Colleen M. Lewis

University of Illinois at Urbana-Champaign
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she/her

Academic Appointments

Associate Professor of Computer Science, University of Illinois at Urbana-Champaign – 2021-present
Teaching Faculty at the Race and Equity Center, USC Rossier School of Education – 2018-present
Assistant Professor of Computer Science, University of Illinois at Urbana-Champaign – 2020-2021
McGregor-Girand Associate Professor of Computer Science, Harvey Mudd College – 2018-2020
Assistant Professor of Computer Science, Harvey Mudd College – 2012-2018

Education

University of California, Berkeley, Ph.D. in Science and Mathematics Education – 2012
University of California, Berkeley, M.S. in Computer Science – 2009
University of California, Berkeley, B.S. in Electrical Engineering and Computer Science – 2005

Awards/Honors

Outstanding Faculty Member, Harvey Mudd College – 2020
Best Paper Award in the Research Track at SIGCSE – 2020
Inaugural McGregor-Girand Endowed Chair – 2018
Denice Denton Emerging Leader Award from AnitaB.org – 2016
Mentoring Award from the National Center for Women in Information Technology (NCWIT) – 2015
Best Paper Award at the International Computing Education Research (ICER) Conference – 2012

Online Educational Products

Learning About Intersectionality: Videos That Spark Conversations. National Center for Women & Information Technology. Created by Lewis, C. M., Quinn, B.A., Ojha, V., Hovey, C. L. (2023) www.ncwit.org/intersectionality-videos.
CSTeachingTips.org (1,000 searchable tips from over 150 CS teachers; 8,000 Twitter followers) Funded by NSF #1339404, 1821136, 2144249
Programming in Scratch EdX course www.edx.org (Over 60,000 students enrolled)
YouTube programming tutorials www.youtube.com/user/ColleenMLewis (Over 2.4 million views)

Appearances in Documentaries about Women in Computer Science

Hello World: The Film. (2020).
    Directed by Shawn Wildermuth. helloworldfilm.com
CODE: Debugging the Gender Gap. (April 2015).
    Directed by Robin Hauser Reynolds. www.codedoc.co

Funding

NSF – PI ($670,000; #2144249) – 2022-2027

 CAREER: Physical Representations of Programming Concepts

NSF – Co-PI ($300,000; #2137647) – 2022-2024

 BPC Education Hub: Resources and Research to Support Inclusive Mentoring and Teaching

NSF – PI ($168,670; #2144249) – 2021-2023

 EAGER: SaTC-EDU: AI-Enhanced Cybersecurity: Workforce Needs and Barriers to Learning

Google – PI ($125,000) – 2020-2021

 Equitable Expansion of High School CS: Trends and Trade-offs Between and Within States

NSF – Co-PI ($1,876,922; #1821136) – 2018-2023

 Developing Evidence-based Best Practices for Broadening Participation in Computing Education

Microsoft Corporation – PI (Unsolicited gift; Amount confidential) – 2017-present

 Support for CSTeachingTips.org from Microsoft Learning

Kapor Center for Social Impact – PI ($10,000) – 2017-2020

 SMASH Participants' Perceptions of CS, Computer Scientists, and their Classroom

Harvey Mudd College Entrepreneurial Network – PI ($190,000) – 2014-2020

 Computer Science Summer Start-up

NSF – PI ($771,095; #1339404) – 2013-2017

 Import PCK: What 10K Teachers Can Learn from Teachers with 10K Hours of Experience

Journal Articles

Bruno, P. & Lewis, C. M. (2022). Computer Science Trends and Trade-offs in California High Schools. Educational Administration Quarterly. https://doi.org/10.1177/0013161X211054801

Bruno, P., & Lewis, C. M. (2021). Equity in High School Computer Science: Beyond Access. Policy Futures in Education.

Shah, N. & Lewis, C. M. (2019). Amplifying and Attenuating Inequity in Collaborative Learning: Toward an Analytical Framework. *Cognition and Instruction. 37*(4), 423-452.

Lewis, C. M. (2017). Twelve tips for creating a culture that supports all students in computing. *ACM Inroads*, *8*(4), 17-20.

Lewis, C. M. (2011). Is pair programming more effective than other forms of collaboration for young students? *Computer Science Education. 21(2).* 105-134.

Crutchfield, O. S., Harrison, C. D., Haas, G., Garcia, D. D., Humphreys, S. M., Lewis, C. M., & Khooshabeh, P. (2011). Berkeley Foundation for Opportunities in Information Technology (BFOIT): A Decade of Broadening Participation. *Transactions on Computing Education.11(3)*. Article 15. 1-24.

Titterton, N., Lewis, C. M., & Clancy, M. (2010). Experiences with lab-centric instruction. *Computer Science Education (Ed. Y. Ben-David Kolikant*) *20(2),* 79-102.

Handbook Chapters

Lewis, C. M. (2019). A Case Study of Qualitative Methods. In S. Fincher & A. Robins, *The Cambridge Handbook of Computing Education Research*. Cambridge University Press.

Lewis, C. M., Clancy, M., & Vahrenhold, J. (2019). Student knowledge and misconceptions. In S. Fincher & A. Robins, *The Cambridge Handbook of Computing Education Research*. Cambridge University Press.

Lewis, C. M., Shah, N., & Falkner, K. (2019). Equity and diversity. In S. Fincher & A. Robins, *The Cambridge Handbook of Computing Education Research*. Cambridge University Press.

Book Chapters

Lewis, C. M. (2017). Good (and bad) reasons to teach all students computer science. In S. B. Fee, A. M. Holland-Minkley, & T. E. Lombardi, *New Directions for Computing Education: Embedding Computing Across Disciplines*. New York: Springer.

Peer-Reviewed, Archived, Conference Publications

Isenegger, K., George, K. L., Bruno, P., & Lewis, C. M. (2023, March). Goal-Congruity Theory Predicts Students' Sense of Belonging in Computing Across Racial/Ethnic Groups. *ACM SIGCSE Proceedings*. 54(1).

Ojha, V., Perdriau, C., Lagesse, B., & Lewis, C. M. (2023). Computing Specializations: Perceptions of AI and Cybersecurity Among CS Students. *ACM SIGCSE Proceedings*. 54(1).

Isenegger, K., Birhane, Y., Ojha, V., Coxe, C., and Lewis, C. M. (2021). Understanding and Expanding College Students' Perceptions of Computing's Societal Impact. RESPECT Conference.

Lewis, C. M. (2021). Physical Java Memory Models: A Notional Machine. *ACM SIGCSE Proceedings*. 52(1).

Lane, A., Mekonnen, R., Jang, C., Chen, P., & Lewis, C. M. (2021). Motivating Literature and Evaluation of the Teaching Practices Game: Preparing Teaching Assistants to Promote Inclusivity. *ACM SIGCSE Proceedings*. 52(1).

