

# YUEXING HAO

CV Updated on 12/12/2025

## Summary

IvyPlus Exchange Ph.D. Scholar in EECS at MIT/Cornell, specializing in **multi-turn LLM agents, alignment, RLHF, and evaluation**. Experienced in RAG pipelines, MCP agent development, and RL fine-tuning. **Anticipated graduation: December 2025. Seeking full-time employment starting Jan 1, 2026.**

## Education

<b>IvyPlus Exchange Ph.D Scholar.</b> EECS, Massachusetts Institute of Technology Laboratory for Information & Decision Systems (LIDS) <u>Advisor:</u> Marzyeh Ghassemi ( <i>Healthy ML Group</i> )	09/2024 to 12/2025
<b>Ph.D.</b> Human-Centered Design, Cornell University Concentrations in AI, Patient-AI Collaboration, and Health Intelligence <u>Advisor:</u> Saleh Kalantari ( <i>DAIL</i> ), Marzyeh Ghassemi ( <i>MIT</i> ) <u>Committee:</u> Corinna E. Löckenhoff ( <i>Psychology</i> ), Aditya Vashistha ( <i>Information Science</i> ), Drew Margolin ( <i>Communication</i> ), Angelique Taylor ( <i>Computer Science</i> )	09/2022 to 12/2025
<b>M.S.</b> Computer Science, Tufts University	09/2020 to 01/2022
<b>B.A.</b> Computer Science, Rutgers University-New Brunswick	09/2017 to 05/2020

## Published Publications

1. D. Paula, N. Shishelyakin, V. Kipping, **Y. Hao**, A. Balagopalan, M. Ghassemi, A. Stern. Are We Better Together? Investigating the Value of Human–AI Collaboration for Online Health Communities. *International Conference on Information Systems (ICIS) 2025*. <https://aisel.aisnet.org/icis2025/hti/hti/5/>
2. **Y. Hao**, J. Holmes, M. Waddle, N. Yu, K. Vickers, H. Preston, D. Margolin, C. Loeckenhoff, A. Vashistha, M. Ghassemi, S. Kalantari, W. Liu. Personalizing Cancer Education for Patients Using an EHR-Integrated LLM Agent. *Accepted to Npj Digital Medicine 2025*. <https://arxiv.org/abs/2409.19100>.
  - a. Patent Filed at Mayo Clinic. *DR25-223: Personalizing Cancer Education for Patients Using an EHR-Integrated LLM Agent*
3. **Y. Hao**, Z. Qiu, J. Holmes, C.E. Löckenhoff, W. Liu, M. Ghassemi, S. Kalantari. Large Language Model Integrations in Cancer Decision-Making: A Systematic Review and Meta-Analysis. *Npj Digital Medicine 2025*. <https://www.nature.com/articles/s41746-025-01824-7>
4. **Y. Hao**, J. Holmes, J. Hobson, A. Bennett, E. L. McKone, D. K. Ebner, D. M. Routman, S. Shiraishi, S. H. Patel, N. Y. Yu, C. L. Hallemeier, B. E. Ball, M. Waddle, W. Liu, (2025). Retrospective Comparative Analysis of Prostate Cancer In-Basket Messages: Responses from Closed-Domain LLM vs. Clinical Teams. *Mayo Clinic*

\*Equal authorship

Proceedings: *Digital Health*, 100198. <https://doi.org/10.1016/j.mcpdig.2025.100198>

