

JANE MARGOLIS, Ed.D.
Senior Researcher
University of California, Los Angeles

Professional Preparation

University of California at Berkeley	Social Science Field Major	BA	1969
Harvard University Extension	Psychology	MA	1985
Harvard Graduate School of Education	Education		Ed.D. 1990

Appointments

UCLA	Senior Researcher		1999-present
Carnegie Mellon	Visiting Research Scholar		1995-1999
University of Pittsburgh	Adjunct Assist. Professor		1995-1998
Harvard University Extension	Lecturer		1991-1993
Harvard Graduate School of Education	Instructor		1991-1992

Honors

- UCLA Optimist Awardee 2017--<https://optimism.ucla.edu/profiles/jane-margolis/>
- 2016 White House Champion of Change for Broadening Participation in Computer Science. <https://obamawhitehouse.archives.gov/blog/2016/02/01/helping-america-code-day-computer-science-champions-change>
- SIGCSE 2013 Keynote Speaker: "Unlocking the Clubhouse: A Decade Later and Now What?"
- 2008 PROSE Award for *Stuck in the Shallow End: Education, Race, and Computing* (MIT, 2008, 2017)
- 2005 Computing Research Association Haberman Award in recognition of contribution toward broadening participation in computing

Recent PI Grants and Awards

- NSF SCALE-CA NSF 2018-22.
Supporting Computing Access, Leadership, and Equity in California.
- NSF REAL-CS 2017-22
- Collaborative Research: ET-ECS: Electronic Textiles for Exploring Computer Science with High School Students and Teachers to Promote Computational Thinking and Participation for All. 2015-2018.

Books Published and To Be Published

- Ryoo, J. and Margolis, J. (2022 to be published). *Power Up! A Graphic Novel about Digital Empowerment*. Cambridge, Ma.: MIT Press.
- Margolis, J. et. al (2017, 2008). Updated Edition. *Stuck in the Shallow End: Education, Race, and Computing*. Cambridge, MA: MIT Press.
- Margolis, J. and Fisher, A. (2002). *Unlocking the Clubhouse: Women in Computing*. Cambridge, MA: MIT

Book Chapters

- Goode, J., Flapan, J., & Margolis, J. (2018). Computer Science for All: A School Reform Framework for Broadening Participation in Computing. In W. G. Tierney, Z. B. Corwin, & A. Ochsner (Eds.), *Diversifying Digital Learning: Online Literacy and Educational Opportunity* (pp. 45-65). Baltimore, MD: Johns Hopkins University Press.
- Margolis, J., Goode, J., and Flapan, J. (Dec. 2016). "A Critical Crossroads for Computer Science for All: "Identifying Talent" or Building Talent," and What Difference does it Make?" In Rankin, Y. and Thomas, J. (eds). *Moving Students of Color from Consumers of Technology to Producers of Technology*. IGI Global Publishers. P. 1-21.
- Goode, J., Flapan, J., & Margolis, J. (2018). "Computer science for all: A school reform framework for broadening participation in computer science." In Tierney, W, Corwin, Z., & Ochsner, A. (Eds). *Diversifying Digital Learning: Online Literacy and Educational Opportunity*. Baltimore, MA: John Hopkins Press.

Recent Articles Published

- Jean Ryoo, Tiera Tanksley, Cynthia Estrada, and Jane Margolis. 2020. Take space, make space: How students use computer science to disrupt and resist marginalization in schools. *Computer Science Education*. Vol 30. DOI: 10.1080/08993408.2020.1805284
- Jean Ryoo, Alicia Morris, Jane Margolis (2021, In review). What happens to the raspado man in a cash-free society?: Teaching and Learning Socially Responsible Computing. Accepted for publication by *Transactions in Computing Education*, Special Issue.
- Ryoo, J.J., Estrada, C., Tanksley, T., & Margolis, J. (2019). [Connecting Computer Science Education to Students' Passions: A Critical Step Toward Supporting Equity in CS Education](#). REAL-CS White Paper
- Margolis, J., Ryoo, J., & Goode, J. (2017). Seeing myself through someone else's eyes: The value of in-classroom coaching for computer science teaching and learning. *Transactions on Computing Education*, 17(2), 1-18. [Read the article](#).
- Margolis, J. and Goode, J. (2016). Ten Lessons for CS for All. In *ACM Inroads* magazine, Special Issue on Broadening Participation in Computing. Dec. 2016, Vol. 7, No. 4. [Read the article](#).
- Jean Ryoo, Joanna Goode & Jane Margolis (2016): It takes a village: supporting inquiry- and equity-oriented computer science pedagogy through a professional learning