Fincher, S., Jeuring, J., Miller, C.S., Donaldson, P., du Boulay, B., Hauswirth, M., Hellas, A., Hermans, F., Lewis, C., Mühling, A., Pearce, J.L., & Peterson, A. (2020). Notional Machines in Computing Education: The Education of Attention. In Proceedings of the Working Group Reports on Innovation and Technology in Computer Science Education (pp. 21-50).

Nguyen, A. & Lewis, C. M. (2020). Competitive Enrollment Policies in Computing Departments Negatively Predict First-Year Students' Sense of Belonging, Self-Efficacy, and Perception of Department. *ACM SIGCSE Proceedings*. 51(1). *Best Paper Award in the Research Track*.

Lim, K. & Lewis, C. M. (2020). Metrics of Success for High School CSforAll Initiatives: Demographic Patterns from 2003 to 2018 on Advanced Placement Computer Science Exams. *ACM SIGCSE Proceedings*. 51(1).

Peer-Reviewed, Archived, Conference Publications (continued)

Lewis, C. M., Bruno, P., Raygoza, J., & Wang, J. (2019). Alignment of Goals and Perceptions of Computing Predicts Students' Sense of Belonging in Computing. *International Computing Education Research (ICER) Conference.* 11-19.

Leake, M. & Lewis, C. M. (2017) Recommendations for Designing CS Resource Sharing Sites for All Teachers. *ACM SIGCSE Proceedings. 48(1)*, 357-362.

Lewis, C. M., Anderson, R. E., & Yasuhara, K. (2016). "I don't code all day": Fitting in computer science when the stereotypes don't fit. *International Computing Education Research (ICER) Conference.* 23-32.

Lewis, C. M. & Shah, N. (2015). How Equity and Inequity Can Emerge in Pair Programming. *International Computing Education Research (ICER) Conference.* 41-50.

Lewis, C. M. (2014). Exploring variation in students' correct traces of linear recursion. *International Computing Education Research (ICER) Conference. p.* 67-74.

Shah, N., Lewis, C. M., & Caires, R. (2014) Analyzing Equity in Collaborative Learning Situations: A Comparative Case Study in Elementary Computer Science. *International Conferences of the Learning Sciences (ICLS). 495-502. Nominated for best paper.*

Lewis, C. M., Bhattacharyya, V., Dominguez, N., Esper, S., Fa-Kaji, N., & Schlesinger, A. (2014). Children's perception of what counts as a programming language. *The Journal of Computing Sciences in Colleges. 29(4),* 123-133.

Parker, M., & Lewis, C. M. (2014). What makes Big-O analysis difficult: Understanding how students understand runtime analysis. *The Journal of Computing Sciences in Colleges. 29(4)*, 164-174.

Lewis, C. M., Khayrallah, H., & Tsai, A. (2013). Mining data from the AP CS A exam: patterns, non-patterns, and replication failure. *International Computing Education Research (ICER) Conference.* 115-122.

Shah, N., Lewis, C. M., Caires, R., Khan, N., Qureshi, A., Ehsanipour, D., & Gupta, N. (2013). Building Equitable Computer Science Classrooms: Elements of a Teaching Approach. *ACM SIGCSE Proceedings. 44(1). 263-268.*

Lewis, C. M. (2012). The Importance of Students' Attention to Program State: A Case Study of Debugging Behavior. *International Computing Education Research (ICER) Conference.* 127-134. *Best paper award.*

Lewis, C. M., Titterton, N., & Clancy, M. (2012) Using Collaboration to Overcome Disparities in Java Experience. *International Computing Education Research (ICER) Conference.* 79-86.

Lewis, C. M. & Shah, N. (2012). Building Upon and Enriching Grade Four Mathematics Standards with Programming Curriculum. *ACM SIGCSE Proceedings. 43(1).* 57-62.

Lam, A. J., Lewis, C. M., Lu, C., Ornstein, I. B., & Wang, D. (2012). Classifying problems to explain patterns of correlation on the 1988 Advanced Placement Computer Science exam. *The Journal of Computing Sciences in Colleges.*

Lewis, C. M., Yasuhara, K., & Anderson, R. E. (2011). Deciding to Major in Computer Science: A Grounded Theory of Students' Self-Assessment of Ability. *International Computing Education Research (ICER) Conference.* 3-10.

Lewis, C. M., Titterton, N., & Clancy, M. (2011). Developing students' self-assessment skills using lab-centric instruction. *The Journal of Computing Sciences in Colleges*. 26(4). 173-180.

Lewis, C. M. (2010). How programming environment shapes perception, learning and goals: Logo vs. Scratch, *ACM SIGCSE Proceedings. 41(1)*, 346-350.

External Service

College Board – AP Computer Science Principles (AP CSP) standard setting panel (2021)
Recommended cut scores for the AP CSP assessment to the AP Program.

BPCnet.org – Consultant and Advisory Board Member (2018 – present)
Developed guides and templates for NSF PIs writing BPC plans and departments writing departmental BPC plans (BPCnet.org/BPC-Plans/). Co-hosted four webinars and four workshops to help NSF PIs and computing departments develop BPC plans. Developed a comprehensive synthesis of BPC research and BPC programs to guide individuals in the selection of BPC activities (BPCnet.org/resources-one-page/).

Access Computing, University of Washington – Organizational Partner (2018 – present)
Participated in activities to advocate for the inclusion of people with disabilities within CS.

International Computing Education Research (ICER) – Program Committee (2013 – present)
2013-2017 Program Committee (Reviewer), 2018-2020 Senior Program Committee (Meta-reviewer), and 2017, 2019, and 2020 Doctoral Consortium discussant.

CSTeachingTips.org – Dissemination of Information about BPC (2013 – present)
Led 41 workshops, 16 panels, 12 webinars, and 50 invited talks focused on broadening participation in computing. Developed *Microaggressions: The Game*, a scenario-based game to help people learn to recognize and respond to bias (www.csteachingtips.org/cards).

ACM Retention Subcommittee – Member (2017 – 2019)
Co-authored a report and publication to help understand retention issues in post-secondary CS.

ICER Works in Progress Workshop – Founder (2014 – 2018)
A yearly workshop with feedback groups to improve the quality of CS education research.

Consortium of Computing Sciences in Colleges, Southwest – Conference Chair (2015, 2018)
Hosted the annual conference with 40 attendees in 2015 and 2018.

Consortium of Computing Sciences in Colleges, Southwest – Region Chair (2014 – 2018)
Elected chair for the Southwest Region.

Consortium of Computing Sciences in Colleges – National Board Member (2011 – 2014)
Elected representative from the Southwest Region to the National Board.

