schuman, K. A. Stofer, and L. Anthony. 2020.
 Adults' and Children's Mental Models for Gestural Interactions with Interactive Spherical Displays.
 Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI'2020), ACM.
- (C6) N. Soni, S. Gleaves, H. Neff, S. Morrison-Smith, S. Esmaeili, I. Mayne, S. Bapat, C. Schuman, K. A. Stofer, L. Anthony. 2019.
 Do User-Defined Gestures for Flatscreens Generalize to Interactive Spherical Displays for Adults and Children?
 Proceedings of the International Symposium on Pervasive Displays (PerDIS '19), ACM.
- S. S. A. Shimon, C. Lutton, Z. Xu, S. Morrison-Smith, C. Boucher, and J. Ruiz. 2016.
 Exploring Non-touchscreen Gestures for Smartwatches.
 Proceedings of the 34th Annual ACM Conference on Human Factors in Computing Systems (CHI'16), ACM.

- (C8) **S. Morrison-Smith**, C. Boucher, A. Bunt, and J. Ruiz. 2015. *Elucidating the Role and Use of Bioinformatics Software in Life Science Research*. Proceedings of the 2015 British HCI Conference (British HCI '15). ACM, 230–238.
- (C9) S. S. A. Shimon, S. Morrison-Smith, N. John, G. Fahimi, and J. Ruiz. 2015. Exploring Back-of-The Device Gestures for Mobile Interaction
 Proceedings of the 17th International Conference on Human-Computer Interaction with Mobile Devices and Service (MobileHCI '15). ACM, 227-232.
- (C10) S. Morrison-Smith, C. Marmon, S. Dighans, T. Daniels, C. Izurieta. 2012.
 Technical Debt Reduction Using a Game Theoretic Competitive Source Control Approach
 ISCA 25th International Conference on Computer Applications in Industry and Engineering, (CAINE '12),
 New Orleans, LA, Nov. 14-16, 2012.

POSTERS AND EXTENDED ABSTRACTS (PEER REVIEWED)

(AB1) A. Goldman, C. Espinosa, S. Patel, F. Cavuoti, J. Chen, A. Cheng, S. Meng, A. Patil, L. B. Chilton, S. Morrison-Smith. 2022.

QuAD: Deep-Learning Assisted Qualitative Data Analysis with Affinity Diagrams CHI '22 Extended Abstracts on Human Factors in Computing Systems, ACM (2022).

(AB2) S. Morrison-Smith, H. Yao, I. Wang, B. Lok, and J. Ruiz. 2018. Staying Alive with Virtual Humans CHI '18 Extended Abstracts on Human Factors in Computing Systems, ACM (2018).

(AB3) S. Morrison-Smith and J. Ruiz. 2014.

Using Audio Cues to Support Motion Gesture I

Using Audio Cues to Support Motion Gesture Interaction on Mobile Devices. CHI '14 Extended Abstracts on Human Factors in Computing Systems, ACM (2014).

(P1) **S. Morrison-Smith.** 2009.

Data Analysis of Hydration in Fuel Cell Membranes
Department of Energy Science and Engineering Research Challenge (SERCh) (2009).

REFEREED WORKSHOPS

(W1) S. Morrison-Smith, L. B. Chilton, J. Ruiz. 2020.
Facilitating Team Awareness through Ambient Displays
Proceedings of Microsoft's Symposium on the New Future in Work. (2020).

(W2) S. Morrison-Smith, C. Boucher, I. Wang, and J. Ruiz. 2016.
 Opportunities for Supporting Large-Scale Collaborative Projects.
 Proceedings of Computer-Supported Cooperative Work and Social Computing (CSCW '16): Workshop on Large-scale Collaborative Projects to Affect Societal Change.

ARTICLES

(AR1) S. Morrison-Smith, L. B. Chilton, J. Ruiz. 2020.

AmbiTeam: Enabling Awareness of Remote Team Activities Using Ambient Displays ACM XRDS Magazine. (2021).

