SRISHTI PALANI

Design Lab, Design & Innovation Building,
University of California, San Diego

La Jolla, CA 92037

📞 +1 (413) 404-5828

✉ srishti@ucsd.edu

🌐 srishtipalani.com

EDUCATION

Ph.D. in Cognitive Science, University of California, San Diego   2018 -- Present
Focus Areas: HCI, Search Interfaces, Sensemaking and Creativity Support
Committee: Steven P. Dow (Chair, UCSD), Scott Klemmer (UCSD), James D. Hollan
(UCSD), Julian McAuley (UCSD), Daniel M. Russell (Google)
Supported by: Google PhD Fellowship, NCWIT Collegiate Award

M.S. in Cognitive Science (specializing in Design)   2018 -- 2020
Advisor: Steven P. Dow
University of California, San Diego

B.A. *summa cum laude* in Computer Science, Psychology, Cognitive Neuroscience
Mount Holyoke College, South Hadley, Massachusetts   2014 -- 2018
Advisors: Barbara Lerner, Mara Breen
Thesis: 'Who's There?': Designing Sensor-Aided Wearable Assistive Technology for the
Blind | CRA Outstanding Undergraduate Research: Finalist, CCSCNE Best Paper Award

RESEARCH EXPERIENCE

University of California San Diego, Design Lab, PhD Researcher   2018 -- Present
Mentors: Steven P. Dow, James D. Hollan, Scott Klemmer

Allen Institute for AI, Semantic Scholar Team, Research Intern   Summer 2022
Mentors: Joseph Chang, Jonathan Bragg, Amy Zhang, Aakanksha Naik, Doug Downey

Autodesk Research, HCI and Visualization Team, Research Intern   Summer 2021
Mentors: Fraser Anderson, David Ledo, George Fitzmaurice

Microsoft Research, Research Intern   Summer 2019
Mentors: Meredith Ringel Morris, Adam Fourney

SELECTED AWARDS & HONORS

Google PhD Fellowship   2021 -- Present
CHI Best Paper Award Honorable Mention   2022

NCWIT Collegiate Award Finalist   2021
Grace Hopper Research Scholars' Mentor, CRA-W   2019
Selected for Cornell, Maryland, Max Planck Pre-Doctoral Research School   2018
Outstanding Undergraduate Researcher (Finalist), CRA   2018
Best Undergraduate Research, Consortium for Computing Sciences in Colleges, NE 2018
Phi Beta Kappa Prize for Best Research, Phi Beta Kappa   2018
Fennema and Strahman Prize (Top Graduate), MHC CS Department   2018
Academic Excellence Award (Top Junior, Senior), MHC Psychology Dept.   2017, 2018
Diamond Award for Scholarship, National Residence Hall Honorary   2018
Bank of America, Grace Hopper Scholarship ($5,000 towards tuition)   2017
Mary Lyon Scholarship (merit scholarship)   2014-18

REFEREED PUBLICATIONS

2022 [P1] **Srishti Palani,** Yingyi Zhou, Sheldon Zhu, Steven Dow. Embedding Query Suggestions within Searcher's Sense-making Structures Promotes Active Searching and Knowledge Discovery. *In Proceedings of UIST'22: ACM Symposium on User Interface Software and Technology (UIST).* Oct 29-Nov 2, 2022, Bend, Oregon, USA.

[P2] **Srishti Palani,** David Ledo, Fraser Anderson, George Fitzmaurice. "*I don't want to feel like I'm working in a 1960s factory*": The Practitioner Perspective on Creativity Support Tool Adoption. *In Proceedings of CHI'22: ACM CHI Conference on Human Factors in Computing Systems (CHI '22).* April 20-May 6, 2022, New Orleans, USA. [12.5% Acceptance Rate]   🏆 **Best Paper Honorable Mention**

2021 [P3] **Srishti Palani,** Zijian Ding, Austin Nguyen, Andrew Chuang, Stephen MacNeil, Steven Dow.. CoNotate: Suggesting Queries Based on Notes Promotes Knowledge Discovery. *In Proceedings of CHI'21: ACM CHI Conference on Human Factors in Computing Systems* (CHI '21). May 8-13, 2021, Virtual Conference. [26.3% Acceptance Rate]

[P4] **Srishti Palani**, Zijian Ding, Stephen MacNeil, Steven Dow. The "Active Search" Hypothesis: How Search Strategies Relate to Creative Learning. *In Proceedings of CHIIR'21: ACM SIGIR Conference on Human Information Interaction and Retrieval Online* (CHIIR'21). March 14-19, 2021, Virtual Conference.

[P5] Matin Yarmand, **Srishti Palani**, Scott Klemmer. Adjacent Display of

Relevant Discussion Resolves Confusion when Learning Online. *Proceedings of the ACM on Human-Computer Interaction. (CSCW '21)*. November 2021, Virtual Conference.