CS-KickStart, University of California, Berkeley – Co-founder (2011)
Co-founded a one-week workshop for incoming female-identified first-year Berkeley students to help build their interest and confidence in pursuing a CS major. The program has continued and expanded to the University of Michigan (cs-kickstart.berkeley.edu).

Invited Talks

Lewis, C. M. (2023, February 15). Learn How to Facilitate CS Concepts. STEM Next/AspireIT Webinar 4 - CS Facilitation. Webinar hosted by the National Center for Women and Information Technology.

Lewis, C. M. (2022, November 1). Researching CS Education to Drive Equity and Effectiveness. Dalhousie University. Canada. Virtual.

Lewis, C. M. (2022, October 13). What makes learning about conditionals (e.g., if statements) hard? All-California Computer Science Teachers Association (CSTA) Chapter Meeting. Virtual. https://greaterlosangeles.csteachers.org/Events/learning-about-conditionals-with-colleen-lewis

Lewis, C. M. (2022, September 30). Researching CS Education to Drive Equity and Effectiveness. School of Computing Colloquium at DePaul University. Virtual.

Lewis, C. M. (2022, September 28). Fitting in when the stereotypes don't fit. Talk at the Reflections Projections Tech Conference. University of Illinois at Urbana-Champaign.

Lewis, C. M. (2022, September 22). How to Successfully Apply to Graduate School. Presentation at the Grace Hopper Celebration. Orlando, FL.

Lewis, C. M. (2022, April 29). There isn't just one way to be a computer scientist! Northeastern MSCS Consortium Speaker Series. *Virtual*.

Lewis, C. M. (2022, June 15). Strategies for Creating Inclusive Learning Environments. ACM SIGMOD/PODS International Conference on Management of Data. Diversity and Inclusion Keynote. Philadelphia, PA

Lewis, C. M. (2022, March 26). Imposter Syndrome. ACM Capital Region Celebration of Women in Computing (CAPWIC). *Virtual.*

Lewis, C. M. (2021, November 12). Inclusive policies and practices for admission and teaching. Computer Science Diversity Committee Webinars. Simon Fraser University. *Virtual.*

Lewis, C. M. (2021, November 8). Researching CS Education to Drive Equity and Effectiveness. Keller Colloquium in Computing and Mathematical Sciences at Caltech. California Institute of Technology. *Virtual.*

Lewis, C. M. (2021, September 29). Researching CS Education to Drive Equity and Effectiveness. Computer Science Education Seminar. University of California, Davis.

Lewis, C. M. (2021, September 14). Inclusive Teaching for Busy Faculty. Department of Computer Science faculty retreat. University of California, Riverside.

Lewis, C. M. (2021, April 27). The Prevalence and Relevance of Computer Science Education Research. Brazilian Symposium on Computing Education. *Virtual*.

Lewis, C. M. (2021, February 26). Inclusive Teaching Practices for Busy Faculty. School of Computing and Information, University of Pittsburgh.

Lewis, C. M. (2021, February 17). Researching CS Education to Drive Equity and Effectiveness. School of Universal Computing, Construction, and Engineering Education (SUCCEED). Florida International University.

Invited Talks (continued)

Lewis, C. M. (2020, September 25). Inclusive Teaching Practices for Busy Faculty. Department of Computer Science, University of Alberta. Alberta, Canada.

Lewis, C. M. (2020, July 10). Creating an Inclusive Campus. Keynote presentation at Stanford University's American Society for Engineering Education (ASEE) chapter's colloquium.

Lewis, C. M. (2020, March 11). Some ABCs of Teaching. Presentation at the New Educators Wednesday Roundtable, NEWR 2020. https://youtu.be/TCzEoQR6iZ4

Lewis, C. M. (2020, March 20). Researching CS Education to Drive Equity and Effectiveness. Keynote presentation at the 13th Consortium for Computing Sciences in Colleges Southwest Region Conference. *(virtual)*

Lewis, C. M. (2019, November 9). Inclusive Teaching for Busy Faculty. ACM Canadian Celebration of Women in Computing (CAN-CWIC). Mississauga, ON, Canada.

Lewis, C. M. (2019, November 8). Researching CS Education to Drive Equity and Effectiveness. University of Toronto. Toronto, ON, Canada.

Lewis, C. M. (2019, October 28). Inclusive Teaching Practices for Busy Faculty. Northern Kentucky University, Highland Heights, KY.

Lewis, C. M. (2019, October 23). Researching CS Education to Drive Equity and Effectiveness. University of California, San Diego. La Jolla, CA.

Lewis, C. M. (2019, October 14) Recognizing and Responding to Bias and Microaggressions. Colby College. Waterville, ME.

Lewis, C. M. (2019, October 7). Diversity in Computing: A training on how to support all students. University of Santa Cruz. Santa Cruz, CA.

Lewis, C. M. (2019, September 16). Inclusive Teaching Practices for Busy Faculty. Department of Engineering Education, University of Buffalo. Buffalo, NY.

Lewis, C. M. (2019, August 19). Interrupting Bias and Creating Institutional Change. Renaissance Computing Institute at UNC (RENCI). Chapel Hill, NC.

Lewis, C. M. (2019, May 3). Innovation and Best Practice in the Teaching and Learning of CS. Keynote presented at the Western Canadian Conference on Computing Education (WCCCE). University of Calgary, Calgary, Canada.

Lewis, C. M. (2019, January 23) Creating an inclusive CS classroom. California Institute of Technology. Pasadena, CA.

Lewis, C. M. (2018, November 14). Mapping CS knowledge: Implications for teaching and learning. UNC Graduate Women in CS Speaker Series. University North Carolina, Chapel Hill. Chapel Hill, NC.

Lewis, C. M. (2018, November 14). How Harvey Mudd College Increased the Percentage of Women Studying CS and How to Create a Department Plan for Broadening Participation. University North Carolina, Chapel Hill. Chapel Hill, NC.

Lewis, C. M. (2018, October 26). Interrupting Bias and Creating Institutional Change. Reframing Tech Speaker Series. University of California Berkeley, Berkeley, CA.

Invited Talks (continued)

Lewis, C. M. (2018, September 8). Yes. That's REAL Computer Science. Keynote at the Creative Coding Fest LA, UCLA, Los Angeles, CA.

Lewis, C. M. (2018, August 10). CS Teaching Tips. NSF-Sponsored New Faculty Workshop. UC San Diego. San Diego, CA.

Lewis, C. M. (2018, August 10). Time management and work-life balance. NSF-Sponsored New Faculty Workshop. UC San Diego. San Diego, CA.

Lewis, C. M. (2018, April 13). Equitable Learning Spaces. Friends Seminary School. NYC, NY.

Lewis, C. M. (2018, March 21). Tips and Strategies for Pursuing Computer Science. Citrus College. Azusa, CA.

