KRISTIN STEPHENS-MARTINEZ

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D224 LSRC, Research Drive Box 90129

Durham, NC 27708-0129

EDUCATION

Doctor of Philosophy, Computer Science (Advisor: Armando Fox)

University of California, Berkeley

Thesis: Serving CS Formative Feedback on Assessments Using Simple and Practical Teacher-Bootstrapped

December 2017

May - Aug 2008

Error Models

Master of Science, Computer Science (Advisor: Vern Paxson)

University of California, Berkeley December 2013

Report: Towards Sound HTTP Request Causation Inference

 $Bachelor\ of\ Science,\ Computer\ Science$

University of Maryland, College Park May 2009

Summa Cum Laude

PROFESSIONAL APPOINTMENTS

Associate Director of Undergraduate Studies (Duke University)

Sept 2021 - Now

Assistant Professor of the Practice (Duke University)

Dec 2017 - Now

Co-Instructor

CS194-25 with Dawn Song (University of California, Berkeley) Fall 2012

Head/Graduate/Undergraduate Teaching Assistant

See Teaching section for details

Graduate Student Researcher

Wrong answers and Hints with Armando Fox May - Aug 2016, Jan - May 2017

(University of California, Berkeley)

KnowMap with Dawn Song (University of California, Berkeley)

May - Dec 2012

Work with Vern Paxson (University of California, Berkeley)

Oil Price Information Services (OPIS), Developer Team (Rockville, MD)

• BGP Parser Jan - Aug 2011

• HTTP Request Causation Jan - May 2012

Hoodnets with Bobby Bhattacharjee (University of Maryland, College Park)

Aug 2009 - May 2010

Undergraduate Student Researcher

FindBugs with Bill Pugh (University of Maryland, College Park)

May - Aug 2006, Jan - May 2007

Software Engineer Intern

Coursera, Quiz Statistics Visualization (Mountain View, CA)

Stanford edX, Instructor Dashboard (Stanford, CA)

Google, Google Doc Team (New York, NY)

Google, Internationalization Team (Mountain View, CA)

Microsoft, Excel Developer Team (Redmond, WA)

May - Aug 2018

May - Aug 2019

May - Aug 2008

HONORS AND AWARDS

University of California, Berkeley

Outstanding Graduate Student Instructor	2012-2013
National Science Foundation Graduate Research Fellowship	2010
University of California, Berkeley Chancellor's Fellowship	2010

University of Maryland, College Park

Outstanding Undergraduate for The College of Computational, Mathematical, and Physical Sciences 2009 CS Teaching Excellence Award for an Undergraduate Teaching Assistant 2009

PUBLICATIONS

Conferences

Anshul Shah, Jonathan Liu, **Kristin Stephens-Martinez**, and Susan H. Rodger. 2021. *The CS1 Reviewer App: Choose Your Own Adventure or Choose for Me!*. In Proceedings of the 26th ACM Conference on Innovation and Technology in Computer Science Education. (pp 331-337) ITiCSE '21. (30.5% acceptance)

Kristin Stephens-Martinez. 2021. A Study of the Relationship Between a CS1 Student's Gender and Performance Versus Gauging Understanding and Study Tactics. In Proceedings of the 52nd ACM Technical Symposium on Computer Science Education. (pp 679-685) SIGCSE '21. (31% acceptance)

Kristin Stephens-Martinez and Armando Fox. 2018. Giving Hints is Complicated: Understanding the Challenges of an Automated Hint System Based on Frequent Wrong Answers. ACM Conference on Innovation and Technology in Computer Science Education. (pp. 45-50) ITiCSE '18.

Kristin Stephens-Martinez, An Ju, Krishna Parashar, Regina Ongowarsito, Nikunj Jain, Sreesha Venkat, Armando Fox. 2017. *Taking Advantage of Scale by Analyzing Frequent Constructed-Response, Code Tracing Wrong Answers.* ACM International Computing Education Research. (pp. 56-64) ICER '17.

Kristin Stephens-Martinez, Marti A. Hearst, and Armando Fox. 2014. Monitoring MOOCs: Which information sources do instructors value?. ACM Learning At Scale. (pp. 79-88) ACM L@S '14.

Posters

Kristin Stephens-Martinez, An Ju, Colin Schoen, John DeNero, Armando Fox. 2016. *Identifying Student Misunderstandings using Constructed Responses*. Extended Abstract at ACM Learning At Scale. (pp. 153-156) L@S '16.