- a. Patent Filed at Mayo Clinic. DR25-761: *Automatic In-Basket Message Response System based on a Retrieval Augmented Generation (RAG)-based Large Language Model (LLM)*
5. **Y. Hao** \*, T. Yuan \*, Y. Yang \*, A. Gupta, M. Wieland, K. Birman, P. Basran. AI-Based Teat Shape and Skin Condition Prediction for Dairy Management. [ArXiv](#). *The 3rd Deployable AI Workshop at AAAI-2025 (DAI), co-located at the AAAI 2025 conference*, February 25 - March 4, 2025, Philadelphia, Pennsylvania.
6. **Y. Hao**, Z. Liu, B. Riter, S. Kalantari. Advancing Patient-Centered Shared Decision-Making with AI Systems for Older Adult Cancer Patients. *In Proceedings of the CHI Conference on Human Factors in Computing Systems (CHI '24)*, May 11--16, 2024, Honolulu, HI, USA. <https://doi.org/10.1145/3613904.3642353>
7. Y. Qian, **Y. Hao**\*, K. Quan\*, S. Yang\*, Y. Zhao\*, V. Kuleshov, F. Wang. Harnessing Biomedical Literature to Calibrate Clinicians' Trust in AI Decision Support Systems. *In Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (CHI '23)*. Association for Computing Machinery, New York, NY, USA, Article 14, 1–14. <https://doi.org/10.1145/3544548.3581393>
8. Y. Fei, F. Chen, L. He, J. Chen, **Y. Hao**, X. Li, G. Liu, Q. Chen, L. Li, H. Wei. Intelligent classification of antenatal cardiotocography signals via multimodal bidirectional gated recurrent units. *Biomedical Signal Processing and Control*, Volume 78, 2022, ISSN 1746-8094, <https://doi.org/10.1016/j.bspc.2022.104008>.
9. **Y. Hao**, M. Vaysiberg. Dynamic Strategies and Opponent Hands Estimation for Reinforcement Learning in Gin Rummy Game. *Intelligent Systems and Applications. IntelliSys 2021. Lecture Notes in Networks and Systems*, vol 294. Springer, Cham.
10. R. Cai, Z. Liang, B. Xu, Z. Li, **Y. Hao**, Y. Chen. TAG: Type Auxiliary Guiding for Comment Generation. *58th Association for Computational Linguistics (ACL)*, 2020.
11. R. Cai, W. Di, X. Chen, **Y. Hao**. Dual-Dropout Graph Convolutional Network for Predicting Synthetic Lethality in Human Cancers. *Bioinformatics*, btaa211, 2020.  
<https://digital-library.theiet.org/content/journals/10.1049/iet-ipr.2019.0716>
12. M. Wang, Y. Liang, L. Chen, **Y. Hao**, H. He, C. Li. Single Image Rain Removal with Reusing Original Input Squeeze-and-Excitation Network. *IET Image Processing*, 2020.

## Under Review Publications

13. **Y. Hao**, K. Alhamoud, H. Zhang, H. Jeong, G. Yan, I. Puri, P. Torr, M. Schaekermann, S. Kalantari, A.D. Stern, M. Ghassemi. MedPAIR: Measuring Physicians and AI Relevance Alignment in Medical Question Answering. *arXiv* 2025 <https://www.arxiv.org/abs/2505.24040> (*Under Review in Medicine Journal*)
14. R. Sayres \*, **Y. Hao** \*, A. Ward, A. Wang, B. Freeman, S. Zhan, D. Ardila, J. Li, I.-C. Lee, A. Iurchenko, S. Kou, K. Badola, J. Hu, B. Kumar, K. Johnson, S. Vijay, J. Krogue, A. Hassidim, Y. Matias, D.R. Webster, S. Virmani, Y. Liu, Q. Duong, & M. Schaekermann. (2025). Towards Better Health Conversations: The Benefits of Context-Seeking. *arXiv* 2025 <https://storage.googleapis.com/research-media/wayfinding-ai.pdf> (*Under Review in*

Computer Science Conference)

15. **Y. Hao** \*, Y. Huang \*, H. Zhang, C. Zhao, Z. Liang, P.P. Liang, L. Sun, Y. Zhao, S. Kalantari, X. Zhang, M. Ghassemi. The Role of Computing Resources in Publishing Foundation Model Research. *arXiv 2025* <https://arxiv.org/abs/2510.13621> (*Under Review in Science Journal*)
16. **Y. Hao**, J. Holmes, J. Hobson, E. McKone, A. Bennett, D.K. Ebner, D.M. Routman, S. Shiraishi, N. Yu, S. Patel, C.L. Hallemeier, B.E. Ball, S. Kalantari, M. Ghassemi, M. Waddle, W. Liu. Research through Evaluation (RtE): Iteratively Developing Evaluations for Large Language Model-Generated Outputs in Healthcare. *arXiv 2025*. (*Under Review in Medicine Journal*)
17. X. Li \*, M. Gao \*, **Y. Hao**, T. Li, G. Wan, Z. Wang, Y. Wang. MedGUIDE: Benchmarking Clinical Decision-Making in Large Language Models, *arXiv 2025* <https://arxiv.org/abs/2505.11613> (*Under Review in Computer Science Conference*)
18. J. Holmes, **Y. Hao**, M. Borras-Osorio, F. Mastroleo, S.R. Brufau, V. Carducci, K.M. Van Abel, D.M. Routman, A.Y. Foong, L.M. Muller, S. Shiraishi, D.K. Ebner, D.J. Ma, S.R. Keole, S.H. Patel, M. Fatyga, M. Bues, B.J Stish, Y.I. Garces, M.A. Wittich, R.L. Foote, S.A. Vora, N.N. Laack, M.R. Waddle, W. Liu. RadOnc-GPT: An Autonomous LLM Agent for Real-Time Patient Outcomes Labeling at Scale. *arXiv 2025* <https://arxiv.org/abs/2509.25540> (*Under Review in Digital Health Journal*).
19. A. Gourabathina, **Y. Hao**, W. Gerych, M. Ghassemi. The MedPerturb Dataset: What Non-Content Perturbations Reveal About Human and Clinical LLM Decision Making, *arXiv 2025*. <https://arxiv.org/abs/2506.17163>. (*Under Review in Computer Science Conference*)