Lewis, C. M. (2018, February 21) Some ABCs of Teaching CS. New Educators Workshop – SIGCSE 2018. Baltimore, MD. http://www.cs.williams.edu/~andrea/NEW2018/

Lewis, C. M. (2017, November 8). Fitting in CS when the stereotypes don't fit. Women in Big Data, Spark & AI meetup hosted by Databricks. San Francisco, CA.

Lewis, C. M. (2017, September 13). Discussing Diversity: How to respond to bias when you see it. Databricks. San Francisco, CA.

Lewis, C. M. (2017, August 4). Making CS Welcoming at Harvey Mudd College. Keynote at the Summer App Space. California Institute of Technology. Pasadena, CA.

Lewis, C. M. (2017, May 3). Promoting Equity and Access in CS. WI CS Educators Summit. Green Lake, WI.

Lewis, C. M. (2017, March 17). Creating Inclusive Classrooms and Academic Institutions: Lessons from HMC and UC Berkeley. Worcester Polytechnic Institute. Worcester, MA.

Lewis, C. M. (2017, March 16) Good (and Bad) Reasons to Teach All Students CS. CS Education Course. Worcester Polytechnic Institute. Worcester, MA.

Lewis, C. M. (2016, November 14). Eleven Tips for Creating Inclusive Classrooms: Lessons from Harvey Mudd, UC Berkeley, psychology research, and CSTeachingTips.org. Cal State University, Long Beach. Long Beach, CA.

Lewis, C. M. (2016, October 28) Increasing Diversity in CS: Harvey Mudd College and UC Berkeley. CygnetS workshop. British Computing Society (BCS). London, UK.

Lewis, C. M. (2016, October 18) The stereotypes don't fit. Now what? Rice Univ, Houston, TX.

Lewis, C. M. (2016, October 17) You don't look like a computer scientist. Kalamzoo College. Kalamzoo, MI.

Lewis, C. M. (2016, October 17) Creating inclusive college classrooms: Why and how. Jennifer Mills Lecture Series, Kalamzoo College. Kalamzoo, MI.

Lewis, C. M. (2016, August 25) The K-12 Computer Science Landscape. Computer Science Teachers Association, Inland Empire, Harvey Mudd College, Claremont, CA.

Lewis, C. M. (2016, August 6) Computer Science Teaching Tips from CSTeachingTips.org. Virtual MESA Academy for Science and Mathematics Educators 2016. USC, Los Angeles, CA.

Lewis, C. M. (2016, July 27) Working Together to Broadening Participation in Computer Science. SIGGRAPH Women's Lunch, Anaheim, CA.

Invited Talks (continued)

Lewis, C. M. (2016, June 7) Expanding access to CS: Why and how. WeTeach_CS Summit, Austin, TX. http://www.thetrc.org/cs-summit-2016/

Lewis, C. M. (2016, May 11) Bias and institutional barriers in CS: Tips for identification and mitigation. CS Education Day at Northwestern. Northwestern University, Evanston, IL. https://plt.eecs.northwestern.edu/edu-day/#lewis

Lewis, C. M. (2016, April 28) Experience != Smart. Pasadena City College. Pasadena, CA.

Lewis, C. M. (2016, April 13) Translating Research into Practice. Hosted by CSNYC, New York, NY. https://youtu.be/TUj8pMAp6X4?t=46m10s

Lewis, C. M. (2016, March 2) Some ABCs of Teaching CS. New Educators Workshop – SIGCSE 2016. http://dave-reed.com/NEW/schedule.html

Lewis, C. M. (2015, October 18) Increasing Diversity in CS: Harvey Mudd College and UC Berkeley. Smith College. Northampton, MA.

Lewis, C. M. (2015, July 17) "You don't look like a computer scientist" Summit Keynote at the Qualcomm EmpowHERment Summit.

Lewis, C. M. (2015, June 6). Scratch Meetup w/Prof. Colleen Lewis. Hosted by CSNYC, New York, NY. https://youtu.be/AZW6GdZUJyI

Lewis, C. M. (2015, June 3). CS Teaching Tips – Diversity Tip-A-Thon. Hosted by CSNYC, New York, NY. https://youtu.be/Rk47haG-w8A

Lewis, C. M. (2015, February 19) Increasing Diversity in CS: Harvey Mudd College and UC Berkeley. Loyola Marymount University, Los Angeles, CA.

Lewis, C. M. (2014, March 20). Increasing Diversity in CS: Harvey Mudd College and UC Berkeley. University of North Carolina, Chapel Hill. Chapel Hill, NC.

Lewis, C. M. (2011, May). Improving student-student, student-instructor, and student-grade interactions using lab-centric instruction. UC Santa Barbara. Santa Barbara, CA.

Lewis, C. M. (2010, October) Scratch in middle school: Teaching tips and resources. Computer Science Teachers Association, Golden Gate Chapter. Berkeley, CA.

Lewis, C. M. (2010, October) Interactions between programming environment design and the user's non-programming knowledge. Berkeley Institute of Design, University of California, Berkeley. Berkeley, CA.

Workshops

Arnold, D. C., Camp, T., DuBow, W., Lewis, C. M., Tychonievich, L., Pérez-Quiñones, M. A. (2023, May 31-June 1). 2023 Departmental BPC Plan Workshop. Co-hosted by Computing Research Association and Morehouse College. Atlanta, GA.

Arnold, D., C., Camp, T., DuBow, W. Hall, M., Kennedy, A., Lewis, C. M., Pérez-Quiñones, M., A., Tamer, B., Tychonievich, L. (2023, March 18). Departmental BPC Plans 2 – Finalizing your Plan: Context, Style, Formatting, and Verification on BPCnet.org. Workshop presented at the ACM SIGCSE conference. Toronto, CA.

Arnold, D., C., Camp, T., DuBow, W. Hall, M., Kennedy, A., Lewis, C. M., Pérez-Quiñones, M., A., Tamer, B., Tychonievich, L. (2023, March 17). Departmental BPC Plans 1 – Getting Started: Selecting Goals and Activities for Broadening Participation in Computing. Workshop presented at the ACM SIGCSE conference. Toronto, CA.

Lewis, C. M., Fowler, M., Isenegger, K., Ojha, V., Perdriau, C., Saffar Pérez, M., (2023, March 15) Using Physical Models of Java to Make Abstract Concepts Concrete. Workshop presented at the ACM SIGCSE conference. Toronto, CA.

Lewis, C. M. (2022, November 11). Teaching Java with Physical Memory Models. Workshop hosted at Microsoft in NYC for New York City high school teachers. NYC, NY.

Kuo, A. & Lewis, C. M. (2022, July 14). Using Physical Java Memory Models to Teach AP CS A. Workshop at the Computer Science Teachers Association (CSTA) Annual Conference. Chicago, IL.