PRESENTATIONS AND POSTERS AT CONFERENCES AND SYMPOSIUMS

- (PP1) I. Izydorczak, J. G. Frazier, Y. Wu, E. K. Weinstein, J. Simeone, L. Ceccon, C. Whynott, S. Morrison-Smith. 2024. Facilitating Data Sharing with DriveGroups: A System Overview. Proceedings of the 12th NY6 Undergraduate Research Conference.
- (PP2) Y. Wu, J. G. Frazier, I. Izydorczak, D. A. Sur, E. K. Weinstein, N. Cuadros, **S. Morrison-Smith**. 2023. DriveGroups: *Using Group Perspective to Facilitate Data Sharing in Life Sciences*. Proceedings of the 11th NY6 Undergraduate Research Conference.

- (PP3) I. Izydorczak, Y. Wu, J. G. Frazier, E. K. Weinstein, S. Morrison-Smith. 2023. *DriveGroups: Facilitating Access Control in Google Drive*. Hamilton College Summer Research Poster.
- (PP4) S. Favela, M. Maillet, Y. Wu, S. Morrison-Smith. 2023. *SQuID Systematic Qualitative Information Diagrammer*. Hamilton College Summer Research Poster.
- (PP5) L Leschziner, S. Meng, S. Morrison-Smith. 2021. *Qualitative Affinity Diagramming Tool (QuAD)*. Barnard College Summer Research Institute Poster.
- (PP6) C. O'Brien, N. Cuadros, S. Morrison-Smith. 2021. *DriveGroups: Facilitating Access Control in Google Drive*. Barnard College Summer Research Institute Poster.

PREPRINTS

(PR1) A. Aloba, **S. Morrison-Smith**, A. Richlen, K. Suarez, Y.P. Chen, J. Ruiz, L. Anthony. 2023. *Multimodal User Authentication in Smart Environments: Survey of User Attitudes*. arXiv preprint arXiv:2305.03699.

TEACHING

TENCHINO	
HAMILTON COLLEGE, Clinton NY CPCSI 101 Computer Science for All Instructor, Lab Instructor	Spring 2025, 2024, 2023
CPSCI 102 Design Principles Instructor	Fall 2024
CPCSI 220 Principles of Programming Languages Instructor	Spring 2025, Spring 2024, Fall 2022
CPCSI 360 Developing Accessible User Interfaces Creator and Instructor	Fall 2022, 2023, 2024
CPSCI 410 Senior Seminar Instructor	Spring 2025, Fall 2023
BARNARD COLLEGE, New York NY COMS BC 3162 Developing Accessible User Interfaces Creator and Instructor	Spring 2020 & 2021
COMS BC 3364 Introduction to Contextual Design for Technology Creator and Instructor	Fall 2019, 2020, & 2021
Pre-College Program: Accessibility in the World and on the Web Creator and Instructor	Summer 2021
Pre-College Program: User Experience Design for Technology Creator and Instructor	Summer 2020
UNIVERSITY OF FLORIDA, Gainesville FL COP 3502 Introduction to Programming 1 Instructor	Summer 2019
COLORADO STATE UNIVERSITY, Fort Collins CO CS 464 Introduction to Human-Computer Interaction Teaching Assistant	Spring 2016 & 2015
MONTANA STATE UNIVERSITY, Bozeman MT M 105Q Contemporary Mathematics Educational Methods Teaching Fellowship	Fall 2012

Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI), received special recognition for outstanding review Assistant Chair, ACM SIGCHI Conference on Human Factors in Computing Systems Late Breaking Work (CHI) Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) 2 Senior Program Committee, ACM International Conference on Multimodal Interaction (ICMI) 2 Reviewer, ACM Conference on Computer-Supported Cooperative Work (CSCW) 2 Reviewer, ACM Conference on Mobile Human-Computer Interaction (MobileHCI) 2 Reviewer, ACM Conference on Designing Interactive Systems (DIS) 3 Assistant Chair, ACM SIGCHI Conference on Human Factors in Computing Systems Late Breaking Work (CHI) 8 Reviewer, ACM Conference on Designing Interactive Systems (DIS) 8 Reviewer, ACM Conference on Designing Interactive Systems (DIS) 8 Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) 2 Reviewer, ACM Conference on Designing Interactive Systems (DIS) 8 Reviewer, ACM Conference on Designing Interactive Systems (DIS) 8 Reviewer, ACM Conference on Designing Interactive Systems (DIS) 8 Reviewer, ACM International Conference on Intelligent User Interfaces (IUI) 2 DEPARTMENTAL & UNIVERSITY SERVICE HAMILTON Organizer for Plant Lecture Series, Hamilton College Student Fellowship Committee, Hamilton College Search Committee, Computer Science Department 2023 - 2 SREB Recruiter, Hamilton College Organizer, AccessHack 2023 - Precent Committee, Hamilton College Organizer, AccessHack 2023 - Precent Committee, Barnard Summer Research Institute 2021-2 Judge, Columbia DivHacks Coordinator, Barnard Computer Science Summer Research Mentor, Design at Columbia Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series	Tutoring Association for Women in Computing Tutor	Fall 2012
Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI), received special recognition for outstanding review Assistant Chair, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI), received special recognition for outstanding review Assistant Chair, ACM SIGCHI Conference on Human Factors in Computing Systems Late Breaking Work (CHI) Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) 2 Senior Program Committee, ACM International Conference on Multimodal Interaction (ICMI) 2 Reviewer, ACM Conference on Computer-Supported Cooperative Work (CSCW) 2 Reviewer, ACM Conference on Mobile Human-Computer Interaction (MobileHCI) 2 Reviewer, ACM Conference on Designing Interactive Systems (DIS) 3 Assistant Chair, ACM SIGCHI Conference on Human Factors in Computing Systems Late Breaking Work (CHI) Reviewer, ACM Conference on Designing Interactive Systems (DIS) 2 Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) 2 Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) 2 Reviewer, ACM Conference on Designing Interactive Systems (DIS) 3 Reviewer, ACM International Conference on Intelligent User Interfaces (IUI) 4 Reviewer, Graphics Interface (GI) 5 DEPARTMENTAL & UNIVERSITY SERVICE HAMILTON 7 Organizer for Plant Lecture Series, Hamilton College 5 Student Fellowship Committee, Hamilton College 5 Search Committee, Computer Science Department 5 2023 - 2 5 SREB Recruiter, Hamilton College 7 Organizer, AccessHack 8 2023 - 2 5 SREB Recruiter, Hamilton College 8 Organizer, AccessHack 9 2024 - 2 5 SREB Recruiter, Barnard Summer Research Institute 9 2024 - 2 9 2024	SERVICE	
Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI), received special recognition for outstanding review Assistant Chair, ACM SIGCHI Conference on Human Factors in Computing Systems Late Breaking Work (CHI) Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) Senior Program Committee, ACM International Conference on Multimodal Interaction (ICMI) Reviewer, ACM Conference on Computer-Supported Cooperative Work (CSCW) Reviewer, ACM Conference on Mobile Human-Computer Interaction (MobileHCI) Reviewer, ACM Conference on Designing Interactive Systems (DIS) Assistant Chair, ACM SIGCHI Conference on Human Factors in Computing Systems Late Breaking Work (CHI) Reviewer, ACM Conference on Designing Interactive Systems (DIS) Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) 2 Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) 2 Reviewer, ACM Conference on Designing Interactive