## Workshop Publications

20. **Y. Hao**, C. Löckenhoff, H. Lee, J. Zwerling, S. Kalantari. The i-SDM Framework: Developing AI-based Tools in Shared Decision-Making for Cancer Treatment with Clinical Professionals. *Companion of the 2024 Computer-Supported Cooperative Work and Social Computing (CSCW 24')*. <https://doi.org/10.1145/3678884.3681841>
21. **Y. Hao**. HUG Smart Sticker: Enhancing Personalized Intelligent Medication Management for Community-Dwelling Older Adults with an AIoT Intervention. *In Extended Abstracts of the CHI Conference on Human Factors in Computing Systems (CHI EA '25), April 26-May 1, 2025, Yokohama, Japan.* <https://doi.org/10.1145/3706599.3719286>
22. **Y. Hao**. Outcome First or Overview First? Optimizing Patient-Oriented Framework for Evidence-Based Healthcare Treatment Selections with XAI Tools. *Companion of the 2024 Computer-Supported Cooperative Work and Social Computing (CSCW 24')*. <https://doi.org/10.1145/3678884.3681859>
23. J. Feng, J. Liang, Z. Qiang, **Y. Hao**, X. Li, L. Li, Q. Chen, G. Liu, H. Wei. A hybrid stacked ensemble and Kernel SHAP-based model for intelligent cardiotocography classification and interpretability. *BMC Med Inform Decis Mak* 23, 273 (2023). <https://doi.org/10.1186/s12911-023-02378-y>
24. A. Gupta \*, **Y. Hao** \*, Y. Yang \*, T. Yuan \*, M. Wieland, P. Basran, K. Birman. Digital Twin-Driven Teat

Localization and Shape Identification for Dairy Cow. In the Thirty-Eighth AAAI Conference on Artificial Intelligence (AAAI-24) Student Poster Program. <https://ojs.aaai.org/index.php/AAAI/article/view/30450>

25. **Y. Hao**, Z. Liu, M. Safford, R. Tamimi, S. Kalantari. An Exploratory Study of Shared Decision-Making (SDM) for Older Adult Patients with Chronic Diseases. In *Companion Publication of the 2023 Conference on Computer Supported Cooperative Work and Social Computing (CSCW '23 Companion)*. Association for Computing Machinery, New York, NY, USA, 12–16. <https://doi.org/10.1145/3584931.3607023>
26. **Y. Hao**, V. Bellotti. OOTOMS: Outcome-Oriented Techniques for User's Optimized Model Selections using Visualization Tools. *Workshop of Human-Centered Design of Symbiotic Hybrid Intelligence 2022*, <https://ii.tudelft.nl/humancenteredsymbiotichI/node/9>.
27. **Y. Hao**, G. Shafer. Models for Predicting Global Plastic Waste. *Rutgers University Research Journal (RURJ)*, Spring 2021.

## Working History

### Research Intern

05/2025 to 12/2025

Google Research (Health AI Team)

– Mountain View, CA

I worked on a Gemini-based conversational agent, “*Wayfinder*” designed to support consumers in seeking health information more effectively.