community, *Computer Science Education*, DOI: 10.1080/08993408.2015.1130952
Read the article.

- Margolis, Goode, Chapman (2015). An Equity Lens for Scaling: A Critical Juncture for Exploring Computer Science. *ACM Inroads*. Sept. 2015, Vol. 6, No. 3. Pp. 58-66.
- Margolis, J., Goode, J., Ryoo, J. (2014). Democratizing Computer Science Knowledge. In *Educational Leadership*, STEM For All Issue. December 2014/January 2015 | Volume 72 | Number 4. p. 48-53.

Op Eds and Commentaries Published

- Flapan, J. and Margolis, J. Stop Scapegoating and Start Educating. *Education Week*, Jan. 24, 2017.
- Margolis, J. and Suarez-Orozco, M. Handing Out iPads to Students is not Enough. *LA Times*. Jan 19, 2014
- Margolis, J. and Kafai, Y. (October 14, 2014). Why the “coding for all” movement is more than a boutique reform. *The Washington Post*, Valerie Strauss column.
<https://www.washingtonpost.com/news/answer-sheet/wp/2014/10/17/why-the-coding-for-all-movement-is-more-than-a-boutique-reform/>

Media and National Recognition

- 2019 Losing Lena: film documentary interview about women in tech
<https://www.losinglena.com/the-film>
- *NY Times Magazine* (Feb. 13, 2019). Clive Thompson. Article: “The Secret History of Women in Coding.”
- NPR--All Tech Considered—August 10, 2017
“Colleges have Increased Women Computer Science Majors: What can Google Learn?”
<http://www.npr.org/sections/alltechconsidered/2017/08/10/542638758/colleges-have-increased-women-computer-science-majors-what-can-google-learn>
- *The Guardian*—August 8, 2017
“Why are there so few women in tech? The truth behind the google memo”
<https://www.theguardian.com/lifeandstyle/2017/aug/08/why-are-there-so-few-women-in-tech-the-truth-behind-the-google-memo>
- White House blog. “Computer Science for All.” Jan. 30, 2016.
<https://obamawhitehouse.archives.gov/blog/2016/01/30/computer-science-all>

- *Scientific American. Special Issue on Education.* August 2016 “ The Coding Revolution.”
<https://www.nature.com/scientificamerican/journal/v315/n2/pdf/scientificamerican0816-42.pdf>

- *NY Times*—“Apple Offers Free App to Teach Children Coding (iPads Sold Separately)”---Sept. 12, 2016

- **History Channel---“Coding Used to be a Womens’ Job”**

<http://www.history.com/news/coding-used-to-be-a-womans-job-so-it-was-paid-less-and-undervalued>

Organizational Involvement and Partnerships

- UCLA GSEIS Center X
- Kapor Center: Leveling the Playing Field in Tech --Dr. Allison Scott
- National Science Foundation Broadening Participation in Computing
- Computer Science Teachers Association (CSTA)
- Los Angeles Unified School District Instructional Technology Division
- American Institutes for Research (AIR)
- University of Pennsylvania, Dr. Yasmin Kafai
- University of Oregon , Dr. Joanna Goode
- Computer Science for California (CSforCA)
- Computer Science for All (CSforAll)
- Computer Science for Mississippi (CS4MS)
- National Center for Women in Technology (NCWIT)

