

KATHLEEN J. LEHMAN, PH.D.

Director, National Resource Center for the First-Year Experience and Students in Transition

Affiliated Faculty Member, Department of Leadership, Learning Design, and Inquiry

University of South Carolina

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EDUCATION

Doctor of Philosophy, Higher Education and Organizational Change

University of California, Los Angeles 2017

Masters of Arts, Higher Education and Student Affairs

The Ohio State University 2009

Bachelor of Arts, French

Miami University 2007

ACADEMIC & RESEARCH EXPERIENCE

National Resource Center for the First-Year Experience and Students in Transition, University of South Carolina

Director 2024-Present

The NRC is the trusted expert, internationally recognized leader, and clearinghouse for scholarship, policy, and best practice for all postsecondary student transitions. The NRC provides opportunities for the exchange of practical and scholarly information as well as the discussion of trends and issues in our field through the convening of conferences and online courses; publication of scholarly practice books, research reports, a peer-reviewed journal, guides, and newsletters; and generating, supporting, and disseminating research and scholarship.

As Director: Provide thought leadership and strategic direction for all Center activities. Engage and collaborate with national and international scholars and practitioners to advance the NRC's work. Recruit, supervise, and develop professional and student staff. Lead Center fundraising efforts and grant writing. Develop, oversee, and contribute to the NRC's scholarly agenda, publications, conferences and professional development events. Represent the NRC and provide expertise-based service to the University of South Carolina and the broader higher education community.

Momentum: Accelerating Equity in Computing & Technology

School of Education & Information Studies, University of California Los Angeles

Momentum Associate Director and Assistant Adjunct Professor/Academic Researcher Spring 2024

Momentum Associate Director and Assistant Academic Researcher 2020-2023

Associate Director and Postdoctoral Scholar 2017-2020

Project Manager and Graduate Student Researcher 2014-2017

Momentum is a program of research that employs mixed-methods approaches to conduct cutting-edge research on efforts to diversify computing and technology fields. Much of *Momentum's* work centered on partnering with national efforts, including the Building, Recruiting, and Inclusion for Diversity (BRAID) project and the Center for Inclusive Computing, to conduct nationwide, longitudinal surveys of undergraduate computing students. *Momentum* has been funded by the National Science Foundation, AnitaB.org, the Computing Research Association, Pivotal Ventures, and the Kapor Center.

As Associate Director: managed multi-million dollar budgets, developed short- and long-term project plans, and oversaw the status of various aspects of the overall project. Supervised project scientists, administrative staff, postdoctoral scholars, graduate student researchers, undergraduate student researchers, and high school interns. Supported project fundraising efforts and grant writing. Coordinated research efforts with research sites. Developed and conducted quantitative and qualitative studies. Authored proposals, papers, and reports.

Leveling the Field, ETR.Org

External Evaluator and Advisory Board Member 2019-2022

Served as external evaluator for the NSF-funded research project "Leveling the Field" which investigates a short-term intervention to increase interest in computing among students from diverse backgrounds at a community college (PIs: Drs. Lou Ann Lyon and Colin Schatz). Provided expertise on research methodology as a member of the project advisory board.

vCoder, Portland, Oregon

Research Consultant 2019 to 2021

Assisted with research design development for a research study associated with the use of VR technology in teaching coding to students, with a focus on its use for broadening participation in computing fields.

Trends in Determinants of Gender Segregation across STEM Majors (1976-2011), UCLA (Principal Investigator: Linda J. Sax)

Project Manager 2013-2014

Research Analyst 2012-2013

The Trends study examined two major aspects of STEM participation: first, how the characteristics of men and women enrolling in STEM fields have changed in recent decades, and second, how the salience of these characteristics has changed in predicting men's and women's enrollment in STEM subfields. This project was funded by the National Science Foundation.

As project manager: managed logistical aspects of the project, including coordinating the work of 6 graduate student researchers. Co-authored conference proposals, papers, and reports for NSF. Developed data visualization process to report results.

Educational Message Services, Ventura, California

Research Consultant 2014

Analyzed text-message data to evaluate the effectiveness of a text-based teen counseling service in California. Developed slide deck for research presentation.

FUNDED RESEARCH ACTIVITIES

Lehman, K. J. (P.I.) & Sax, L.J. (Co-P.I.) 2022-2024. *Leveraging Institutional Data Collection and Analysis as an Entry to BPC Work: A Pilot Program to Support Emerging DEI Efforts*. Sponsored by the National Science Foundation (#2215697). Awarded \$300 thousand to pilot a data collection and visualization initiative among computer science departments.

Sax, L. J. (P.I.) & **Lehman, K. J.** (Co-P.I.). 2020-2024. *Experiences that shape undergraduate computing trajectories: An equity-focused longitudinal study at the Center for Inclusive Computing*. Sponsored by the National Science Foundation (#2039800). Awarded \$1.6 million to conduct a longitudinal survey of first- and second- year computing students at 15 research universities.