- My work centers on **intent understanding, response adaptation, and multi-turn interaction quality**.
- Implement model ablations, agentic workflow prototypes, and data instrumentation pipelines to study the LLM’s **CoT reasoning**.
- Build **retrieval-augmented generation (RAG) pipelines** to ensure factual grounding and deploy **MCP-based agents** on the Gemini CLI to support **>10k large-scale** structured reasoning from **54.7% to 83.2%** on OpenFDA dataset.
- Publish a first author empirical study paper that reports large-scale system-level evaluation studies. [[publication](#)]

### Human Frontier Collective Specialist

04/2025 to Current

Scale AI

– Remote

I worked on designing and evaluating complex, domain-specific benchmarks to rigorously assess AI model capabilities, with a focus on identifying limitations and improving performance.

- Design and maintain **domain-specific evaluation benchmarks** to measure agent performance across diverse tasks.
- Building experimental pipelines and validating model behavior through RLHF with domain experts.
- Collaborate with researchers and domain experts to iterate on benchmark specifications, improve evaluation consistency from a 44.3% **concordance rate to 72.4%**.

### AI Research Intern

03/2024 to Current

Mayo Clinic Radiation Oncology Department

– Phoenix, AZ

My work focuses on advancing patient education through human-centered AI systems, “*MedEduChat*”. [[publication](#)]

- Develop multi-expert evaluation frameworks and data instrumentation tools to **measure alignment, robustness, and multi-turn coherence**.
- Published two first-author publications examining agent behavior, comparative performance against clinical teams, and expert-in-the-loop frameworks for safe and effective patient-education agents in **Nature Digital Medicine**.

### Software Research Lead

03/2022 to 08/2023

Vita Innovations

– Ithaca, NY

**Data Scientist Intern**

Keva Health

09/2021 to 01/2022

– Lexington, MA

**Graduate Teaching Assistant**

Tufts Computer Science Department

09/2020 to 12/2021

– Medford, MA

**Journal of Big Data: Theory and Practice (JBDTP) Assistant Editor**

New Jersey Big Data Alliance (NJBDA)

05/2020 to 09/2020

- Remote

**Selected Awards and Fundings ([Link to All Awards, \\$260k+](#))**

2025 Cornell University Center for Racial Justice and Equitable Futures Graduate Student Research Grant	(\$3,000)
2024-25 American Psychological Foundation K. Anders Ericsson Dissertation Research Grant	(\$10,000)
Alan D. Mathios Research & Service Grant (Fall 2023, 2024)	(\$2,220)
2025 PCCW Frank H.T. Rhodes Leadership Grant and Mission Grant	(\$11,000)
2025 Berkeley RDI AgentX–LLM Agents Competition - AI Safety & Alignment Track (second place)	(\$1,500)
2025-26 IvyPlus Exchange Ph.D. Scholarship (to MIT)	(\$18,000)
2024 Cornell University Departmental Thesis/Dissertation Research Grant	(\$1200)
OpenAI Researcher Access Program (API Credits)	(\$5,000)
MIT Sandbox Innovation Fund Program (Fall 2024, Spring 2025, Fall 2025)	(\$11,500)
2024 Best Oral Presentation at Symposium on AI in Veterinary Medicine (SAVY)	(\$500)
2024 NCWIT Aspirations in Computing Collegiate Honorable Mention Award	(\$2,500)
2024 Association for Psychological Science (APS) Student Grant Competition [ <a href="#">certificate</a> ]	(\$500)
Second Prize of the <a href="#">2023 IEEE ComSoc Student Competition</a>	(\$1000)
The 2020 Interdisciplinary Contest in Modeling (ICM) Meritorious Winner	
2023 Cornell Institute for Healthy Futures (CIHF) Research Grant	(\$500)
Microsoft sponsored Knowledge Discovery and Data Mining (KDD) Travel Grant	(\$3000)
2025 Careers Beyond Academia/BEST Program	(\$1,000)
Cornell University Graduate and Professional Student Assembly Finance Commission Funding Fall 24', Spring 23' †, Summer 23' †, Fall 23' †	(\$7700)
Cornell University Human Centered Design Department †	(\$600)

## Selected Press

### ★ 2025

- Mike Schaeckermann & Rory Sayres, Towards better health conversations: Research insights on a “wayfinding” AI agent based on Gemini, [Google Research Blog](#)
- Emily Groff, Review of large language models in cancer care reveals limitations, room for improvement, [Cornell News](#)
- Medical LLMs Show Bias with Varied Clinical Input, Study Reveals, [Quantum News](#)
- Kathy Hovis, Students win summer awards to work on startups, [Cornell Chronicle](#)
- Equalize Startups, [2025 Cohort](#)
- Cornell Graduate School, [Student Spotlight](#)