Kristin Stephens, Shaddi Hasan, and Yahel Ben-David. 2012. MultiWAN: WAN Aggregation for Developing Regions. ACM Symposium on Computing for Development. DEV '12.

Brian Cole, Dan Hakim, Dave Hovemeyer, Reuven Lazarus, William Pugh, and **Kristin Stephens**. 2006. *Improving your software using static analysis to find bugs*. In Companion to the 21st ACM SIGPLAN Symposium on Object-Oriented Programming Systems, Languages, and Applications. OOPSLA '06.

Articles

Kristin Stephens-Martinez. 2021. The CS-Ed Podcast Season 2. ACM SIGCSE Bulletin, Vol. 53, No. 1, page 6, January 2021.

Kristin Stephens-Martinez. 2020. The CS-Ed Podcast. ACM SIGCSE Bulletin, Vol. 52, No. 1, page 12, January 2020.

Panels

Kristin Stephens-Martinez, Manuel A. Pérez-Quiñones, Nicki Washington, and Leigh Ann DeLyser. 2021. Where Should We Go From Here? Eliminating Inequities In CS Education, Featuring Guests From

The CS-Ed Podcast. SIGCSE Technical Symposium on Computer Science Education. In press. SIGCSE '21. (56% acceptance)

Birds of a Feathers

Kevin Lin, Brian Railing, and **Kristin Stephens-Martinez**. 2021. How can we make office hours better?. SIGCSE Technical Symposium on Computer Science Education. In press. SIGCSE '21. (88% acceptance)

Kristin Stephens-Martinez and Brian Railing. 2019. How can we make office hours better? SIGCSE Technical Symposium on Computer Science Education. Feb 28, 2019. SIGCSE '19.

Artifacts

Kristin Stephens-Martinez. 2021. The CS-Ed Podcast. Season 2. Duke University. A podcast where I talk about teaching computer science with computer science educators. Theme: "Where should we go from here?" 6 episode series of 30-45 minute episodes. 884 listens across 6 episodes as of 10/1/21 from Spotify, Stitcher, Apple Podcasts, and Google Podcasts. https://sites.duke.edu/csedpodcast/

Kristin Stephens-Martinez. 2019-2020. The CS-Ed Podcast. Season 1. Duke University. A podcast where I talk about teaching computer science with computer science educators. 6 episode series of 30-45 minute episodes. 2 released in 2019 and 4 released in 2020. 1,849 listens as of 10/1/21 from Spotify, Stitcher, Apple Podcasts, and Google Podcasts. https://sites.duke.edu/csedpodcast/

Kristin Stephens-Martinez. 2018. Learning Innovation Blog: "Planning a Course Calendar". https://learninginnovation.duke.edu/blog/2018/08/planning-a-course-calendar/

Blog

https://ksm-cs.blogspot.com/ https://ksm-csed.medium.com/

Year Posted	# Posts	Total Views*	Topics
2019	8	1,941	Conference reflection, grant writing reflection, how I stay
			organized, and teaching
2020	8	1,632	My webinar "How to Create and Use Formative Assess-
			ments at Scale", conference reflection, how I organize the
			teaching staff of my 200+ student class, getting organized
2021	6	267	Semester theme, conference reflections, teaching tech-
2021	· ·	201	niques, ITiCSE paper

^{*} For all posts from that year for all time.

GRANTS

REU Supplement to "CUE: Collaborative Research: Effective Peer Teaching Across Computing Pathways," #1934965, National Science Foundation: Improving Undergraduate STEM Education: Computing in Undergraduate Education (IUSE: CUE), \$5,000, Summer 2021.

REU Supplement to "CUE: Collaborative Research: Effective Peer Teaching Across Computing Pathways," #1934965, National Science Foundation: Improving Undergraduate STEM Education: Computing in Undergraduate Education (IUSE: CUE), \$10,000, Summer 2020.

"III: Small:HNRQ: Helping Novices Learn and Debug Relational Queries," #2008107, National Science Foundation: IIS, \$500,000, October 2020 - September 2023 (with Jun Yang and Sudeepa Roy).

"CUE: Collaborative Research: Effective Peer Teaching Across Computing Pathways," #1934965, National Science Foundation: Improving Undergraduate STEM Education: Computing in Undergraduate Education (IUSE: CUE), \$300,000, January 2020 - June 2022 (with Sarah Heckman, Lina Battestilli, Anna Howard, Kristy Boyer, Maya Israel, Ketan Mayer-Patel, David Gotz, and Karen Murphy). **Stephens-Martinez part \$76,055**.