Sax, L. J. (P.I.) & **Lehman, K. J.** (Co-P.I.). 2019-2023. *Momentum and CRA literature matrix BPCNet.org collaboration*. Sponsored by the Computer Research Association. Awarded \$396 thousand to make the broadening participation literature database publicly available at bpcnet.org and to maintain and update the database on an ongoing basis.

Sax, L. J. (P.I.) & **Lehman, K. J.** (Co-P.I.). 2019-2021. *EAGER: Broadening participation in undergraduate computing literature matrix resource*. Sponsored by the National Science Foundation (#1936735). Awarded \$300 thousand to conduct a systematic literature review and develop a literature matrix resource that summarizes the extant literature on broadening participation in undergraduate computing.

Riggers-Piehl, T.A. (Co-P.I.), **Lehman, K. J.** (Co-P.I.), Sandvall, E. 2017-2018. *The role of college experiences in the development of self-authored worldview commitment for first-year STEM students*. Sponsored by Andrew W. Mellon, Interfaith Youth Core, Dr. Matthew Mayhew (OSU), and Dr. Alyssa Rockenbach (NCSSU). Awarded \$7500 to examine how students within STEM develop a spiritual or worldview commitment and how their experiences within their major may foster or hinder the development of a spiritual commitment.

Lehman, K. J. (P.I.), 2014. *Understanding the role of faculty in the computer science gender gap*. Sponsored by the Graduate School of Education & Information Studies at the University of California Los Angeles. Awarded \$6000 to examine how computer science faculty's teaching and learning practices related to the representation of women in their respective computing departments.

Lehman, K. J. (P.I.), 2013. *Living learning programs and STEM students' academic engagement*. Sponsored by the Graduate Division at the University of California Los Angeles. Awarded \$6000 to examine the role of residential living-learning programs on STEM students' academic engagement.

PUBLICATIONS

To accomplish maximum impact of my research, I strive to publish in venues where my relevant target audience seeks scholarship and where the most dialogue occurs. My target audience has frequently been faculty and administrators in computer science departments who shape the academic experiences and career choices of students pursuing computing fields. Computer scientists are anomalous in their privileging of conference proceedings over journal articles for scholarly publication. They comprise the “only scientific community that considers conference publication as the primary means of publishing our research results” (Vardi, 2009)ⁱ. As such, my publication record reflects this priority as I have published both in traditional journal outlets to reach fellow social scientists and in refereed conference proceedings to disseminate my work to computer scientists.

PEER-REVIEWED PUBLICATIONS

Rodriguez, S., Ramirez, D., **Lehman, K. J.**, & Sax, L. J. (2023). Utilizing Community Cultural Wealth to Explore the Experiences of Latina Undergraduate Students in Computing. *Journal of Women and Minorities in Science and Engineering*. 29(3). doi: 10.1615/JWomenMinorScienEng.2022039365

Lehman, K. J., Karpicz, J. R., Nakajima, T. M., Sax, L. J., & Rozhenkova, V. (2022). “None of This Happens in a Vacuum”: The Impact of External Dynamics on Department Chairs’ Efforts to Broaden Participation in Undergraduate Computing. *Computer Science Education*, 1-23. doi: 10.1080/08993408.2022.2160150

Lehman, K. J., Newhouse, K. N., Sundar, S., & Sax, L. J. (2022). Nevertheless, They Persisted: Factors that Promote Persistence for Women and Racially/Ethnically Minoritized Students in Undergraduate Computing. *Computer Science Education*, 1-26. doi: 10.1080/08993408.2022.2086401

Lehman, K.J., Splett, K. & Sax, L.J. (2020). Global perspectives on the gender gap in computing. *The International Handbook of Gender Equity in Higher Education*. Wiley-Blackwell. Edited by Marcus Weaver-Hightower and Nancy Niemi.

Riggers-Piehl, T. A., **Lehman, K.J.** & Sandvall, E. (2020). The Role of College Experiences in the Development of Self-Authored Worldview Commitment for First-Year STEM Students. *Journal of First-Year Experience & Students in Transition*, 32(2), p. 77-104. Retrieved from: <https://www.ingentaconnect.com/content/fyesit/fyesit/2020/00000032/00000002/art00005>

Sax, L. J., Lim, K., Jacobs, J., **Lehman, K.J.**, & Paulson, L. (2018). Reversal of the gender gap: The biological sciences as a unique case within STEM. *Journal of Women and Minorities in Science and Engineering*, 24(4), 291-324. doi: 10.1615/JWomenMinorScienEng.2018019995

Sax, L. J., Blaney, J. M., **Lehman, K. J.**, Rodriguez, S. L., George, K. L., & Zavala, C. (2018). Sense of belonging in computing: The role of introductory courses for women and underrepresented minority students. *Social Sciences*, 7(8), 1-24. doi: 10.3390/socsci7080122