Systems (DIS) Reviewer, ACM Conference on Designing Interactive Systems (DIS) 2 Reviewer, ACM International Conference on Intelligent User Interfaces (IUI) 2 Parallel International Conference on Intelligent User Interfaces (IUI) 2 Parallel International Conference on Intelligent User Interfaces (IUI) 2 Parallel International Conference Organizer for Plant Lecture Series, Hamilton College Student Fellowship Committee, Hamilton College Student Fellowship Committee, Hamilton College Search Committee, Computer Science Department 2023 - 2 SREB Recruiter, Hamilton College Organizer, AccessHack 2023 - Previous August States St	RESEARCH PROGRAM & ORGANIZING COMMITTEES	
Reviewer, ACM Conference on Human Factors in Computing Systems Late Breaking Work (CHI) Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) Senior Program Committee, ACM International Conference on Multimodal Interaction (ICMI) Reviewer, ACM Conference on Computer-Supported Cooperative Work (CSCW) Reviewer, ACM Conference on Mobile Human-Computer Interaction (MobileHCI) Reviewer, ACM Conference on Designing Interactive Systems (DIS) Assistant Chair, ACM SIGCHI Conference on Human Factors in Computing Systems Late Breaking Work (CHI) Reviewer, ACM Conference on Designing Interactive Systems (DIS) 2 Assistant Chair, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) 2 Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) 2 Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) 2 Reviewer, ACM Conference on Designing Interactive Systems (DIS) 2 Reviewer, ACM International Conference on Intelligent User Interfaces (IUI) 2 Reviewer, Graphics Interface (GI) DEPARTMENTAL & UNIVERSITY SERVICE HAMILTON Organizer for Plant Lecture Series, Hamilton College Suddent Fellowship Committee, Hamilton College Search Committee, Computer Science Department 2023 - 2 SREB Recruiter, Hamilton College Organizer, AccessHack 2023 - 2 SREB Recruiter, Hamilton College Organizer, AccessHack 2021-2 Judge, Columbia DivHacks 2021-2 Judge, Columbia DivHacks Coordinator, Barnard Computer Science Summer Research Institute Mentor, Design at Columbia 2020-2 Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series 2020-2 Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series		2025
Work (CHI) Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) Senior Program Committee, ACM International Conference on Multimodal Interaction (ICMI) Reviewer, ACM Conference on Computer-Supported Cooperative Work (CSCW) Reviewer, ACM Conference on Mobile Human-Computer Interaction (MobileHCI) Reviewer, ACM Conference on Designing Interactive Systems (DIS) Assistant Chair, ACM SIGCHI Conference on Human Factors in Computing Systems Late Breaking Work (CHI) Reviewer, ACM Conference on Designing Interactive Systems (DIS) Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) Reviewer, ACM SIGCHI Conference on Intelligent User Interfaces (IUI) Reviewer, ACM International Conference on Intelligent User Interfaces (IUI) Reviewer, Graphics Interface (GI) DEPARTMENTAL & UNIVERSITY SERVICE HAMILTON Organizer for Plant Lecture Series, Hamilton College 2024 - 2 Student Fellowship Committee, Hamilton College 2024 - 2 Search Committee, Computer Science Department 2023 - 2 SREB Recruiter, Hamilton College 2023 - 2 SREB Recruiter, Hamilton College 2023 - 2 Department Representative, Barnard Summer Research Institute 2021 - 2 Judge, Columbia DivHacks 2 Coordinator, Barnard Computer Science Summer Research Mentor, Design at Columbia 2020 - 2 Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series 2020 - 2 Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series		2023