2020   [P6]   **Srishti Palani**, Adam Fourney, Shane Williams, Kevin Larson, Irina Spiridonova, and Meredith Ringel Morris. 2020. An Eye Tracking Study of Web Search by People With and Without Dyslexia. *ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR '20)*, July 25-30, 2020, Virtual Event, China. [26% Acceptance Rate]

2018   [P7]   **Srishti Palani,** Barbara Lerner. "Who's There?": Designing Sensor-Aided Wearable Assistive Technology for the Blind. *Consortium for Computing Sciences in Colleges, North East (CCSCNE'18)*, March 2018, Manchester, New Hampshire. 🏆 **Best Undergraduate Research**

TEACHING EXPERIENCE

Instructor and Organizer,   CSE 219/ COGS 229/ DSGN 119 Design at Large Seminar Series on Designing Human-AI Systems for Creativity and Beyond   Jan -- Mar 2023

Head TA, UCSD Department of Cognitive Science
- Assist professors, instructors, and TAs across the department with online lesson plans and technology for remote learning; and organize discussion roundtables to share experiences
- Liaison between the department and the School of Social Sciences

TA, **Startup Studio**, UCSD Cognitive Science	Fall 2020
TA, **Civic Design**, UCSD Cognitive Science	Winter 2020
TA, **Social Computing**, UCSD Cognitive Science	Fall 2019, Winter 2021
TA, **Prototyping**, UCSD Cognitive Science	Spring 2019
TA, **Human Computer Interaction**, UCSD Cognitive Science	Winter 2019
TA, CS 334: **Intelligent Information Retrieval, MHC Computer Science**	Spring 2018
TA, CS 343: **Programming Language Design, MHC Computer Science**	Fall 2017
TA, CS 101: Object Oriented Programming, MHC Computer Science	Fall 2016

MENTORING EXPERIENCE

Zijian Ding   (UCSD, now PhD student at UMD, College Park)
Brendan Jew (UCSD, now Product Designer at Intuit)
Austin Nguyen (UCSD)
Andrew Chuang (UCSD, CMU)

Yingyi Zhou (UCSD, now at Microsoft)
Sheldon Zhu (UCSD)

INVITED TALKS

| 2022 | **Allen Institute for AI, Semantic Scholar,** Seattle, WA | October |
| | *Semantic Reader Workshop Series: Reading Multiple Papers* | |

| 2021 | **Autodesk Research**, HCI & Visualization Team Meeting, Online | June |
| | **Jane Street Research Symposium**, NYC, NY | January |

| 2020 | **CRA-W, Grace Hopper Celebration Conference**, Houston, TX | |

| 2019 | **Microsoft Research**, Seattle, WA | August |
| | **CRA-W Grad Cohort**, Chicago, IL | April |

SERVICE

REVIEWER

ACM CHI	2021, 2022, 2023
ACM CHIIR	2023
ACM Creativity and Cognition [🏆Outstanding Reviews]	2021, 2022
ACM UIST	2022
ACM CSCW	2022
ACM DIS	2022

STUDENT VOLUNTEER

ACM CHI	2020, 2021, 2022
ACM IUI	2021
ACM CSCW	2021
ACM UIST	2021

LOCAL SERVICE & COMMUNITY BUILDING

Speaker & Panelist, PhD Orientation, UCSD Cognitive Science	2019 -- 2022
Organizer & Speaker, PhD Applications Workshop, UCSD CSE	2019, 2020, 2021
Organizer, PhD Applications Workshop, UCSD Design Lab	2020, 2021
Speaker, Prospective Student Visit Day, UCSD Cognitive Science Department	2021
Speaker & Panelist, Prospective Student Visit Day, UCSD CSE	2019, 2020

Organizer & Speaker, Mentorship Brown Bag Lunch, UCSD CSE Dept.   2019

Board Member, UCSD Graduate Women in Computing   2019 - 2022
- Organized 2 conferences for local schools, and 3 speaker series for undergraduates and graduates to facilitate interactions with between students and mentors from under-represented backgrounds in computing

Graduate Mentorship Coordinator, UCSD Cognitive Science   2019 – 2020
- Created a trans-disciplinary peer mentorship program between graduate students in computing fields across UCSD

Senior Community Advisor, MHC Office of Residential Life   2015 – 2018
- Fostered an inclusive and friendly community in the largest community on campus of 200+ students; Guided 8 Community Advisors to be role models, peer counselors, event planners, crisis responders
- Directed inclusive programming for the Mary Woolley Floor – our LGBTQIA+ focused living learning community

Harriet Newhall Fellow, MHC Office of Admissions   2017 – 2018
- Interacted with and interviewed prospective students; aided in the planning and execution of admission special events

Member, Student Advisory Committee, MHC Department of Computer Science   2016
- Engaged with faculty research, attended talks, and provided feedback during recruitment of senior faculty member to MHC CS Department

Co-Founder & Chair, MHC Girls in Tech Conference   2016 – 2017
- Spearheaded a conference geared for high school girls from suburban New England to teach them about the versatility of the tech industry through lightning talks, workshops, and mentorship; Led a team of 14 board members, 50+ student volunteers and mentors
- Coordinated over $8,000 in funding and sponsorship
- As Head of Outreach and Sponsorship in 2015-2016: helped found the conference, successfully procured over 15 sponsors and 2 award grants of over $15,000; invited and organized 10+ speakers and workshop leaders over the next 2 years

Board Member, HackHolyoke   2014 – 2016
- Helped organize the first women's college hackathon, the first hackathon to achieve 50:50 gender ratio; Organized 60+ volunteers and arranged for resources for 400+ hackers over 2 hackathons

NCAA Player & Team Member, Varsity Squash Team, MHC   2014 – 2016