MOLLY Q FELDMAN **Last Updated: October 9, 2026**

CONTACT INFORMATION

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CURRENT POSITION

Oberlin College, Oberlin, OH 2021 - Present
Assistant Professor of Computer Science
Courses: Introduction to Computer Science; Programming Abstractions; People-Powered Procedures; Software from Start to Start Over

EDUCATION

Cornell University, Ithaca, NY 2020
Ph.D., Computer Science
Thesis: *Realizing the Human Potential of Program Synthesis & Crowdsourcing*

Cornell University, Ithaca, NY 2018
M.S., Computer Science

Swarthmore College, Swarthmore, PA 2015
B.A., Mathematics and Computer Science
Course Work, Budapest Semesters in Mathematics, Spring 2014

PREVIOUS POSITIONS

Williams College, Williamstown, MA 2020 - 2021
Visiting Assistant Professor of Computer Science
Courses: Introduction to Computer Science; Human Work in Computational Systems

Cornell University, Ithaca, NY 2019
Lecturer
Courses: Crowdsourcing and Human Computation

PUBLICATIONS

Molly Q Feldman & Amanda Zadorian. "Software and Its Workers: Teaching Software Engineering to Students for the Rentier Economy." *ACM Transactions on Computing Education.* 2026.

Yangtian Zi, Luisa Li, Arjun Guha, Carolyn Jane Anderson & Molly Q Feldman. ""I Would Have Written My Code Differently": Beginners Struggle to Understand LLM-Generated Code." *The 1st Workshop on Human-Centered AI for SE - FSE Companion.* 2025.

Francesca Lucchetti, Zixuan Wu, Arjun Guha, Molly Q Feldman & Carolyn Jane Anderson. 2025. "Substance Beats Style: Why Beginning Students Fail to Code with LLMs." *Proceedings of the 2025 Conference of the Nations of the Americas Chapter of the Association for Computational Linguistics: Human Language Technologies (Volume 1: Long Papers).* 2025.

Federico Cassano, John Gouwar, Francesca Lucchetti, Claire Schlesinger, Anders Freeman, Carolyn Jane Anderson, Molly Q Feldman, Michael Greenberg, Abhinav Jangda & Arjun Guha. "Knowledge Transfer from High-Resource to Low-Resource Programming Languages for Code LLMs". *Proceedings of the ACM on Programming Languages.* Presented at the 2024 ACM SIGPLAN International Conference on Systems, Programming, Languages and Applications: Software for Humanity. 2024.

Hannah McLean Babe, Sydney Nguyen, Yangtian Zi, Arjun Guha, Molly Q Feldman & Carolyn Jane Anderson. "StudentEval: A Benchmark of Student-Written Prompts for Large Language

Models of Code." *Findings of the Association for Computational Linguistics.* 2024.

Molly Q Feldman & Carolyn Jane Anderson. "Non-Expert Programmers in the Generative AI Future." *Proceedings of the 3rd Annual Meeting of the Symposium on Human-Computer Interaction for Work.* 2024.

Sydney Nguyen, Hannah McLean Babe, Yangtian Zi, Arjun Guha, Carolyn Jane Anderson & Molly Q Feldman. "How Beginning Programmers and Code LLMs (Mis)read Each Other." *ACM CHI Conference on Human Factors in Computing Systems.* 2024.

Federico Cassano, John Gouwar, Daniel Nguyen, Sydney Nguyen, Luna Phipps-Costin, Donald Pinckney, Ming-Ho Yee, Yangtian Zi, Carolyn Jane Anderson, Molly Q Feldman, Arjun Guha, Michael Greenberg & Abhinav Jangda. "MultiPL-E: A Scalable and Polyglot Approach to Benchmarking Neural Code Generation". *IEEE Transactions on Software Engineering.* 2023.

Molly Q Feldman & Brian McInnis. "How We Write with Crowds". *Proceedings of the ACM on Human-Computer Interaction.* Presented at the 2020 ACM Conference on Computer Support Cooperative Work and Social Computing. 2020.

Molly Q Feldman, Yiting Wang, William E. Byrd, François Guimbretière, Erik Andersen. "Towards Answering "Am I On the Right Track?" Automatically Using Program Synthesis". *Proceedings of the 2019 ACM SIGPLAN Symposium on SPLASH-E.* 2019.

Molly Q Feldman, Ji Yong Cho, Monica Ong, Sumit Gulwani, Zoran Popović, Erik Andersen. "Automatic Diagnosis of Student Misconceptions in K-8 Mathematics". *ACM CHI Conference on Human Factors in Computing Systems.* 2018.

Semi- & Non-Archival Works

Molly Q Feldman, Vera Khovanskaya, Michael Muller & Amazon Zadorian. "Economic Temporalities and the Frictions of Evaluating Work." Conversation at the *5th Annual Meeting of the Symposium on Human-Computer Interaction for Work.* 2026.

Carolyn Jane Anderson & Molly Q Feldman. "But *How* Do They Use It? Scaffolding the Introduction of Generative AI Across the SLAC Curriculum". *Presented at the Innovations and Opportunities in Liberal Arts Computing Education Affiliated Event at the SIGCSE Technical Symposium.* 2025.

Hannah McLean Babe, Sydney Nguyen, Yangtian Zi, Arjun Guha, Molly Q Feldman & Carolyn Jane Anderson. "StudentEval: A Benchmark of Student-Written Prompts for Large Language Models of Code." *Presented at the ICSE 2024 Workshop on Large Language Models for Code.* 2024. **Awarded Best Presentation**.