"The CS-Ed Podcast," SIGCSE Special Projects Grants, \$5,000, Year of 2019. (acceptance rate 15%)

TEACHING

Duke	Univer	rsitu
\boldsymbol{D} and	Children	July

Date		Number	Title	Enrolled	TAs/UTAs
2021	Fall	Compsci 216	Foundations of Data Science	38	1/2
2021	Fall	Compsci 216	Everything Data	198	2/9
2021	Spring	Compsci 201	Data Structures and Algorithms	276	2/31
		(Co-taught with	Brandon Fain)		
2021	Spring	Compsci 216	Everything Data	217	2/9
		(Co-taught with	Brandon Fain)		
2020	Spring	Compsci 249	Compsci Ed Research	10	0
		(Co-taught with	Susan Rodger)		
2020	Spring	Compsci 101	Introduction to Computer Science	170	2/20
2019	Fall	Compsci 249	Compsci Ed Research	10	0
		(Co-taught with	Susan Rodger and Robert Duvall)		
2019	Fall	Compsci 116	Foundations of Data Science	32	1/3
2019	Fall	Compsci 101	Introduction to Computer Science	254	2/30
2019	Spring	Compsci 101 Sec1	Introduction to Computer Science	130	2/28
	Spring	Compsci $101 \text{ Sec} 2$	Introduction to Computer Science	94	-
2018	Fall	Compsci 101 Sec1	Introduction to Computer Science	182	2/34
	Fall	Compsci $101 \text{ Sec} 2$	Introduction to Computer Science	109	-
2018	Spring	Compsci $101 \text{ Sec} 2$	Introduction to Computer Science	104	2/29
		(Co-taught with	Owen Astrachan (Sec 1))		

Notes:

Fall 2020: Parental leave

University of California, Berkeley (Co-Instructor)

Date		Number	Title	Enrolled	\mathbf{UTAs}
2012	Fall	CS194-25	Special Topics: Build Your Next Gen Education Technology	13	0
		(Co-tau	ght with Dawn Song)		

University of California, Berkeley (Graduate Teaching Assistant)

Date		Number	Title
2016	Fall	CS169	Software Engineering (Armando Fox, Head Grad TA of 5 Undergrad TAs)
	Spring	CS61A	The Structure and Interpretation of Computer Programs (Paul Hilfinger)
2015	Fall	CS61A	The Structure and Interpretation of Computer Programs (John DeNero)
2011	Fall	EE122	Introduction to Communication Networks (Scott Shenker)

University of Maryland, College Park (Graduate Teaching Assistant)

Date Number	${f er}$ Title	\mathbf{e}

2009 Fall CMSC198K The Science Behind Computing (Bobby Bhattacharjee & Samir Khuller)

University of Maryland, College Park (Undergraduate Teaching Assistant)

Date		Number	Title
2008	Spring	CMSC131	Object Oriented Programming I (Jan Plane)
2007	Fall	CMSC106	Intro to C Programming (Jan Plane)

Course and Curriculum Development

Robert Duvall, Susan Rodger, and Kristin Stephens-Martinez (alphabetical order). Curriculum for Undergraduate Teaching Assistant Training, 2019. Compsci 249. Duke University.

Ji Yeon Kim, Yesenia Velasco, and Kristin Stephens-Martinez. Auto-grader Unittests for Compsci101 Assignments. 2018. Compsci101. Duke University.

Kristin Stephens-Martinez. Curriculum for "Build Your Next Gen Education Technology. 2012. CS194-25. University of California, Berkeley.

STUDENTS

Duke University

Master's

• Ji Yeon Kim - "Student Paths in CS1: Case Studies of Initial Poor Performers" Aug 2018 - May 2019