Rodriguez, S.L. & **Lehman, K.J.** (2018). Developing the next generation of diverse computer scientists: The need for enhanced, intersectional computer science identity theory. *Computer Science Education*, 27(3-4), 229-247. doi: 10.1080/08993408.2018.1457899

Lehman, K.J., Sax, L.J., & Zimmerman, H.B. (2017). Women planning to major in computer science: Who are they and what makes them unique?. *Computer Science Education*, 26(4), 277-298. doi: 10.1080/08993408.2016.1271536

Sax, L. J., **Lehman, K. J.**, Jacobs, J. A., Kanny, M. A., Lim, K., Monje-Paulson, L. & Zimmerman, H. (2017). Anatomy of an enduring gender gap: The evolution of women's participation in computer science. *The Journal of Higher Education*, 88(2), 258-293. doi: 10.1080/00221546.2016.1257306

Sax, L. J., Zimmerman, H. B., Blaney, J. M., Toven-Lindsey, B., & **Lehman, K.J.** (2017). Diversifying computer science departments: How department chairs become change agents for women and underrepresented minority students. *Journal of Women and Minorities in Science and Engineering*, 23(2), 101-119. doi: 10.1615/JWomenMinorScienEng.2017017221

Riggers-Piehl, T. A., & **Lehman, K.J.** (2016). Modeling the relationship between campus spiritual climate and the sense of belonging for Christian, Muslim, and Jewish students. *Religion & Education*, 43(3), 247-270. doi: 10.1080/15507394.2016.1175843

Sax, L. J., **Lehman, K. J.**, Barthelemy, R., & Lim, K. (2016). Women in physics: A comparison to STEM over four decades. *Physical Review Special Topics: Physics Education Research*, 12(2). doi: 10.1103/PhysRevPhysEducRes.12.020108.

PUBLISHED, REFEREED CONFERENCE PROCEEDINGS

Lehman, K.J. & Sundar, S. (2022). Courting the uncommitted: Recruiting undecided women in introductory computing courses to computing majors. In *Research on Equity and Sustained Participation in Engineering, Computing, and Technology (RESPECT)*. Philadelphia, PA: IEEE.

Hovey, C.L., **Lehman, K.J** & Riggers-Piehl, T.A. (2022). Departmental culture and pedagogical choices: Student-centered teaching in introductory computing classes. In *SIGCSE '22: Proceedings of the 53rd ACM Technical Symposium on Computing Science Education*. New York, NY: ACM. doi: [10.1145/3478431.3499380](https://doi.org/10.1145/3478431.3499380)

Lehman, K.J., Karpicz, J.R., Rozhenkova, V., Harris, J. & Nakajima, T.M. (2021). Growing enrollments require us to do more: Perspectives on broadening participation during an undergraduate computing enrollment boom. In *SIGCSE '21: Proceedings of the 52nd ACM Technical Symposium on Computing Science Education*. New York, NY: ACM. doi: [10.1145/3408877.3432370](https://doi.org/10.1145/3408877.3432370)

Lehman, K.J., Wofford, A., Sendowski, M., Newhouse, K., & Sax, L.J. (2020). Better late than never: Exploring students' pathways to computing in later stages of college. In *SIGCSE '20: Proceedings of the 51st ACM Technical Symposium on Computing Science Education*. New York, NY: ACM. doi: [10.1145/3328778.3366814](https://doi.org/10.1145/3328778.3366814)

Hovey, C.L., **Lehman, K.J** & Riggers-Piehl, T.A. (2020). Linking faculty attitudes to pedagogical choices: Student-centered teaching in introductory computing classes. In *SIGCSE '20:*

Proceedings of the 51st ACM Technical Symposium on Computing Science Education. New York, NY: ACM. doi: [10.1145/3328778.3366883](https://doi.org/10.1145/3328778.3366883)

Lehman, K.J. (2019). An untapped recruitment pool: Undecided students in CS1 courses. In *Research on Equity and Sustained Participation in Engineering, Computing, and Technology (RESPECT)*. Minneapolis, MN: IEEE. doi: [10.1109/RESPECT46404.2019.8985882](https://doi.org/10.1109/RESPECT46404.2019.8985882)

Zimmerman, H.B., Toven-Lindsey, B., Sax, L.J., **Lehman, K.J.**, & Blaney, J.M. (2019). Building momentum: How department chairs lead initiatives to broaden participation in computer science. In *Research on Equity and Sustained Participation in Engineering, Computing, and Technology (RESPECT)*. Minneapolis, MN: IEEE. doi: [10.1109/RESPECT46404.2019.8985799](https://doi.org/10.1109/RESPECT46404.2019.8985799)

Sax, L. J., **Lehman, K. J.**, & Zavala, C. (2017). Examining the enrollment growth: Non-CS majors in CS1 courses. In *SIGCSE '17: Proceedings of the 48th ACM Technical Symposium on Computing Science Education*. New York, NY: ACM. doi: [10.1145/3017680.3017781](https://doi.org/10.1145/3017680.3017781)

MANUSCRIPTS IN PREPARATION

Lehman, K.J., Stormes, K., Smith, K. & Lapan, J. (Accepted for Publication). Sealing the Deal: Factors That Promote Computing Interns' Interest in Computing Careers. *SIGCSE '24: Proceedings of the 55th ACM Technical Symposium on Computing Science Education*

Newhouse, K.N.S., **Lehman, K.J.**, Wofford, A.M. & Sendowski, M. (Accepted for Publication). Doing and Defining Interdisciplinarity in Undergraduate Computing. *Transactions on Computing Education (TOCE)*.