Senior Program Committee, ACM International Conference on Multimodal Interaction (ICMI) Reviewer, ACM Conference on Computer-Supported Cooperative Work (CSCW) Reviewer, ACM Conference on Mobile Human-Computer Interaction (MobileHCI) Reviewer, ACM Conference on Designing Interactive Systems (DIS) Assistant Chair, ACM SIGCHI Conference on Human Factors in Computing Systems Late Breaking Work (CHI) Reviewer, ACM Conference on Designing Interactive Systems (DIS) Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) Reviewer, ACM Conference on Designing Interactive Systems (DIS) Reviewer, ACM International Conference on Intelligent User Interfaces (IUI) Reviewer, Graphics Interface (GI) DEPARTMENTAL & UNIVERSITY SERVICE HAMILTON Organizer for Plant Lecture Series, Hamilton College Student Fellowship Committee, Hamilton College Search Committee, Computer Science Department 2023 - 22 Search Committee, Computer Science Department SREB Recruiter, Hamilton College Organizer, AccessHack 2023 - Prec. BARNARD Department Representative, Barnard Summer Research Institute 2021-2 Judge, Columbia DivHacks Coordinator, Barnard Computer Science Summer Research Mentor, Design at Columbia Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series 2020-2		2023
Reviewer, ACM Conference on Computer-Supported Cooperative Work (CSCW) Reviewer, ACM Conference on Mobile Human-Computer Interaction (MobileHCI) Reviewer, ACM Conference on Designing Interactive Systems (DIS) Assistant Chair, ACM SIGCHI Conference on Human Factors in Computing Systems Late Breaking Work (CHI) Reviewer, ACM Conference on Designing Interactive Systems (DIS) Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) 2 Reviewer, ACM Conference on Designing Interactive Systems (DIS) 2 Reviewer, ACM International Conference on Intelligent User Interfaces (IUI) 2 Reviewer, Graphics Interface (GI) 2 DEPARTMENTAL & UNIVERSITY SERVICE HAMILTON Organizer for Plant Lecture Series, Hamilton College Student Fellowship Committee, Hamilton College Search Committee, Computer Science Department 2023 - 2 SREB Recruiter, Hamilton College Organizer, AccessHack 2023 - Pre. BARNARD Department Representative, Barnard Summer Research Institute 2021-2 Judge, Columbia DivHacks Coordinator, Barnard Computer Science Summer Research Mentor, Design at Columbia 2020-2 Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series 2020-2	Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI)	2022
Reviewer, ACM Conference on Mobile Human-Computer Interaction (MobileHCI) Reviewer, ACM Conference on Designing Interactive Systems (DIS) Assistant Chair, ACM SIGCHI Conference on Human Factors in Computing Systems Late Breaking Work (CHI) Reviewer, ACM Conference on Designing Interactive Systems (DIS) Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) 2 Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) 2 Reviewer, ACM Conference on Designing Interactive Systems (DIS) 2 Reviewer, ACM International Conference on Intelligent User Interfaces (IUI) 2 Reviewer, Graphics Interface (GI) 2 DEPARTMENTAL & UNIVERSITY SERVICE HAMILTON Organizer for Plant Lecture Series, Hamilton College Student Fellowship Committee, Hamilton College Search Committee, Computer Science Department 2023 - 2 SREB Recruiter, Hamilton College Organizer, AccessHack 2023 - Pre. BARNARD Department Representative, Barnard Summer Research Institute 2021-2 Judge, Columbia DivHacks Coordinator, Barnard Computer Science Summer Research Mentor, Design at Columbia Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series 2020-2	Senior Program Committee, ACM International Conference on Multimodal Interaction (ICMI)	2022
Reviewer, ACM Conference on Designing Interactive Systems (DIS) Assistant Chair, ACM SIGCHI Conference on Human Factors in Computing Systems Late Breaking Work (CHI) Reviewer, ACM Conference on Designing Interactive Systems (DIS) Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) Reviewer, ACM Conference on Designing Interactive Systems (DIS) Reviewer, ACM International Conference on Intelligent User Interfaces (IUI) Reviewer, Graphics Interface (GI) DEPARTMENTAL & UNIVERSITY SERVICE HAMILTON Organizer for Plant Lecture Series, Hamilton College Student Fellowship Committee, Hamilton College Search Committee, Computer Science Department 2023 - 2 SREB Recruiter, Hamilton College Organizer, AccessHack 2023 - Prec BARNARD Department Representative, Barnard Summer Research Institute 2021-2 Judge, Columbia DivHacks Coordinator, Barnard Computer Science Summer Research Mentor, Design at Columbia 2020-2 Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series 2020-2	Reviewer, ACM Conference on Computer-Supported Cooperative Work (CSCW)	2021