### ★ 2024

- Seniorish Daily, Using Machines to Cure Disease: AI Enhances Doctor-Patient Chats for Older Cancer Patients, [Seniorish](#)
- Gilbert + Tobin, Can AI empower patients? [gtlaw.com](#), [Lexology.com](#)
- Kristen Fischer, Report: AI tool could boost communication for older adults with cancer, [McKnight's Long-Term Care News](#).
- The Importance of Health Equity in AI-Driven Healthcare Solutions for Diverse Older Adult Cancer Patients, [Simbo.ai Blog](#)
- Emily Groff, AI may improve doctor-patient interactions for older adults with cancer, [Cornell Chronicle](#)
- Ananya Gambiraopet, Life Sciences Technology Innovation Fellowship announces 2023-24 cohort. [Cornell Chronicle](#)
- Entrepreneurship at Cornell 2023. W.E. Cornell Welcomes Fifth Cohort. [Eship.cornell](#)

### ★ 2023

- **Y. Hao**, Z. Liu, S. Tang, H. Zhao, G. Guo. Pending US provision patent through Cornell Center for Technology Licensing (CTL) - HUG Intelligent Medication Management System (docket number 10677).
- CSCW 2023. Can Grandma Be Involved in Her Next Clinical Decision? [Medium.com](#)
- Marisa LaFalce, Human connection and collaboration are common threads among CHI presentations, [Human Centered Design](#)
- Frank Landymore, New AI Gives Doctors Advice on Patient’s Ailments Like A Human Colleague, [futurism.com](#)
- Patricia Waldron, AI tool gains doctors’ trust by giving advice like a colleague, [Cornell Chronicle](#)
- Cornell Graduate School, Eight Students Advancing to 3MT Finals, [Cornell Announcement](#)

### ★ 2022

- Haining Zheng, The 5th International Workshop on Artificial Intelligence of Things (AIoT) at KDD 2022, [LinkedIn Newsletter](#)
- Laura Gallup, Teams take a crack at world food issues at digital ag hackathon, [Cornell Chronicle](#)

### ★ 2021

- Weatherhead Center, Disrupted Lives: Linking, De-linking and the Infrastructures of Recovery, [Harvard](#)

### University

- Senior Exhibit, Story Illustration – From Texts to Images, [Rutgers Aresty Research Center](#)
- Department News, Rutgers undergraduate receives "Meritorious Performance" award in Modeling contest, [Rutgers University School of Arts and Sciences](#)