	Bachelor's Jonathan Liu, "CS101 Reviewer App"	Fall 2020, Spring 2021
Under	rarad	
	Bianca Saputra, "CS101 Reviewer App" (Independent Study)	Fall 2021
	Brian Janger, "CS101 Reviewer App" (CS+ Program)	Summer 2021
	Manith Luthria, "CS101 Reviewer App" (CS+ Program)	Summer 2021
	Belle Xu, "CS101 Reviewer App" (CS+ Program)	Summer 2021
	Sona Suryadevara	5 dillillo1 2 021
	• "CS101 Reviewer App" (Independent Study)	Fall 2021
	• "CS101 Reviewer App" (CS+ Program)	Summer 2021
6	Eric Young	
0.	• Duke Innovation & Entrepreneurship Certificate Program	Summer 2021
	"WWPD: What Will Python Do?" (CS+ Program)	Summer 2021 Summer 2020
7	Andrew Elcock, "CS101 Reviewer App" (Independent Study)	Spring 2021
		Fall 2020, Spring 2021
	Benjamin Stewart, "WWPD: What Will Python Do?" (CS+ Program)	Summer 2020
	Frank Tang, "WWPD: What Will Python Do?" (CS+ Program)	Summer 2020
	Jaylyn Barbee, "Breadcrumbs: Analyzing Classroom Data" (CS+ Program)	Summer 2019
	Lucian Li, "Breadcrumbs: Analyzing Classroom Data" (CS+ Program)	Summer 2019
	Man-Lin Hsiao, "Breadcrumbs: Analyzing Classroom Data" (CS+ Frogram)	Summer 2018
	Liam Pulsifer, "Breadcrumbs: Analyzing Classroom Data"	Summer 2018
14.	Diam i disher, Dicaderdinos. Analyzing Classroom Dava	Summer 2016
PhD,	Preliminary Exam Committee Member	
•	Zhengjie Miao (advisor: Sudeepa Roy)	Spring 2020
PhD.	Research Initial Project Committee Member	
	Yihao Hu (advisor: Jun Yang)	Spring 2021
	Zhengjie Miao (advisor: Sudeepa Roy)	Spring 2018
		1 0

Master's Committee Member

• Tiangang Chen (advisor: Jun Yang)	Spring 2020
• Yuxi Yang (advisor: Mary Cummings)	Fall 2019

University of California, Berkeley (All Undergrad)

- 1. Anwar Baroudi, "Do students like and remember hints?" Spring 2018 2. Maia Rosengarten, "Do students like and remember hints?" Spring 2018 Fall 2016 - Summer 20173. Nikunj Jain
 - "Quantitative Analysis of Code-Tracing Wrong Answers"
 - "Delivering Hints to Students Based on Wrong Answers"