Invited Talks

"Can I Use AI For That? A Discussion about LLM Use in Research"
Oberlin College Summer Research Institute, 18 June 2026
Oberlin College Summer Research Institute, 12 June 2025

"Automatic Code Generation Through a Human Lens"
Department of Computer Science Colloquium, College of Wooster, 16 April 2026
Human Factors Engineering Seminar, Tufts University, 21 November 2024
Department of Computer Science Colloquium, Harvey Mudd College, 7 March 2024
Department of Computer Science, Oberlin College, 1 March 2024

"Applying Newly Practical Techniques to Human-Centered Problems"
Department of Computer Science, Williams College, 28 April 2020 (Cancelled due to COVID-19)
"A Practical Guide to User Evaluation for PL Folk"
Programming Languages Seminar (PLDG), Cornell University, 26 February 2020
"Automatic Diagnosis of Student Misconceptions in K-8 Mathematics"
Department of Computer Science, Harvard University, 21 June 2019
Artificial Intelligence Seminar, Cornell University, 20 April 2018
"Salvaging Student Programs, Automatically"
Programming Languages Seminar (PLDG), Cornell University, 18 October 2017
"Building Better Automated Feedback Solutions"
Department of Computer Science, Brown University, 22 November 2016
Programming Languages Seminar (PLDG), Cornell University, 16 November 2016

Workshop Participation

Small Liberal Arts Colleges and Generative Artificial Intelligence, The Alliance to Advance Liberal Arts Colleges, 9-11 August 2024

Invited Panels

CLEAR Parliamentary Panel, Oberlin College, 10 February 2026
Women in STEM Faculty Panel, Oberlin College, 22 January 2024
Post-PhD Career Panel, Graduate Students for Gender Inclusion in Computing (GSGIC), Cornell University, 27 January 2022

Industry

Research Intern, Google (Tutor Team) — Summer 2019

Selected Awards

W. M. Keck Foundation Faculty Fellowship, Oberlin College — 2024 - 2025
4 x Cornell University Outstanding Teaching Assistant Award — 2016 - 2020
OOPSLA Distinguished Artifact Evaluation Committee Member — 2018

Undergraduate Researchers

Maeve Choi (Oberlin Biology), Han Troung (Oberlin CS), Tze Tseng Soh (Oberlin CS), Trung Nguyen (Oberlin CS), Ha Nguyen (Oberlin CS), Huyen Kim (Oberlin Psychology), Dan-Ha Le (Oberlin CS), Boo Elliott (Oberlin Psychology), Sarah Liu (Oberlin Psychology), Gunja Sarkar (Oberlin CS), *Hannah McLean Babe* (Oberlin CS), Ajai Nelson (Oberlin CS), Natalie Korzh (Oberlin CS), Catherine Yeh (Williams CS)

Italics above denotes co-author on an archival publication

Professional Service

Steering Committee

Programming Languages Mentoring Workshop Steering Committee — 2022 - 2024
SPLASH-E Steering Committee — 2021 - 2023

PC Co-Chair

FPBT — 2027
CHIWORK Workshop W1 — 2025
SPLASH-E — 2023
PLMW@SPLASH — 2021 - 2024

PC Member

CHIWORK, HATRA, LIVE — 2026
CHIWORK, HAI-GEN, HATRA — 2025
HATRA, LIVE — 2024

	HCOMP, AAAI, LIVE	2023
	HCOMP, SPLASH-E, HATRA, LIVE	2022
	HCOMP, SPLASH-E, HATRA, miniKanren	2021
	SPLASH-E, HATRA	2020
	OOPSLA AEC	2018
	External Reviewer	
	UIST, IEEE TSE, ACM TOCE	2025
	CHI (2 x Reviewer Special Recognition)	2024
	Reviewing prior to 2021: CSCW, CHI, DIS WiP, AfriCHI	

Institutional Service

	At Oberlin College	
	Chair, Cognitive Science Curricular Committee	2023 - 2024, 2025 - Present
	Member, Committee on Writing	2025 - Present
	Member, Cognitive Science Curricular Committee	2022 - 2023
	Member, Library General Faculty Committee	2022 - 2023
	Member, Hiring Committee, CS Department	2021, 2022, 2023, 2025
	At Williams College	
	Faculty Co-Advisor, Women in Computer Science (WiCS)	2020 - 2021
	Faculty Co-Liason, Computer Science Student Advisory Committee	2020 - 2021
	At Cornell University	
	Committee Member, Gates Hall Space Committee	2018 - 2020
	Graduate Student Reader for CS PhD Admissions	2019
	Co-Organizer, Programming Languages Discussion Group	2016 - 2019
	Department of Computer Science Colloquium Czar	2016 - 2017
	Co-Organizer, Computer Science Prospective Student Visit Day	2016

Outreach

	Mentor, SIGPLAN Mentorship Program	2020 - Present
	Speaker, Lab Coats Not Required, Oberlin College	2026
	Scientist, Skype a Scientist	2020 - 2023, 2025
	Mentor, Programming Languages Mentoring Workshop (PLMW)	2020
	Volunteer, Cornell Math Department Elementary School Outreach	2016 - 2019
	Fellow, Cornell Graduate Student School Outreach Program	2017
	Presenter, AAUW TechSavvy	2017
	Co-Leader, Expanding Your Horizons (EYH) workshop	2016 - 2018

Memberships

Member, Association for Computing Machinery (ACM)
Member, Swarthmore College Chapter, Phi Beta Kappa
Elected, Swarthmore College Chapter, Sigma Xi