## Invited Presentations

1. **Guest Lecture** at MARS (Mayo Arizona Research Synergy) seminar series. (Mar 2026)
2. **Guest Presentation** at MIT Sloan Business School Social Analytics Lab (invited by Prof. Sinan Kayhan Aral). *MIT-CALC: The Role of Computing Resources in Publishing Foundation Model Research.* (Nov 2025)
3. **Guest Lecture** at Columbia University Computer Science Department, [HCI Seminar](#). (Oct 2025)
4. **Guest Presentation** at MIT Future Tech (invited by Prof. Neil Thompson). *MIT-CALC: The Role of Computing Resources in Publishing Foundation Model Research.* (Aug 2025)
5. **Guest Presentation** at Alphabet Verily Health (formerly Google Life Sciences). *MedPAIR: Measuring Physicians and AI Relevance Alignment in Medical Question Answering.* (July 2025)
6. **Guest Lecture** at Google Research (Health AI Team). *MedPAIR: Measuring Physicians and AI Relevance Alignment in Medical Question Answering.* (July 2025)
7. **Guest Presentation** at 2024-25 workshop [Designing for Sustainability MIT-HPI Joint Research Program](#). *Towards Digital Sustainability in Health Care: Developing Digital Health Products through Data-Driven User Insights.* (Mar 2025)
8. **Guest Lecture** at MIT [AI for Society Group](#) Seminar. *Objective Approaches in a Subjective Medical World.* (Mar 2025)
9. **Guest Lecture** at [Particle Therapy Co-Operative Group \(PTCOG\)](#) Thoracic Subcommittee Quarterly Meeting. *Outlining the Borders for LLM Applications in Patient Education: Developing an Expert-in-the-Loop LLM-Powered Chatbot for Prostate Cancer Patient Education.* (Mar 2025)
10. **Guest Lecture** at Mayo Clinic Center for Digital Health Deep Learning Machine Learning (DLML) Journal Club. *Retrospective Comparative Analysis of Prostate Cancer In-Basket Messages: Responses from Closed-Domain LLM vs. Clinical Teams.* (Feb 2025)
11. **Guest Lecture** at MIT LIDS & Stats Seminar. *Outlining the Borders for LLM Applications in Healthcare.* (Nov 2024) [link](#)
12. **Guest Lecture** at MIT CSAIL ML Tea Seminar. *Objective Approaches in a Subjective Medical World.* (Oct 2024) [link](#)
13. **Guest Lecture** at MIT AI for Society Retreat. *Objective Approaches in a Subjective Medical World.* (Sep 2024)
14. **Guest Lecture** at Particle Therapy Co-Operative Group (PTCOG) Thoracic Subcommittee Quarterly Meeting. *Retrospective Comparative Analysis of Prostate Cancer In-Basket Messages: Responses from Closed-Domain LLM vs. Clinical Teams.* (Sep 2024)
15. **Guest Lecture** at Weill Cornell Medicine Division of Geriatrics and Palliative Medicine, hosted by Dr. Cary Reid. *Objective Approaches in a Subjective Medical World.* (Sep 2024)
16. **[Best Presentation] Speaker** at 2024 Symposium on Artificial Intelligence in Veterinary Medicine (SAVY). *AI-Based Cows' Teat Shape and Skin Condition Identification for Smart Dairy Farm.* Ithaca, NY. (April 2024)
17. **Keynote Speaker** at 2024 Greg Smith Palliative Care Summit, Hyde Park, NY. *Advancing Palliative Care with AI.* (Feb 2024)
18. **Guest Speaker** at Google Computer Science Research Mentorship Program (CSRMP), remote. *Explain and*

- Enhance: Patient-Centered Learning With LLM from the Public Online Health Forum.* (Dec 2023)
- 19. **Guest Lecture** at Stanford University HCI Group Event, Stanford, CA. *AI Integration in Healthcare for Community-Dwelling Older Adults.* (Nov 2023)
  - 20. **Panelist** at Women Entrepreneurship (W.E.) Cornell Role Model Conversation (Sep 2023)
  - 21. **Guest Lecture** at Cornell Design User Experience with Technology Studio. *Improving College Students' Emotional Well-being through Virtual Environmental Problem-Solving Task: An Investigation of the Impact of Cognitive Style.* (Aug 2023)
  - 22. **Poster Presentation** for New York Academy of Sciences: The New Wave of AI in Healthcare. *AI-Enhanced Patient-Centered Clinical Shared Decision-Making (SDM): A "Black Box" Study with Older Adults.* (May 2023)
  - 23. **Speaker** for Women in Data Science (WiDS)-Stanford University Workshop. *Health Intelligence for Future - Building AI-Infused Clinical Decision Support Systems.* (Apr 2023)
  - 24. **Seminar Presentation** for Cornell College of Human Ecology. *Bridging Gaps between Innovation and Impact: Enhancing Usability of Assistive Technology for Older Adults.* (Apr 2023)
  - 25. **Guest Presentation** for Weill Cornell Payne Whitney Women's Program. *Health Intelligence for Future.* (Feb 2023)
  - 26. **Guest Lecture** for Columbia Nursing [Visualization Design Studio](#). *Health Intelligence for Future - Building AI-Infused Clinical Decision Support Systems.* (Dec, 2022)
  - 27. **Short Talk** on KDD AIoT Workshop. *Agriverse: Agriculture Metaverse* (Aug, 2022)
  - 28. **Guest Presentation** on ICML AI&Woman Event. *HamletEye: An AI-Powered Patient-Oriented Clinical Decision Framework Using Visualization Tools* (Jun, 2022)
  - 29. **Poster Presentation** for the 5th Annual Primary Care & Hospital Medicine Innovations Symposium at Cornell University. (Feb, 2022)
  - 30. **Poster Presentation** for the second annual Graduate Research Science and Technology Studies (Grists) at Harvard University. (Oct, 2021)
  - 31. **Poster Presentation** for Women in Data Science-Cambridge Initiative (Mar, 2021)