Ramirez, D., Rodriguez, S., **Lehman, K.J.**, & Sax, L.J. (Accepted for Publication). "I Started Seeing Myself as a Computing Person": Exploring Latina Women's Computing Identity Development in College. *The Journal Committed to Social Change on Race and Ethnicity*.

Stormes, K. N., Lehman, K. J., Litzer, E., & Barker, L. (forthcoming) History of and Trends in Women's Participation in Academic Computing in Women in *Academia: Engineering and Science*. Springer Nature. Switzerland, AG. Edited by Jenna P. Carpenter.

Lehman, K.J., Stormes, K., Smith, K. & Lapan, J. (Under Review). Playing the Field: Non-Computing Majors' Experiences in Computing Internships

Lehman, K.J., Sunda, S., Kalsi, H. & Rajninger, T. (Under Review). Making the Leap: Recent College Graduates' Early Career Experiences in Computing Fields.

Lehman, K.J., Hovey, C.L., Ojha, V., (In Development). Making the Best of It: Maximizing Student Learning from Course Lectures in Introductory Computing Courses.

OTHER PUBLICATIONS AND SCHOLARLY PRODUCTS

- Lehman, K.J.** & Le, B. (2023) Key Lessons to Inform LEVEL UP From the Momentum Research Team at UCLA. LEVEL UP. Computing Research Association.
- Lehman, K. J.** & Sax, L. J. (2023, June 21). Leveraging Institutional Data Collection and Analysis as an Entry to BPC Work: A Pilot Program to Support Emerging DEI Efforts. 2023 CISE Education Workforce PI & Community Meeting Project Description Booklet. Retrieved from: https://www.canva.com/design/DAFl05TCh_8/ohqaYJKUmi7CK07aecx0wg/view#32
- Sax, L. J. & **Lehman, K. J.** (2023, June 21). Experiences that Shape Undergraduate Computing Trajectories: An Equity-Focused Longitudinal Study at Center for Inclusive Computing (CIC) Institutions. 2023 CISE Education Workforce PI & Community Meeting Project Description Booklet. Retrieved from: https://www.canva.com/design/DAFl05TCh_8/ohqaYJKUmi7CK07aecx0wg/view#99
- Momentum: Accelerating Equity in Computing and Technology. (2022). PI: Linda J. Sax; **Co-PI: Kathleen J. Lehman.** Undergraduate BPC literature database. Retrieved from: <https://bpcnet.org/bpc-literature-database/>
- Newhouse, K. N. S., Karpicz, J., Gutzwa, J. A. **Lehman, K. J.**, Stout, J. G., & Nhien, C. (2021, June). Technical methods report for the Undergraduate BPC Literature Database: Developing a database of contemporary research on broadening participation in computing. Retrieved from: https://docs.bpcnet.org/UndergraduateBPCLiteratureDatabase_TechnicalReport.pdf
- Lehman, K.J.**, Ramirez, D., Rodriguez, S. & Sax, L. J. (2021, June 18). Understanding Latina Students' Trajectories. Center for Gender Equity in Science & Technology. Arizona State University. Retrieved from <https://cgestblog.wixsite.com/cgest/post/latinasincomputing>.
- Sax, L. J. & **Lehman, K.J.** (2021). Expanding the Pipeline: Gaining Momentum through Research on Diversity in Undergraduate Computing. *CRN*, 33(4). Retrieved from <https://cra.org/crn/2021/04/expanding-the-pipeline-gaining-momentum-through-research-on-diversity-in-undergraduate-computing/>.
- Lehman, K.J.** (2017). *Courting the Uncommitted: A Mixed-Methods Study of Undecided Students in Introductory Computer Science Courses*. (Doctoral dissertation). University of California, Los Angeles, Los Angeles, CA. Available at <https://escholarship.org/uc/item/94k326xs>
- Sax, L. J., **Lehman, K. J.**, & Blaney, J. M. (2016). Expanding the pipeline – Building Recruiting and Inclusion for Diversity (BRAID): Emerging research on diversifying the CS major. *CRN*, 28(3). Retrieved from <http://cra.org/crn/2016/03/expanding-the-pipeline-building-recruiting-and-inclusion-for-diversity-braid-emerging-research-on-diversifying-the-cs-major/>
- Lehman, K. J.** (2013). Book review: Toys and Tools in pink: Cultural narratives of gender, science, and technology by Carole Colatrella. *InterActions: UCLA Journal of Education and Information Studies*, 9(2).