Lewis, C. M. (2022, July 11-13). Teaching Java with Physical Memory Models. Workshop hosted at the Discovery Partner Institute for Chicago Public Schools Teachers. Chicago, IL.

Quinn, B., Ojha, V., Lewis, C. M. (2021, April 6). Learning About Intersectionality: Videos That Spark Discussion. Staff Training. National Center for Women and Information Technology (NCWIT).

Lewis, C. M. (2021, February 25). Recognizing and Responding to Microaggressions. Computer Science Department. Union College.

Lewis, C. M. (2020, August 20). Recognizing and Responding to Microaggressions: Training for Workshop Facilitators. Northeastern University.

Lewis, C. M. (2020, August 13). Recognizing and Responding to Microaggressions. Northeastern University.

Lewis, C. M. (2020, August 10). Responding to Microaggressions. Leadership Academy for Diverse Students in Technology and Engineering. University of Massachusetts Amherst.

Lewis, C. M. & McDowell, H. (2020, July 13) Recognizing and Responding to Biased Statements. Workshop presented at the CSTA Conference. Virtual.

Lewis, C. M. (2020, July 13) AP CS A: Physical Models of Java Memory. Workshop presented at the CSTA Conference. Virtual.

Lewis, C. M., McMullen, K., & Yong, D. (2020, May 11) Learning About Intersectionality: Videos That Spark Discussion. NCWIT series Conversations for Change. Virtual. https://youtu.be/GX2suXld8tE

Workshops (continued)

Lewis, C. M., Hall, M., Amato, N., Sanders, S., Camp, T., & Tamer, B. (2020, March 11). Developing Department Plans for Broadening Participation in Computing for NSF Grants. Workshop presented at SIGCSE conference. Virtual. https://youtu.be/vpSv14KHA4o

Lewis, C. M., Ashcraft, C., DuBow, W., Hu, H., & McMullen, K. (2020, March 11). Leading Conversations about Microaggressions, Bias, and Other Difficult Topics. Workshop presented at SIGCSE conference. Virtual.

Lewis, C. M. (2019, October 28). Recognizing and Responding to Bias and Microaggressions. Northern Kentucky University, Highland Heights, KY.

Lewis, C. M., Fernandez, J. & McMullen, K. (2019, September 20). Recognizing and Responding to Bias and Microaggressions. Workshop at the 2019 Richard Tapia Celebration of Diversity in Computing Conference. San Diego, CA, USA.

Lewis, C. M. (2019, June 25). Challenging gendered stereotypes and bias. Workshop at the 2019 National Coalition of Girls' Schools Conference. Westridge School, Los Angeles, CA.

Lewis, C. M. (2019, April 23). Recognizing and Responding to Bias. Workshop presented at Purdue University, Lafayette, IN.

Lewis, C. M. (2019, March 9). What Would You Do if... Addressing Challenges of Inclusive Teaching and Responding to Microaggressions and Bias. Workshop presented at the Association of American Colleges & Universities, Southern California PKAL Regional Network Annual Meeting. Claremont, CA.

Black, J. T., Bobb, K., Browne, A., Conrad, P. T., Lewis, C. M., Swanier, C. A., & Tejada, S. (2019, March 2). Demystifying Language about Students' Varied Identities. *Special Session presented at the SIGCSE Conference*. Minneapolis, MN.

Lewis, C. M. (2019, October 13). Recognizing and Responding to Bias and Microaggressions. Colby College. Waterville, ME.

Lewis, C. M. (2019, October 7). TA Workshop: Inclusive Teaching. University of Santa Cruz. Santa Cruz, CA.

Lewis, C. M., DuBow, W., McMullen, K. (2019, March 1). Leading Conversations about Microaggressions, Bias, and Other Nonsense. *Special Session presented at the SIGCSE Conference*. Minneapolis, MN.

Lewis, C. M., Garcia, D. D., Hu, H., Khan, S., Sridhar, N., Twarek, B., & Uche, C. (2019, March 1). Microteaching: Recursion, Coding Style, Creative Coding, Inheritance and Polymorphism, Loops, and the Internet. *Special Session presented at the SIGCSE Conference*. Minneapolis, MN.

Parker, M., Black, J. T., Hu, H., & Lewis, C. M. (2019, March 1). Exploring our Privilege: Activities and Discussions. *Special Session presented at the SIGCSE Conference*. Minneapolis, MN.

Lewis, C. M. (2018, November 14). Advice for Inclusive Teaching. University North Carolina, Chapel Hill. Chapel Hill, NC.

Workshops (continued)

Lewis, C. M. (2018, November 14). Responding to Microaggressions Workshop. University North Carolina, Chapel Hill. Chapel Hill, NC.

Lewis, C. M., Ashcraft, C., & McMullen, K. (2018, Sept 20). What Would You Say if...: Responding to Microaggressions, Bias, and Other Nonsense. Workshop presented at the Richard Tapia Celebration of Diversity in Computing. Orlando, FL.

Lewis, C. M. & Guzdial, M. (2018, August 15-16). Work in Progress Workshop. Workshop at the *International Computing Education Research Workshop*. Espoo, Finland.

Lewis, C. M. (2018, August 10). Networking and finding mentors. UC San Diego. San Diego, CA.

Lewis, C. M. (2018, August 10). Undergraduate research. UC San Diego. San Diego, CA.

Lewis, C. M. (2018, March 10) Inclusive Pedagogy: Finding the Right Approach for You and Your Context. Workshop presented at the AAC&U's 2018 Southern California PKAL Regional Network Annual Meeting. UCLA. Los Angeles, CA. www.aacu.org/pkal/regional/socal/2018

Lewis, C. M., Rackoff, E., Cao, E., Khan, S., Lee, C., Garcia, S. (2018, Feb 23). Integrating Social Justice Topics into CS1. Workshop presented at the SIGCSE Conference. Baltimore, MD. dl.acm.org/citation.cfm?id=3162363

Lewis, C. M., Ashcraft, C., & McMullen, K. (2018, Feb 22). What Would You Say if...: Responding to Microaggressions, Bias, and Other Nonsense. Special Session presented at the SIGCSE Conference. Baltimore, MD. dl.acm.org/citation.cfm?id=3159634

Lewis, C. M. & Fincher, S. (2017, August 20-21). Work in Progress Workshop. Workshop at the *International Computing Education Research Workshop*. Tacoma, WA.

Lewis, C. M. (2017, July 24). Latest Research and Trends in Promoting Gender Equity in Computer Science Undergraduate Education. Women in Technology and Entrepreneurship in New York (WiTNY) 2017 Summer Faculty Workshop.

Lewis, C. M. (2017, May 23). How Instructors Can Improve Inclusiveness in Classrooms and Programs. NCWIT Summit. Tucson, AZ.