4. Sreesha Venkat Fall 2016, Spring 2017

 $2016,\,2017$

2013, 2014

• "Qualitative Analysis of Code-Tracing Wrong Answers"	
• "Delivering Hints to Students Based on Wrong Answers"	
5. Regina Ongowarsito	Summer 2016 - Spring 2017
• "Qualitative Analysis of Code-Tracing Wrong Answers"	
• "Delivering Hints to Students Based on Wrong Answers"	
6. Krishna Parashar	Summer 2016 - Spring 2017
 "Qualitative Analysis of Code-Tracing Wrong Answers" 	
• "Delivering Hints to Students Based on Wrong Answers"	
7. Steven Chi, "Predicting Struggling Students from Student Answers"	Spring 2016, Summer 2016
8. Spenser Chiang, "OK.py Feature: Hints"	Spring 2016
9. Hayden Sheung, "OK.py Feature: Hints" 10. Kelly Liu, "Qualitative Analysis of Code-Tracing Wrong Answers"	Spring 2016 Spring 2016
11. Hannah Huang, "Qualitative Analysis of Code-Tracing Wrong Answers"	Fall 2015, Spring 2016
12. Michelle Tian, "Qualitative Analysis of Code-Tracing Wrong Answers"	Fall 2015
ACADEMIC SERVICE	
Duke University	
• Computer Science Dept. Space Committee	July 2020 - Present
• Computer Science Dept. Faculty Search Committee PoP	Aug 2019 - May 2020
• Computer Science Dept. Communications Committee	Dec 2018 - May 2020
• Computer Science Advisor	Aug 2018 - Present
- 2020-2021 year: 29 students	
- 2019-2020 year: 31 students	
- 2018-2019 year: 27 students	
• College Advisor	Aug 2018 - Present
- 2020-2021 year: 7 students	
- 2019-2020 year: 6 students	
- 2018-2019 year: 3 students	
Conference	2022
SIGCSE Technical Symposium Hybrid Experience Chair	2022
SIGCSE Technical Symposium Hybrid Experience Chair SIGCSE Technical Symposium Reviewer	2019,2020,2021,2022
SIGCSE Technical Symposium Hybrid Experience Chair SIGCSE Technical Symposium Reviewer ICER Code of Conduct Facilitator	$2019,\ 2020,\ 2021,\ 2022\\2021$
SIGCSE Technical Symposium Hybrid Experience Chair SIGCSE Technical Symposium Reviewer	2019,2020,2021,2022
SIGCSE Technical Symposium Hybrid Experience Chair SIGCSE Technical Symposium Reviewer ICER Code of Conduct Facilitator ICER Reviewer	2019, 2020, 2021, 2022 2021 2021
SIGCSE Technical Symposium Hybrid Experience Chair SIGCSE Technical Symposium Reviewer ICER Code of Conduct Facilitator ICER Reviewer Learning@Scale Reviewer Mentoring	2019, 2020, 2021, 2022 2021 2021 2017, 2020
SIGCSE Technical Symposium Hybrid Experience Chair SIGCSE Technical Symposium Reviewer ICER Code of Conduct Facilitator ICER Reviewer Learning@Scale Reviewer	2019, 2020, 2021, 2022 2021 2021
SIGCSE Technical Symposium Hybrid Experience Chair SIGCSE Technical Symposium Reviewer ICER Code of Conduct Facilitator ICER Reviewer Learning@Scale Reviewer Mentoring CRA-WP Table Mentor for Teaching Track Faculty Workshop	2019, 2020, 2021, 2022 2021 2021 2017, 2020
SIGCSE Technical Symposium Hybrid Experience Chair SIGCSE Technical Symposium Reviewer ICER Code of Conduct Facilitator ICER Reviewer Learning@Scale Reviewer Mentoring	2019, 2020, 2021, 2022 2021 2021 2017, 2020 March 2021
SIGCSE Technical Symposium Hybrid Experience Chair SIGCSE Technical Symposium Reviewer ICER Code of Conduct Facilitator ICER Reviewer Learning@Scale Reviewer Mentoring CRA-WP Table Mentor for Teaching Track Faculty Workshop Grant Proposal Reviewer	2019, 2020, 2021, 2022 2021 2021 2017, 2020
SIGCSE Technical Symposium Hybrid Experience Chair SIGCSE Technical Symposium Reviewer ICER Code of Conduct Facilitator ICER Reviewer Learning@Scale Reviewer Mentoring CRA-WP Table Mentor for Teaching Track Faculty Workshop Grant Proposal Reviewer National Science Foundation Panelist for CISE University of California, Berkeley	2019, 2020, 2021, 2022 2021 2021 2017, 2020 March 2021
SIGCSE Technical Symposium Hybrid Experience Chair SIGCSE Technical Symposium Reviewer ICER Code of Conduct Facilitator ICER Reviewer Learning@Scale Reviewer Mentoring CRA-WP Table Mentor for Teaching Track Faculty Workshop Grant Proposal Reviewer National Science Foundation Panelist for CISE University of California, Berkeley • EECS Peers	2019, 2020, 2021, 2022 2021 2021 2017, 2020 March 2021 2018, 2021
SIGCSE Technical Symposium Hybrid Experience Chair SIGCSE Technical Symposium Reviewer ICER Code of Conduct Facilitator ICER Reviewer Learning@Scale Reviewer Mentoring CRA-WP Table Mentor for Teaching Track Faculty Workshop Grant Proposal Reviewer National Science Foundation Panelist for CISE University of California, Berkeley • EECS Peers — Member	2019, 2020, 2021, 2022 2021 2021 2017, 2020 March 2021 2018, 2021 Aug 2015 - May 2017
SIGCSE Technical Symposium Hybrid Experience Chair SIGCSE Technical Symposium Reviewer ICER Code of Conduct Facilitator ICER Reviewer Learning@Scale Reviewer Mentoring CRA-WP Table Mentor for Teaching Track Faculty Workshop Grant Proposal Reviewer National Science Foundation Panelist for CISE University of California, Berkeley • EECS Peers — Member — CS-Coordinator and Founder	2019, 2020, 2021, 2022 2021 2021 2017, 2020 March 2021 2018, 2021 Aug 2015 - May 2017 Aug 2013 - May 2015
SIGCSE Technical Symposium Hybrid Experience Chair SIGCSE Technical Symposium Reviewer ICER Code of Conduct Facilitator ICER Reviewer Learning@Scale Reviewer Mentoring CRA-WP Table Mentor for Teaching Track Faculty Workshop Grant Proposal Reviewer National Science Foundation Panelist for CISE University of California, Berkeley • EECS Peers — Member — CS-Coordinator and Founder • Graduate and Undergraduate Mentoring	2019, 2020, 2021, 2022 2021 2021 2017, 2020 March 2021 2018, 2021 Aug 2015 - May 2017
SIGCSE Technical Symposium Hybrid Experience Chair SIGCSE Technical Symposium Reviewer ICER Code of Conduct Facilitator ICER Reviewer Learning@Scale Reviewer Mentoring CRA-WP Table Mentor for Teaching Track Faculty Workshop Grant Proposal Reviewer National Science Foundation Panelist for CISE University of California, Berkeley • EECS Peers — Member — CS-Coordinator and Founder	2019, 2020, 2021, 2022 2021 2021 2017, 2020 March 2021 2018, 2021 Aug 2015 - May 2017 Aug 2013 - May 2015