Lehman (nee Guiler), K.J. (2007). *Muslim Immigration in France: An Interdisciplinary Exploration*. (Unpublished undergraduate thesis.). Miami University, Oxford, OH. Available at http://rave.ohiolink.edu/etdc/view?acc_num=muhonors1177081424

PRESENTATIONS

REFEREED PRESENTATIONS

Lehman, K.J., Sax, L.J., Burt, B.A., Keup, J.R., Perez-Felkner, L., Rodriguez & S.L., Saenz, V.B. (2023, November). *Taking Care of Business: Developing Skills to Successfully Lead Your Research Team*. Research workshop presented at the annual meeting of the Association for the Study of Higher Education, Minneapolis, MN.

Lehman, K.J., Stormes, K., Smith, K. & Lapan, J. (2023, April). *Playing the Field: Non-Computing Majors' Experiences in Computing Internships*. Roundtable presented at the annual meeting of the American Educational Research Association, Chicago, IL.

Lehman, K.J., Sundar, S., Kalsi, H. & Rajninger, T. (2023, April). *Making the Leap: Recent College Graduates' Early Career Experiences in Computing Fields*. Paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.

Rodriguez, S., Ramirez, D., **Lehman, K.J.** & Sax, L.J. (2021, April). *Utilizing community cultural wealth to explore the experiences of undergraduate Latina students in computing*. Paper presented at the annual meeting of the American Educational Research Association, virtual conference.

Ramirez, D., **Lehman, K.J.**, Rodriguez, S. & Sax, L.J. (2021, April). *A mixed methods study of the experiences of undergraduate Latina students in computing*. Paper presented at the annual meeting of the American Educational Research Association, virtual conference.

Lehman, K.J. & Sundar, S. (2020, April). *Courting the uncommitted: Recruiting undecided women in introductory computing courses to computing majors*. Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA (conference canceled).

Lehman, K.J., Riggers-Piehl, T.A. & Hovey, C.L. (2020, April). *Exploring teaching practices in introductory computer science courses: Student-centered pedagogy in the context of departmental efforts*. Poster presented at the annual meeting of the American Educational Research Association, San Francisco, CA (conference canceled).

Lehman, K.J., Karpicz, J., Nakajima, T. Sax, L.J. & Rozhenkova, V. (2019, November). "*None of this happens in a vacuum*": *The impact of external dynamics on department chairs' efforts to broaden participation in undergraduate computing*. Paper presented at the annual meeting of the Association for the Study of Higher Education, Portland, OR.

Lehman, K.J., Newhouse, K., Sendowski, M. & Wofford, A. (2019, November). *Doing and defining interdisciplinarity in undergraduate computing*. Paper presented at the annual meeting of the Association for the Study of Higher Education, Portland, OR.

Sax, L.J., **Lehman, K.J.**, George, K., Ramirez, D. & Karpicz, J. (2019, September). *Leveraging research to improve the experiences of undergraduate students of color in computing*. Workshop presented at the ACM Tapia Celebration of Diversity in Computing, San Diego, CA.

Lehman, K.J., Riggers-Piehl, T.A., Rodriguez, S., Park, J. Burt, B. Snipes, J.T. (2018, November). *Catching the spirit: A discussion on the role of spirituality and diversity in the experiences of STEM students*. **K.J. Lehman (Chair)**. Symposium conducted at the annual meeting of the Association for the Study of Higher Education, Tampa, FL.

Riggers-Piehl, T. A., **Lehman, K.J.** & Sandvall, E. (2018, September) *The role of college experiences in the development of self-authored worldview commitment for first-year STEM students*. Paper presented at the IDEALS Research Symposium, Atlanta, GA.

Lehman, K.J., Doyle, M., Lyon, L.A. & Thayer, K. (2018, February). Alternative paths to computing careers and their role in broadening participation. **K.J. Lehman (Chair)**. Symposium conducted at SIGCSE '18: The 49th ACM Technical Symposium on Computing Science Education, Baltimore, MD.

Sax, L.J., Blaney, J.M., **Lehman, K.J.**, Rodriguez, S., George, K., Zavala, C. (2017, November). *Sense of belonging in computer science: The role of introductory courses for women and underrepresented minority students*. Paper presented at the annual meeting of the Association for the Study of Higher Education, Houston, TX.

Lehman, K.J. & Riggers-Piehl, T.A. (2017, April). *STEM students' soft skills: Differences in men's and women's views on leadership, politics, and spirituality*. Paper presented at the annual meeting of the American Educational Research Association, San Antonio, TX.