Lewis, C. M. (2017, May 3). Addressing Common Student Misconceptions in Scratch. WI CS Educators Summit. Green Lake, WI.

Lewis, C. M. (2017, May 3). Tips for Increasing Student Engagement in Computer Science. WI CS Educators Summit. Green Lake, WI.

Lewis, C. M. (2017, April 7). Supporting and Sustaining Equitable Teaching. Breaking the Boundaries in STEM Education Research. Loyola Marymount University. Los Angeles, CA.

Lewis, C. M. (2016, September 24) Misconceptions in Scratch. Claremont Graduate University, Claremont, CA.

Lewis, C. M. & Fincher, S. (2016, September 11-12). Work in Progress Workshop. Workshop at the *International Computing Education Research Workshop*. Melbourne, Australia.

Lewis, C. M. (2016, June 8) Workshop: Student presentations in Scratch: Making slideshows and animations. WeTeach_CS Summit, Austin, TX. http://www.thetrc.org/cs-summit-2016/

Lewis, C. M. (2016, June 8) Workshop: Why does Scratch do that?: Common challenges for teachers and students. WeTeach_CS Summit, Austin, TX.

Workshops (continued)

Lewis, C. M. (2015, August 13-14). Work in Progress Workshop. Workshop at the *International Computing Education Research Workshop*. Oklahoma, NE.

Lewis, C. M. (2014, August 13-14). Work in Progress Workshop. Workshop at the *International Computing Education Research Workshop*. Glasgow, Scotland.

Shah, N., & Lewis, C. M. (2013, March) Workshop: Structuring Programming Labs to Support an Equitable Classroom Environment. Workshop at CCSC-Southwest. San Marcos, CA.

Clancy, M. J., Titterton, N., Carle, A., Lewis, C. M., & Garcia, D. D. (2010). Get your hands dirty with lab-centric instruction. Workshop at the SIGCSE Conference. Milwaukee, WI.

Garcia, D. D., Harvey, B., Segars, A., Lewis, C. M., & Paley, J. (2010). The Beauty and Joy of Computing. Workshop presented at the SIGCSE Conference. Milwaukee, WI.

Panels

Bashir, D., K., Camarera, M., Garcia, L., & Lewis, C. M. (2023, April 11). Teacher Takeaways from SIGCSE 2023 Tech Symposium. Webinar hosted by the Computer Science Teachers Association (CSTA) Professional Learning Series. *Virtual*.

Lewis, C. M., Bassem, C., Grant, J., Hermans, F., Kuo, A., Lopez, A., Trushkowsky, B. (2023, March 17). Microteaching: Ad-Hoc Networks, Binary Heaps, Variables in Hedy, Loops, Lists, and Data Storage. Panel presented at the SIGCSE Conference. Toronoto, CA.

Lewis, C. M. & Rodger, S. (2022, September 22). Effective Teaching Tactics: In-person, Hybrid, Virtual - Wow! Presentation at the Grace Hopper Celebration. Orlando, FL.

Lewis, C. M. & Shah, K., (2022, April 22). Teaching Your First Course. Panel presented at the Computing Research Association, Widening Participation in Computing Grad Cohort session. New Orleans.

Da Silva, Dilma & Lewis, C. M. (2022, April 22). PhD Academic Career Paths, Job Search, and Job Interviews. Panel presented at the Computing Research Association, Widening Participation in Computing Grad Cohort session. New Orleans.

Kennedy, A., Lewis, C. M., Pérez-Quiñones, M. A., Rogers, M., Tamer, B., and Tychonievich, L. (2022, March 5). How and Why to Create a Departmental BPC Plan. Panel at the SIGCSE Conference. Providence, RI.

Garcia, D., Jordan, K., Lewis, C. M., & Mayer-Patel, K. (2022, March 4) Innovative Approaches to Managing Scale. Panel at the SIGCSE Conference. Providence, RI.

McGill, M., Baskin, J., Berry, M., Burke, Q., Delyser, L., Grover, S., Lewis, C. M., Morrison, B. & Pruitt-Mentle, D. (2022, March 3). K-12 Computing Education and Education Research Resources. Panel at the SIGCSE Conference. Providence, RI.

Twarek, B., Lewis, C. M., Joseph, A., Freeman, C., Lash, T., & Saffar Perez, M. (2022, March 3). Tricky Situations: How Would you Respond to Different Biased Situations? Panel at the SIGCSE Conference. Providence, RI.

Panels (continued)

Lewis, C. M., Heggen, S., & Njolima, C. (2021, October 21). How To Best Prepare Teaching Assistants (TA) To Foster Inclusivity in Computer Science Classrooms. Meeting of the Minds. Webinar Series by the National Center for Women and Information Technology (NCWIT) Academic Alliance. https://ncwit.org/program/meeting-of-the-minds/

Lewis, C. M., Cleetus, A., Lambert, N., Naviasky, E., & Vigil, C. (2021, September 15). Supporting Student Mental Health: How to Connect Students with Resources and Overcome Stigmas. Panel presented at the Richard Tapia Celebration of Diversity in Computing.

Tamer, B., Kennedy, A., Lewis, C. M., Metoyer, R., Tychonievich, L., & Rogers, M. . (2021, September 15). The NSF's BPC Initiative: Resources and Opportunities to Contribute. Panel presented at the Richard Tapia Celebration of Diversity in Computing.

Lewis, C. M., Cleetus, A., Lambert, N., Naviasky, E., & Vigil, C. (2021, September 15). Supporting Student Mental Health: How to Connect Students with Resources and Overcome Stigmas. Panel presented at the Richard Tapia Celebration of Diversity in Computing.

Lewis, C. M., Capers, K., Bethea, W., & Bartholet, R. (2021, March 26) Becoming Champions for Diversity: Learning from our Mistakes and Continually Learning. Johns Hopkins University Applied Physics Laboratory.

Quinn, B., Lewis, C. M., Achenbach, G., Lee, C., McMullen, K., & Ojha, V. (2021, March 19) Terms to Know and Videos to Help: Gender-identity, Sex, Sexual Orientation, Pronouns, Race, Intersectionality, Privilege, & Bias. Panel at the SIGCSE Conference. *Virtual.*

Kölling, M., Lewis, C. M., Porter, L., & Hovey, C. L. (2021, March 19). Lessons Learned in Propagation. Panel at the SIGCSE Conference. *Virtual.*

Lewis, C. M., Fisler, K., Hinz, J., Malan, D. J., Paley, J. E., Pérez-Quiñones, M. A., & Singh, S. (2021, March 18) Microteaching: Semantics, Definition of a Computer, Running Times, Fractal Trees, Classes as Encapsulation, and P vs NP. Panel at the SIGCSE Conference. *Virtual.*

Lewis, C. M., Glebova, O., Kamil, A., Kussmaul, C., Morrison, B. B., & Siek, K. A. (2021, March 16). Showcase of NCWIT Academic Alliance Members: Promising Practices Regarding Admission, Curriculum, Pedagogy, TA Selection, and Undergraduate Research. Panel at the SIGCSE Conference. *Virtual.*

Lewis, C. M., Camp, T., Horton, T. B., Reed, D., & Tamer, B. (2021, March 15). How Student Surveys Drive Change: Using the Data Buddies Department Report from the Computing Research Association. Panel at the SIGCSE Conference. *Virtual.*

Barr, V., Brodley, C., & Lewis, C. M. (2021, March 5) How Universities are Creating New Pathways to Diversify Tech. 2021 NSF RESET Conference: Re-Enter STEM through Emerging Technology.