Assistant Chair, ACM SIGCHI Conference on Human Factors in Computing Systems Late Breaking Work (CHI) Reviewer, ACM Conference on Designing Interactive Systems (DIS) Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) Reviewer, ACM Conference on Designing Interactive Systems (DIS) Reviewer, ACM International Conference on Intelligent User Interfaces (IUI) Reviewer, Graphics Interface (GI) DEPARTMENTAL & UNIVERSITY SERVICE HAMILTON Organizer for Plant Lecture Series, Hamilton College Student Fellowship Committee, Hamilton College Search Committee, Computer Science Department 2023 - 2 SREB Recruiter, Hamilton College Organizer, AccessHack 2023 - Pred BARNARD Department Representative, Barnard Summer Research Institute 2021-2 Judge, Columbia DivHacks Coordinator, Barnard Computer Science Summer Research Mentor, Design at Columbia 2020-2 Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series 2020-2	Reviewer, ACM Conference on Mobile Human-Computer Interaction (MobileHCI)	2021
Work (CHI) Reviewer, ACM Conference on Designing Interactive Systems (DIS) Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) Reviewer, ACM Conference on Designing Interactive Systems (DIS) Reviewer, ACM Conference on Designing Interactive Systems (DIS) Reviewer, ACM International Conference on Intelligent User Interfaces (IUI) Reviewer, Graphics Interface (GI) DEPARTMENTAL & UNIVERSITY SERVICE HAMILTON Organizer for Plant Lecture Series, Hamilton College Student Fellowship Committee, Hamilton College 2024 - 2 Student Fellowship Committee, Hamilton College 2023 - 2 SREB Recruiter, Hamilton College Organizer, AccessHack 2023 - Pres BARNARD Department Representative, Barnard Summer Research Institute 2021-2 Judge, Columbia DivHacks Coordinator, Barnard Computer Science Summer Research Mentor, Design at Columbia 2020-2 Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series 2020-2	Reviewer, ACM Conference on Designing Interactive Systems (DIS)	2021
Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) Reviewer, ACM Conference on Designing Interactive Systems (DIS) Reviewer, ACM International Conference on Intelligent User Interfaces (IUI) Reviewer, Graphics Interface (GI) DEPARTMENTAL & UNIVERSITY SERVICE HAMILTON Organizer for Plant Lecture Series, Hamilton College Student Fellowship Committee, Hamilton College Search Committee, Computer Science Department 2023 - 2 SREB Recruiter, Hamilton College Organizer, AccessHack Department Representative, Barnard Summer Research Institute 2021-2 Judge, Columbia DivHacks Coordinator, Barnard Computer Science Summer Research Mentor, Design at Columbia Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series 2020-2		2021
Reviewer, ACM Conference on Designing Interactive Systems (DIS) Reviewer, ACM International Conference on Intelligent User Interfaces (IUI) Reviewer, Graphics Interface (GI) DEPARTMENTAL & UNIVERSITY SERVICE HAMILTON Organizer for Plant Lecture Series, Hamilton College Student Fellowship Committee, Hamilton College Search Committee, Computer Science Department SREB Recruiter, Hamilton College Organizer, AccessHack Department Representative, Barnard Summer Research Institute Judge, Columbia DivHacks Coordinator, Barnard Computer Science Summer Research Mentor, Design at Columbia Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series	Reviewer, ACM Conference on Designing Interactive Systems (DIS)	2020
Reviewer, ACM International Conference on Intelligent User Interfaces (IUI) Reviewer, Graphics Interface (GI) DEPARTMENTAL & UNIVERSITY SERVICE HAMILTON Organizer for Plant Lecture Series, Hamilton College Student Fellowship Committee, Hamilton College Search Committee, Computer Science Department 2023 - 2 SREB Recruiter, Hamilton College Organizer, AccessHack 2023 - Pred BARNARD Department Representative, Barnard Summer Research Institute 2021-2 Judge, Columbia DivHacks Coordinator, Barnard Computer Science Summer Research Mentor, Design at Columbia 2020-2 Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series	Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI)	2020