Zimmerman, H., Toven-Lindsey, B., Sax, L. J., **Lehman, K. J.** & Blaney, J. M. (2016, November). *Building momentum: How department chairs lead initiatives to broaden participation in computer science*. Paper presented at the annual meeting of the Association for the Study of Higher Education, Columbus, OH.

Sax, L. J., Lim, K., Jacobs, J., **Lehman, K.J.**, Paulson, L. & MacLennan, A. (2015, November). *Reversal of the gender gap: The biological sciences as a unique case within STEM*. Paper presented at the annual meeting of the Association for the Study of Higher Education, Denver, CO.

Sax, L. J., Zimmerman, H., Blaney, J. M., Toven-Lindsey, B., & **Lehman, K.J.** (2015, November). *Diversifying computer science departments: How department chairs become change agents for women and underrepresented minority students*. Paper presented at the annual meeting of the Association for the Study of Higher Education, Denver, CO.

Lehman, K.J. (2015, May). *Understanding the role of faculty in the computer science gender gap*. Paper presented at the UCLA GSE&IS Research & Inquiry Conference, Los Angeles, CA.

Lehman, K.J. & Sax, L. J. (2015, April). *Who are female CS majors? Identifying their unique characteristics and long-term trends*. Paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.

- Sax, L. J., **Lehman, K. J.**, Jacobs, J. A., Kanny, A., Lim, K., Paulson, L. & Zimmerman, H. (2015, April). *Anatomy of an enduring gender gap: The evolution of women's participation in CS*. Paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- Sax, L. & **Lehman, K.J.** (2013, November). *Navigating information overload: Data visualization as a tool for advancing scholarship*. Feature presidential session presented at the annual meeting of the Association for the Study of Higher Education, St. Louis, MO.
- Lehman, K.J.** (2013, October). *Living learning programs and STEM students' academic engagement*. Presentation at ACUHO-I's Living Learning Programs Conference, Providence, RI.
- Mayo, J. & **Lehman, K.J.** (2013, October). *Back to school: The doctoral experience for LLP professionals*. Presentation at ACUHO-I's Living Learning Programs Conference, Providence, RI.
- Lehman, K.J.** (2011, October). *The shadow side: Managing student conduct in living-learning communities*. Presentation at ACUHO-I's Living Learning Programs Conference, Orlando, FL.
- Lehman, K.J.** & Scales, J. (2010, October). *But what about me? Programmatic strategies for supporting women in the STEM fields*. Presentation at ACUHO-I's Living Learning Programs Conference, Charlotte, NC.
- Tomlinson, B., Schwehofer, A. & **Lehman, K.J.** (2009, October). *Cooperative learning environments at The Ohio State University*. Presentation at ACUHO-I's Living Learning Programs Conference, Columbus, OH.
- Tomlinson, K. & **Lehman, K.J.** (2009, June). *Women's ways of knowing: Empowering women through cooperative housing*. Presentation at NASPA's Women in Student Affairs Conference, Chicago, IL.
- Lehman (nee Guiler), K.J.** (2007, April). *Muslim immigration in France: An interdisciplinary exploration*. Paper presentation at Undergraduate Research Forum, Miami University, Oxford, OH.

INVITED PRESENTATIONS

- Lehman, K.J.** (2023, September). *Leveraging Your Language Skills into a Computing Career*. Center for Career Exploration and Success and Department of Languages, Literature, and Writing, Miami University (virtual).
- DuBow, W. & **Lehman, K.J.** (2023, June). *Data Collective: Challenges in Getting Data from Higher Ed*. Presentation at the 2023 National Science Foundation Computer and Information Science and Engineering (CISE) Education and Workforce (EWF) PI Meeting. National Science Foundation. Atlanta, GA.