Li, A., Ko, A., Guzdial, M., and Lewis, C. M. (2021, February 17). How to Make CS Education More Inclusive. Tech for Social Good. University of Michigan.

McGill, M., Baskin, J., DeLyser, L. A., Burke, Q., Lewis, C. M., Morrison, B., Grover, S., & McGill, M. (2021, January 12). Work Smarter Not Harder Using Resources for K-12 Computing Education and Education Research. RPPforCS webinar hosted by CSforAll.org.

Panels (continued)

Scott, A., Bruno, P., Vakil, S., DeLyser, L., & Lewis, C. M. (2020, Sept 25). What does equitable and effective K-12 CS education look like? Challenges, Opportunities, and New Directions. Illinois Statewide K-12 CS Education Summit. https://www.ilcsedsummit.org/agenda.html#research

Lewis, C. M., Goode, J., Scott, A., Shah, N., & Vakil, S. (2020, March 12). Researching Race in Computer Science Education: Demystifying Key Vocabulary and Methods. Panel at the SIGCSE Conference. *Virtual* (pp. 171-172). https://youtu.be/5AgKRUVvKKE

Lewis, C. M., Bell, T., Blikstein, P., Carter, A. S., Falkner, K., Fincher, S. A., ... & Horn, M. S. (2020, March 12). The Cambridge Handbook of Computing Education Research Summarized in 75 minutes. In Proceedings of the 51st ACM Technical Symposium on Computer Science Education (pp. 323-324). https://youtu.be/vcMFNTge2yQ

Camp, T., Lewis, C. M., Richardson, D. J., & Zweben, S. (2019, October 4). Understanding Retention Trends for Underrepresented Groups in United States CS Programs. Panel at the 2019 Grace Hopper Celebration. Orlando, FL.

Danyluk, A., Barr, V., Brodley, C., & Lewis, C. M. (2019, October 3). How Universities are Creating New Pathways to Diversify Tech. Panel at the 2019 Grace Hopper Celebration. Orlando, FL.

Lewis, C. M., Strom, A., Wellons, J., & Aaronson, L. (2019, June 26). Panel Discussion: STEM. Panel at the 2019 National Coalition of Girls' Schools Conference. Westridge School, Los Angeles, CA.

Klawe, M., Ellerbe, I., Lewis, C. M., Narayanan, S., & Sax, L. J., (2019, April 30). Priming Diversity in the STEM Talent Pipeline. Diversity Innovation Forum, hosted by the Alliance for SoCal Innovation. Los Angeles, CA.

Cook, K., Glassberg Sands, E., Judkins, M., Kirschner, A., Lewis, C. M., & Spitz, J. (2019, April 8). How Do Women Regain Momentum in CS and Why It's Critically Important. *Panel presented at the ASU GSV Summit 2019*. San Diego, CA.

Smith, M., Hosford, G., Lewis, C. M., Simon, E., & Bobb, K. (2019, April 8). Coding and CS Fluency -- Is It "For All" and What's the Best Way to Teach It? *Panel presented at the ASU GSV Summit 2019*. San Diego, CA.

Guzdial, M., Lewis, C. M., Margulieux, L., Nelson, G. L., & Porter, L. (2019, February 28). Negotiating Varied Research Goals in Computing Education Research. *Panel presented at the SIGCSE Conference*. Minneapolis, MN.

Camp, T., DuBow, W., Levitt, D., Sax, L. J., Taylor, V., & Lewis, C. M. (2019, February 28). The new NSF requirement for Broadening Participation in Computing (BPC) plans: Community advice and resources. *Panel presented at the SIGCSE Conference*. Minneapolis, MN.

Kafai, Y., DeLiema, D., Fields, D., Lewis, C. M., & Lewandowski, G. (2019, February 28). Rethinking Debugging as Productive Failure for CS Education. *Panel presented at the SIGCSE Conference*. Minneapolis, MN.

Fincher, S., Lewis, C. M., Korhonen, A. (2018, August 13). Theory in CS education. International Computing Education Research Workshop. Aalto University. Espoo, Finland.

Panels (continued)

Lewis, C. M., Brown, Q., & Kafai, Y. (2018, May 24) Why Teach CS? Why Teach Making? Plenary Keynote Panel presented at the InfoSys Foundation Crossroads Summit. Santa Cruz, CA.

Lewis, C. M., Paley, J., Sridhar, N., & Rosato, J., (2018, May 23) Preparing Students for Post-Secondary CS. Panel at the InfoSys Foundation Crossroads Summit. Santa Cruz, CA.

Mitchell, K., Behr, K., Bradshaw, S., Horvath, L., & Lewis, C. M. (2018, Mar 8). One Billion Rising Women's Day Panel and Screening of The Hunting Ground. University of Southern California. Los Angeles, CA.

Lewis, C. M., Aaronson, L., Allatta, E., Dodds, Z., Forbes, J., McMullen, K., & Sahami, M. (2018, Feb 21). Five Slides About: Abstraction, Arrays, Uncomputability, Networks, Digital Portfolios, and the CS Principles Explore Performance Task. Special Session presented at the SIGCSE Conference. Baltimore, MD. dl.acm.org/citation.cfm?id=3159645

Nourbakhsh, I., Lewis, C. M., Blikstein, P., & Ordonez, P. (2017, May 24). Experiential Learning and the Experience of Learning. CrossRoads Summit hosted by Infosys. San Francisco, CA.

Preston, M., Wang, K., Bortleson, C., Lewis, C. M., Eisner, K. (2017, March 8). Panel at CSforAll Consortium Network Reception hosted by Amazon. Seattle, WA.

Aviv, A. Gondree, M., Lewis, C. M., & Mirkovic, J. (2016, December 8) Panel: Security Education. Annual Computer Security Applications Conference (ACSAC) 2016. Burbank, CA.

Lewis, C. M. & Tejada, S. (2016, November 15). Code Documentary Screening and Panel. City National Bank, Los Angeles, CA.