Reviewer, Graphics Interface (GI) DEPARTMENTAL & UNIVERSITY SERVICE HAMILTON Organizer for Plant Lecture Series, Hamilton College Student Fellowship Committee, Hamilton College Search Committee, Computer Science Department 2023 - 2 SREB Recruiter, Hamilton College Organizer, AccessHack BARNARD Department Representative, Barnard Summer Research Institute Judge, Columbia DivHacks Coordinator, Barnard Computer Science Summer Research Mentor, Design at Columbia Organizer, Enhance, and Advance Research Series	Reviewer, ACM Conference on Designing Interactive Systems (DIS)	2019
DEPARTMENTAL & UNIVERSITY SERVICE HAMILTON Organizer for Plant Lecture Series, Hamilton College Student Fellowship Committee, Hamilton College Search Committee, Computer Science Department 2023 - 2 SREB Recruiter, Hamilton College Organizer, AccessHack 2023 - Pres BARNARD Department Representative, Barnard Summer Research Institute 2021-2 Judge, Columbia DivHacks 2021-2 Goordinator, Barnard Computer Science Summer Research 2020-2 Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series	Reviewer, ACM International Conference on Intelligent User Interfaces (IUI)	2019
HAMILTON Organizer for Plant Lecture Series, Hamilton College Student Fellowship Committee, Hamilton College Search Committee, Computer Science Department 2023 - 2 SREB Recruiter, Hamilton College Organizer, AccessHack BARNARD Department Representative, Barnard Summer Research Institute Judge, Columbia DivHacks Coordinator, Barnard Computer Science Summer Research Mentor, Design at Columbia Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series	Reviewer, Graphics Interface (GI)	2014
Organizer for Plant Lecture Series, Hamilton College2024 - 2Student Fellowship Committee, Hamilton College2024 - 2Search Committee, Computer Science Department2023 - 2SREB Recruiter, Hamilton College2Organizer, AccessHack2023 - PresBARNARD2021 - 2Department Representative, Barnard Summer Research Institute2021 - 2Judge, Columbia DivHacks2Coordinator, Barnard Computer Science Summer Research2Mentor, Design at Columbia2020 - 2Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series2020 - 2	DEPARTMENTAL & UNIVERSITY SERVICE	
Search Committee, Computer Science Department SREB Recruiter, Hamilton College Organizer, AccessHack BARNARD Department Representative, Barnard Summer Research Institute Judge, Columbia DivHacks Coordinator, Barnard Computer Science Summer Research Mentor, Design at Columbia Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series 2023 - 22 2020 - 22 2020 - 22 2020 - 22		2024 - 2025
SREB Recruiter, Hamilton College Organizer, AccessHack BARNARD Department Representative, Barnard Summer Research Institute Judge, Columbia DivHacks Coordinator, Barnard Computer Science Summer Research Mentor, Design at Columbia 2020-2 Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series	Student Fellowship Committee, Hamilton College	2024 - 2025
Organizer, AccessHack BARNARD Department Representative, Barnard Summer Research Institute 2021-2 Judge, Columbia DivHacks Coordinator, Barnard Computer Science Summer Research Mentor, Design at Columbia 2020-2 Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series	Search Committee, Computer Science Department	2023 - 2025
BARNARD Department Representative, Barnard Summer Research Institute 2021-2 Judge, Columbia DivHacks Coordinator, Barnard Computer Science Summer Research Mentor, Design at Columbia 2020-2 Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series 2020-2	SREB Recruiter, Hamilton College	2023
Department Representative, Barnard Summer Research InstituteJudge, Columbia DivHacks2Coordinator, Barnard Computer Science Summer Research2Mentor, Design at Columbia2020-2Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series2020-2	Organizer, AccessHack	023 - Present
Coordinator, Barnard Computer Science Summer Research Mentor, Design at Columbia 2020-2 Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series 2020-2		2021-2022
Mentor, Design at Columbia 2020-2 Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series 2020-2	Judge, Columbia DivHacks	2021
Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series 2020-2	Coordinator, Barnard Computer Science Summer Research	2020
	Mentor, Design at Columbia	2020-2021
	Organizer, Barnard BEARS: Better, Enhance, and Advance Research Series	2020-2021
Judge, Columbia Virtual Campus Design Challenge	Judge, Columbia Virtual Campus Design Challenge	2020