- Sax, L.J. & **Lehman, K.J** (2023, June). *NASEM Briefing: Pathways to Doctoral Degrees in Computing*. Presentation for National Academies of Sciences, Engineering, and Medicine Committee on Pathways to Doctoral Degrees in Computing (virtual).
- Sax, L.J. & **Lehman, K.J** (2022, November). *UCLA Momentum Research on Efforts to Broaden Participation in Computing*. Presentation for EdTalks @CEILS. The Center for Education Innovation and Learning in the Sciences, UCLA.
- Sax, L.J., **Lehman, K.J.**, Yeo, H.J., Nhien, C. (2022, May). *Momentum Overview*. Presentation for BPC Community Forum (virtual).
- Lehman, K.J.** (2022, February). *Building Inclusive Classrooms: Lessons Learned from the BRAID Research Project*. Presentation for the School of Computing & Information Systems at the University of Melbourne (virtual).
- Lehman, K.J.** (2021, December). *A Spectacular Failure: Understanding Computer Science's Stubborn Participation Gaps and Leveraging Research to Close Them*. Presentation at the Grace Hopper Celebration of Women in Computing, virtual conference.
- Lehman, K.J.** (2021, September). *Learning from BRAID: Prioritizing Diversity, Equity, and Inclusion Work in Times of Uncertainty*. Invited talk for the University of California, San Francisco School of Medicine Information Technology Grand Rounds (virtual).
- Lehman, K.J.** (2021, May). *Together We Can Do Hard Things: Leveraging Research to Change the Story of Women in Computing*. Invited talk for London Elementary School; London, Ohio (virtual).
- Lehman, K.J.** & Fellow Panelists (2021, March). *Panel: Careers in the Workplace*. Panel presentation at the 2021 Engineers for Professional Inclusion Conference (EPIC) hosted by the Society for Women Engineers at UCLA.
- Sax, L. J. & **Lehman, K.J.** (2021, March). *Landscape of Undergraduate Computing Education: Findings from Research on Diversity Efforts in Undergraduate Computing*. Presentation at 2021 National Science Foundation (NSF) Computer & Information Science & Engineering (CISE) Education & Workforce PI & Community Meeting.
- Sax, L. J. & **Lehman, K.J.** (2020, November). *What Can Be Learned from the Research? Findings from a U.S. Initiative to Broaden Participation in Computing*. Presentation at the United Kingdom's Council of Professors and Heads of Computing to participate in a virtual seminar series titled, "Building the UK Women into Computer Science Experience".
- Sax, L. J. & **Lehman, K.J.** (2020, October). *Gaining Momentum with BRAID Research*. Presentation at the Grace Hopper Celebration of Women in Computing, virtual conference.
- Rodriguez, S., Ramirez, D., **Lehman, K.J.** & Sax, L. J. (2020, August). *A Mixed Methods Study of the Experiences of Undergraduate Latina Students in Computing*. Presentation at the Women of Color in Computing Collaborative virtual conference.

- Sax, L. J., **Lehman, K. J.**, Sundar, S., Stormes, K. (2020, July). *BRAID Research 2020 Summit Update*. Presentation at the 2019 BRAID Summit, Claremont, CA.
- Sax, L. J., **Lehman, K. J.** & George, K.M. (2019, October). *Reflections on Five Years of BRAID Research*. Presentation at the Grace Hopper Celebration of Women in Computing, Orlando, FL.
- Sax, L. J., **Lehman, K.J.**, & George, K.M. (2019, July). *BRAID Research 2019 Summit Update*. Presentation at the 2019 BRAID Summit, Claremont, CA.
- Sax, L. J. & **Lehman, K. J.** (2019, February). *BRAID: A mixed-methods longitudinal study of 15 universities engaged in efforts to diversify undergraduate computing*. NSF Showcase at the annual meeting of the Special Interest Group for Computer Science Education (SIGCSE), Minneapolis, MN.
- Sax, L. J. & **Lehman, K.J.** (2018, October). *BRAID research: Updates on introductory computer science course students from year three of data collection*. Presentation at the Grace Hopper Celebration of Women in Computing, Houston, TX.
- Lehman, K. J.** (2018, July). *Informing practice through research*. Presentation at the Summer 2018 WitNY Faculty Workshop, New York, NY.
- Sax, L. J., **Lehman, K.J.**, and colleagues. (2018, July). *2018 BRAID Research Update*. Presentation at the 2018 BRAID Summit, Claremont, CA.
- Lehman, K.J.**, and colleagues (2017, November). *Scholars who lunch: Conversations with newly minted and early career scholars*. Panel presentation at the annual meeting of the Association for the Study of Higher Education, Houston, TX.
- Sax, L. J., **Lehman, K.J.** & colleagues (2017, July). *2017 BRAID Research Update*. Presentation at the 2017 BRAID Summit, Claremont, CA.
- Lehman, K.J.** (2017, March). *Together we can do hard things: Leveraging research to change the story of women in computing*. Keynote presentation at the University of Oregon TechTogether Conference, Eugene, OR.
- Lehman, K.J.** (2016, November). *BRAID Research: Preliminary Findings to Inform Change Efforts*. Presentation at the University of Maryland Diversity in Computing Summit, Hyattsville, MD.
- Sax, L. J. & **Lehman, K.J.** (2016, October). *BRAID research: New insights on introductory computer science course students*. Presentation at the Grace Hopper Celebration of Women in Computing, Houston, TX.
- Lehman, K.J.** & colleagues (2016, August). *The intersection of media, tech, and academia*. Panel presentation at the UCLA Women in Technology 2016 Conference, Los Angeles, CA.
- Lehman, K.J.** & Blaney, J.M. (2016, July). *BRAID research design: Year 2*. Presented at the BRAID Summit, Snowbird, UT.