Gircharu-Kemoli, A., Lewis, C. M., Fofang, S., Segalov, M. (2016, October 21). Disseminating effective teaching practices to broaden participation in STEM. Grace Hopper Celebration. Houston, TX.

Bryant, K., Feinberg, D., Chang, A. & Lewis, C. M. (2016, August 18). Screening of Code Documentary and Women in Tech Panel. TurnItIn, Oakland, CA.

Evans, D., Peterson, Z., Lewis, C. M., & Kohno, T. (2016, August 8). Teaching Computer Security: Thoughts from the Field. 25th USENIX Security Symposium, Austin, TX. https://www.usenix.org/conference/usenixsecurity16/technical-sessions/presentation/evans

Taylor, T., Tom, T., Lopez, A., & Lewis, C. M., (2016, April 30) Creating a Middle School Computer Science Course Curriculum Based on CSTA National Standards. Panel at Teaching for Impact: Innovative Practices for Today's Standards. Hosted by UC San Diego.

Hosford, G., Lewis, C. M., Leyzberg, D., & Schor, J. (2016, March 8) Teaching coding is not about creating programmers. SXSWedu 2016. Austin, TX.

Garcia, D. D., Lewis, C. M., Reges, S., & Ensmenger, N. (2016, March 4). Why Don't Some CS0 Students Succeed? How Important Are Background, Experience, Culture, Aptitude, Habits and Attitude? Panel at the SIGCSE Conference. Memphis, TN.

Garcia, D. D., Aaronson, L., Kenner, S., Lewis, C. M., & Rodger, S. (2016, March 3). Technology We Can't Live Without!, revisited. Panel at the SIGCSE Conference. Memphis, TN.

Panels (continued)

Lewis, C. M., Kannabiran, G., Spertus, E., & Goldsmith, J. (2016, October) Strategies for Creating Equitable Classrooms: Advice from Feminist Professors. Panel at the Grace Hopper Celebration of Diversity in Computing. Houston, TX.

Lynch, K., Margolis, J., Lewis, C. M., & Kearns, A. (2015, November 11) Panel discussion of CODE: Debugging the Gender Gap. Panel presented at LA TechWeek, Los Angeles, CA.

Lewis, C. M., Womack, C., Priforce, K., Monterroso, K., Torres, R., & Mernit, S. (2015, September 11) Repairing the STEM Pipeline. Panel at the TechInclusion conference, San Francisco, CA.

Dorn, B., Guzdial, M., Lewis, C. M., & Shapiro, B. (2014, August). Expanding the PhD Cohort in CS Education. Panel at the International Computing Education Research Workshop. Glasgow, UK.

Dahlberg, T. A., Black, J., Joffman, J., Lewis, C. M., & Seals, C. (2013) Leveraging Service Learning to Develop K-12 CS Outreach. Panel presented at the Grace Hopper Celebration of Women in Computing. Minneapolis, MN.

Lewis, C., M., Clancy, M., Lee, C., B., O'Neill, M., Shah, N., & Wiedermann, B. (2013) Panel: Flavors of active learning in computer science classrooms. Panel at the Consortium for Computing Sciences in Colleges: Southwest Region. San Marcos, CA.

Garcia, D. D. Ericson, B., Goode, J., & Lewis, C. M. (2012) Rediscovering the passion, beauty, joy, and awe: making computing fun again, part 5. Special Session at the ACM Special Interest Group in Computer Science Education. Raleigh, NC. 577-578.

Webinars

Lewis, C. M., (2021, May 11) The Computer Science Education Landscape. New York State Association of Independent Schools. Webinar.

Lewis, C. M., (2021, March 24). Scratch Loops to College Level CS. Computer Science Teachers Association (CSTA) Inland Empire. Virtual.

Lewis, C. M., (2021, February 23). CS interest and CS ability are not innate. Webinar for the RPP Accelerating Women's Success and Mastery in CS (AWSM). University of Texas at Austin.

Lewis, C. M. & Forbes, J. (2020, July 17). Resources for Building Your NSF BPC Plan. Webinar presented at the annual BRAID summit.

Forbes, J. & Lewis, C. M. (2020, July 16). Writing a BPC Plan for Your NSF Proposal. Webinar organized in collaboration with BPCnet.org. https://youtu.be/Crgn2paV8Cc

Pearson, Y. E., McMullen, K., Magruder Waisome, J. A., Slaton, A., Lewis, C. M., & Horner-Devine, C. (2020, July 1). Engineering Change with Modern Figures - Episode 2: Allyship in Action. https://youtu.be/3tM-xChcsss

Lewis, C. M. (2019, December 17). Understanding CS Pedagogical Content Knowledge. Webinar for the RPP for CS community of practice. Hosted by CSforAll.org.

Lewis, C. M. (2019, November 25). Insights into Promoting Inclusion in CS Education. Webinar for the Professional Development Service for Teachers. Dublin West Education Centre.

Lewis, C. M. (2019, November 21). Microaggressions: The Game! Webinar for Logikcull.com.

Webinars (continued)

Lewis, C. M. (2019, September 10). CSTeachingTips.org and other resources for K-12 CS education. Webinar for the Northeast Ohio STEM Ecosystem.

Lewis, C. M. (2019, April 26). Teaching Strategy Dos and Don'ts for Increasing Diversity in STEM programs. Webinar for the Inclusion Summit hosted by the National Convergence Technology Center.

Lewis, C. M. (2017, January 10) CSTeachingTips for Assessing Student Learning. Webinar for the CS For All Teachers Community. https://csforallteachers.org/event/webinar-csteachingtips-for-assessing-student-learning

Lewis, C. M. (2017, January 9) The K-12 Computer Science Landscape. Connecticut CSTA. https://youtu.be/ie_cT_YiYz4

Lewis, C. M. (2016, November 16) Preparing for CS Ed Week (Part Two). Webinar for the CS For All Teachers Community. https://csforallteachers.org/event/webinar-preparing-for-cs-ed-week-part-two

Lewis, C. M. (2016, September 28) CSTeachingTips - Revisting Classroom Norms. Webinar for the CS For All Teachers Community. https://csforallteachers.org/event/webinar-csteachingtips-revisiting-classroom-norms

Lewis, C. M. (2015, June 25) Starting from Scratch: Community Webinar. Webinar for the CS For All Teachers Community. https://csforallteachers.org/event/webinar-csteachingtips-revisiting-classroom-norms

Lewis, C. M. (2015, April 6). Pair programming – Success or Epic Disaster. Webinar hosted by the NSF-sponsored site cs10kcommunity.org http://air.adobeconnect.com/p3vd0mgw7l9/

Lewis, C. M. (2015, January 16). Episode #9 Colleen Lewis. Webinar hosted by CS Education Zoo. https://youtu.be/yBe0fqE0XCM