ORGANIZATIONS

Affiliate, Alliance for Identity-Inclusive Computing Education (AiiCE)	2022-Present
Member, American Association for the Advancement of Science	2017-Present
Member, Gator Women in Computer Science	2016-2017
Chair (2015), Cofounder and Vice-Chair (2014), ACM's Women in Computing (ACM-W) Colorado State University	2014-2015
Member, Upsilon Pi Epsilon - Colorado State University Chapter	2014-2016
Member, Association for Computing Machinery (ACM)	2014-Present
Secretary (2011-2013), Member (2009-2011), Association for Women in Computing (AWC) – Montana State University	2011-2013
OUTREACH	
Hamilton College Careers in Tech Workshop for Youth	2024—2025
Colorado State University's ACM-W K-12 Outreach Series	2014—2015

UNDERGRADUATE RESEARCH MENTOR

Colorado State University's Math, Science, & Technology Day

LISTED BY GRADUATION YEAR AND INSTITUTION

HAMILTON COLLEGE

Soren Lera, Seth Moore, and Leah Reed '27

Montana State University's Engineer-a-thon

Lulu Ceccon, Joseph Simeone, and Catherine Zhang '26

Jamie Duncan, Iris Izydorczak, and Connor Whynott '25

Sebastian Favela, James Frazier, Matthew Maillet***, Emily Weinstein, and Ivan Wu*** '24

Nicholas Adair '23

BARNARD COLLEGE & COLUMBIA UNIVERSITY

Luiza Leschziner and Hana Memon '24

Francesca Cauvoti, Nazaret Cuadros, Mei Kuo, Esme Li, Catherine O'Brien, and Dipashreya Sur*** '23

Julia Chang, Jade Chen, Alexandra Cheng, Cindy Espinosa, Ariel Goldman***, Sabrina Meng, Aditi Patil, Emily Ringel, and Morgan Zee '22

Hariti Patel, Shivani Patel, and Yiyun Wang '21

UNIVERSITY OF FLORIDA

Halle Parris '18

Stephanie Nash '17

COLORADO STATE UNIVERSITY

Megan Hofmann* '16

Christopher Dean**, Courtney Lutton, Annie Ross*, Heting Wang*** '15

* Assistant Professor

** Postdoc

2013—2014

2012

$\textbf{SARAH MORRISON-SMITH} \,|\, \textbf{CURRICULUM VITAE}$

*** Graduate student

INVITED TALKS AND WORKSHOPS

Panel: Ada Lovelace Day Hamilton College Hamilton College Library	Clinton, NY October 2023
Workshop: Accessibility Columbia University DivHacks	New York, NY October 2021
Panel: Accessibility Columbia University DivHacks	New York, NY October 2021
Workshop: Fundamentals of Version Control using Git and GitHub Barnard College Vagelos Computational Science Center	New York, NY October 2021
Intro to Barnard CS and Hands-on Data Visualization Barnard College Science Pathways Scholars Program (SP ²)	New York, NY July 2021
Challenges and Barriers in Virtual Teams: A Literature Review AnnexBox	New York, NY July 2021
Career Paths in STEM Barnard College Summer Research Institute	New York, NY June 2021
"Why Are There So Many Students with Disabilities?": Looking at Disability from a DEI Lens Barnard College Center for Engaged Pedagogy	New York, NY March 2021
Introduction to Source Control Barnard College Barnard BEARS: Better, Enhance, and Advance Research Series	New York, NY March 2021
Finding Your Mentor Barnard College Barnard BEARS: Better, Enhance, and Advance Research Series	New York, NY January 2021
User Interface/User Experience Columbia University DivHacks Hackathon	New York, NY October 2020
Quick Guide to Accessible Design Columbia University Design at Columbia	New York, NY June 2020
Eliciting Gestures from Users Barnard College	New York, NY May 2019
Supporting Biological E-Science Through HCI Center for Minorities and People with Disabilities in IT	Houston, TX May 2019

Exploring Users' Work Practices, Needs, and Mental Models to Build the Next Generation of Notre Dame, IN **Interactive Technology** *April* 2019 Future Faculty Workshop University of Notre Dame Mental Health & Graduate School Gainesville, FL University of Florida February 2019 Calming CHI Anxiety: A Mindfulness Approach Gainesville, FL University of Florida September 2018 A Picture is Worth a Thousand Words: Making Informative Figures for Research Papers Gainesville, FL University of Florida October 2017 Improving At-Home CPR Training with Virtual Feedback Gainesville, FL University of Florida July 2017 RSIs or: How I learned to Stop Worrying and Love the Foot Mouse Gainesville, FL University of Florida July 2017