 \bullet Women In Computer Science and Electrical engineering (WICSE), Co-President Aug 2012 - May 2013

• Admissions Committee, Education Area Reader

• Admissions Committee, Diversity Reader

University of Maryland, College Park

• Association for Women in Computing (AWC)

- Co-Chair

- Treasurer

• CS Ambassador

• PRIME Scholar

Aug 2008 - May 2009 Aug 2007 - May 2008

Aug 2008 - May 2009

Aug 2006 - Dec 2007

TALKS

• "A Scaled Class is a Rich Class: How to approach large class data sets to drive class improvements," CS Colloquium Series, Northwestern McCormick School of Engineering, Online, May 26, 2021.

- "A Study of the Relationship Between a CS1 Student's Gender and Performance Versus Gauging Understanding and Study Tactics," ACM Technical Symposium on Computer Science Education (SIGCSE), Online, Mar 18, 2021.
- "Learning at Scale with Kristin Stephens-Martinez," #CSK8 Podcast with Jared O'Leary, Internet, Sept 28, 2020, https://jaredoleary.com/csk8feed/51
- "How to Create and Use Formative Assessments at Scale," Codio Webinar, Internet, Jul 14, 2020. https://www.codio.com/webinar-how-to-create-and-use-formative-assessments-at-scale
- "Insights from Having Students Predict their Exam Grades," Behavioral Research Informing Teaching Excellence (BRITE), Duke University, Durham, NC, Mar 4, 2020.
- "It's a Marathon, Not a Sprint: Balancing Work and Life in Grad School and Beyond," with James Mickens by CRA-WP, Grace Hopper Celebration, Orlando, FL, Oct 2, 2019.
- "Giving Hints is Complicated: Understanding the Challenges of an Automated Hint System Based on Frequent Wrong Answers," Project Search Pre-Orientation undergraduate program, Duke University, Durham, NC, Aug 7, 2019.
- "How Can Data from Large Classrooms Improve Learning?," Behavioral Research Informing Teaching Excellence (BRITE), Duke University, Durham, NC, Dec 4, 2018.
- "Teaching as a Career," Compsci 701: Introduction to Graduate Study, Duke University, Durham, NC, Nov 9, 2018.
- "Giving Hints is Complicated: Understanding the Challenges of an Automated Hint System Based on Frequent Wrong Answers," Project Search Pre-Orientation undergraduate program, Duke University, Durham, NC, Aug 13, 2018.
- "Giving Hints is Complicated: Understanding the Challenges of an Automated Hint System Based on Frequent Wrong Answers," ACM Conference on Innovation and Technology in Computer Science Education (ITiCSE), Larnaca, Cyprus, Jul 2, 2018.
- "Taking Advantage of Scale by Analyzing Frequent Constructed-Response, Code Tracing Wrong Answers," ACM International Computing Education Research (ICER), Tacoma, WA, USA, Aug 18, 2017.
- "Monitoring MOOCs: Which information sources do instructors value?" ACM Learning At Scale (L@S), Atlanta, GA, USA, Mar 4, 2014.

PANELS

- "CS Instruction Post-Quarantine," Emerging Trends in Computer Science, Online, June 28, 2021.
- "David M. Rubenstein Scholars Spotlight Series," Duke University, July 3, 2019.

ADDITIONAL BROADENING PARTICIPATION IN COMPUTING

• Undergraduate Teaching Assistant (UTA) Diversity Initiative

Fall 2020

• Computer Science Education Research Reading Group

Summer 2020

• Mentor female Ph.D. student from University of Florida

2020

• Events Attended

- Tapia

- Grace Hopper

 $2009,\,2012,\,2018,\,2019,\,2020$

- Duke CS Discussion Panel on "Picture a Scientist" Movie

November 2020

• Faculty Lunches (flunch) with students

- 2018: 8

-2019:7

- 2020: 4 (Covid-19, parental leave)

MEMBERSHIPS

Special Interest Group on Computer Science Education (SIGCSE) Association for Computing Machinery (ACM)

2018 - Present

2008 - Present