## Reviews

- ★ ACM CHI Conference on Human Factors in Computing Systems 2026, 2025, 2024 Area Chair
- ★ ACM (Association of Computing Machinery) Fairness, Accountability, and Transparency Conference (FAccT) 2024 Registration Co-Chair, Program Committee (PC) member
- ★ IEEE Transactions on Medical Imaging 2024 Paper Reviewer
- ★ IEEE VR 2024 Paper Reviewer
- ★ IEEE VIS 2023 Alt.Vis Workshop Reviewer
- ★ ACM Conference On Computer-Supported Cooperative Work And Social Computing (CSCW) 2023 Associate Chair
- ★ AMIA 2023 Annual Symposium Abstract Reviewer

## Professional/Volunteer Services

- ❖ **2024**
  - Expanding Your Horizons (EYH) at Cornell 2024 Chair
  - Sigma Xi Scientific Research Honor Society Member (ID: 20249990735)

- Graduate Women International (GWI)-America Member (ID: 77618603)
- Association for Women in Science (AWIS) Member (ID: 2092)
- ❖ **2023**
  - Graduate Women in Science (GWIS) Member
  - IEEE Graduate Student Member (ID: 99480042)
  - American Psychological Association (APA) Graduate Member (ID: C2304462639)
  - [Colman Inclusive Leadership Program](#)
  - Cornell University Human-Centered Design Graduate Student Association (HCD GSA) 2023-2024 President
  - ACM Special Interest Group on Computer-Human Interaction (SIGCHI) Student Member (No. 2389305)
  - Cornell Center for Health Equity (CCHEq) Member
  - Society of Women Engineer (SWE) (ID: 2113201)
- ❖ **2022**
  - Volunteer of Cayuga Medical Center Outpatient Care Coordination (Fall 2022)
  - Organizer of the 2022 Cornell + Miller Knoll Innovation Challenge for *Future Healthcare Solutions*. (Nov, 2022) [Handbook](#)

## Mentorship

1. Grace Yan (MIT M.Eng, Fall 25'): Graduate Research Assistant, *mentored from September 25' till now*
2. Jenny Baek (MIT M.Eng): Graduate Research Assistant, *mentored from September 25' till now*
3. Yue Huang (University of Notre Dame Ph.D.): Ph.D. Research Assistant, *mentored from September 24' till now*
4. Mengye Zhu (Cornell M.S., now Product Designer at Hug Medical): Graduate Research Assistant, *mentored from April till now*
5. Cici Zhong (Cornell M.S., Summer 24'): Graduate Research Assistant, *mentored from May to Dec 24'*
6. Sabiha Ahmed (CUNY Baruch College B.S., now at Capital One): Undergraduate Research Assistant, *mentored from September 23' to September 24'*
7. Joshua Ramcharan (CUNY Hunter College B.S., now at Accenture): Undergraduate Research Assistant, *mentored in Fall 23'*
8. Peer Mentor for Cornell MAC (Multicultural Academic Council) 2023-24 Mentoring Program
9. Grace Hopper Celebration (GHC) 2023 Open Source Day Mentors
10. Kexin Quan (UCSD Electrical & Computer Engineering M.S., now IS PhD at UIUC): Graduate Research Assistant, *mentored from April till September 23'*
11. Zeyu Liu (Cornell M.S.): Graduate Research Assistant, *mentored from January 22' to May 23'*
12. Sabrina Tang (Cornell Human Development B.S.): Undergraduate Research Assistant, *mentored from September to December 23'*

## Teaching Experience

### Cornell University Teaching Assistant

DEA 2203: StudioSHIFT (Spring 2024);  
DEA 3030: Materials for Design and Sustainability (Spring 2024);  
DEA 3500: The Ambient Environment (Fall 2023);  
DEA 4025 - Design for Change: Imagining Decolonial Futures (Fall 2023);  
Policy Meets Design: High-Impact Facilities of the 21st Century (Fall 2022);  
Planning and Managing the Workplace: Evidence-Based Design (Fall 2022);  
Healthcare Innovations (Spring 2022)

### Tufts University Teaching Assistant

Introduction to Machine Learning and Data Mining (Spring, Fall 2021)  
Deep Neural Network (Fall 2020)

### Rutgers University Teaching Assistant

Data 101 (Spring 2020)  
Introduction to Computer and Application (Fall 2019, Summer 2020)