- Sax, L.J. & **Lehman, K.J.** (2016, February). *The gender gap in STEM: The unique case of computer science*. Presentation at UCLA CS 201 Seminar, Los Angeles, CA.
- Lehman, K.J.** & Sax, L.J. (2015, July). *BRAID research design*. Presentation at the BRAID Summit, Claremont, CA.
- Sax, L.J. & **Lehman, K.J.** (2015, July). *The gender gap in computer science: Progress and challenges between 1971-2011*. Presentation at the BRAID Summit, Claremont, CA.
- Sax, L.J. & **Lehman, K.J.** (2015, January). *Pursuing graduate school and an academic life: Is it right for me?* Presentation at UCLA Panhellenic Career Night, Los Angeles, CA.
- Sax, L.J. & **Lehman, K.J.** (2014, February). *Navigating information overload: Data visualization as a tool for advancing scholarship*. Presentation for the Graduate School of Education and Information Studies, Los Angeles, CA.
- Lehman, K.J.** (2012, March). *Student affairs professionals as educators: Teaching students through innovative academic programming*. Presentation for the Student Affairs in Higher Education program, Miami University, Oxford, OH.
- Lehman, K.J.** (2009, November). *Welcome to Erutan*. Presentation at the University of North Carolina Charlotte Multicultural Leadership Conference, Charlotte, NC.

TEACHING EXPERIENCE

University of Los Angeles, California

Computer Analysis of Empirical Data in Education: EDUC 221

Assistant Adjunct Professor Spring 2024

Introduction to Research in Student Affairs: EDUC 419

Panelist Spring 2023

Guest Instructor Spring 2018

Directed Field Experience: EDUC 498C (Guest Instructor) Spring 2017

Why Research Matters to Student Affairs Practice: EDUC 412

Guest Instructor Summer 2018, Summer 2019

Teaching Assistant Summer 2016

Research and Evaluation in Higher Education: EDUC 209C (Teaching Assistant) Winter 2014, 2015

University of Missouri-Kansas City

Introduction to Research in Student Affairs: EDUL 5635 (Guest Instructor) Spring 2021

Rutgers University

Introduction to Assessment, Evaluation, and Research (Guest Instructor) Fall 2020

University of North Carolina, Charlotte

Gender in College: UCOL 1200 (Course Instructor) Fall 2011, Fall 2012
Transition to First Year: UCOL 1000 (Course Instructor) Spring 2010, Spring 2011

The Ohio State University

Leadership Seminar for Cooperative Housing Managers (Seminar Instructor) Spring 2009

Miami University

Introduction to Women's Studies: WMS 201 (Teaching Assistant) Spring 2007

STUDENT AFFAIRS PROFESSIONAL EXPERIENCE

Housing and Residence Life, University of North Carolina, Charlotte

Residence Education Coordinator 2009-2012

Managed First Year Learning Communities by developing co-curricular initiatives to support first-year students. Supervised a graduate assistant and 15 student staff members. Administered the residence hall for 500 students, including the development of educational and leadership programming, assessment, budgeting, and other administrative tasks. Adjudicated student conduct cases and served as a resource to students and staff members. Served in an on-call duty rotation for approximately 6,000 students and provided guidance during emergency situations.

Housing and Residence Life, The Ohio State University

Assistant Hall Director 2007-2009

Shared responsibilities with the Hall Director for operation and administration of the complex, including student development initiatives, and advising, hiring, training, and supervision of staff members. Redesigned the Stadium Scholarship Program (SSP), a cooperative housing learning community for undergraduate students, and one of the oldest learning communities in the country.

Fisher College of Business, The Ohio State University

Program Coordinator Spring 2008, 2009

Served as student affairs liaison for approximately 20 French exchange students in the Fisher College of Business. Coordinated social and education programs, responded to student crises, and adjudicated conduct violations.

Student Judicial Affairs, The Ohio State University

Intern 2008

Minority Affairs, The Ohio State University

Intern 2008

Student Activities, Capital University

Summer Orientation Intern 2007

PROFESSIONAL INVOLVEMENT & SERVICE

MEMBERSHIPS

Association for the Study of Higher Education

- 2023, **Discussant and Reviewer**
- 2022, **Co-Chair, Leadership Section of the Programming Committee, Discussant, Reviewer**
- 2020 & 2021, **Dissertation of the Year Committee Member, Discussant, Reviewer**
- 2019, **Reviewer**
- 2018, **Discussant, Session Chair, and Reviewer**
- 2016, **Discussant, Session Chair, and Reviewer**

Association for Computing Machinery's Special Interest Group for Computer Science Education

- 2023, **Program Committee Member (Reviewer)**
- 2021, **Program Committee Member (Reviewer)**
- 2019, **Program Committee Member (Reviewer)**
- 2018, **Program Committee Member (Reviewer)**
- 2017, **Program Committee Member (Reviewer)**

American Educational Research Association

- 2022, **Discussant**
- 2021, **Discussant**
- 2015, **Session Chair**

Association of College and University Housing Officers International

- 2013, **Volunteer Chair**, Living Learning Programs Conference
- 2011-2012, **Conference Chair**, Living Learning Programs Conference
- 2009-2011, **Programming Chair**, Living Learning Programs Conference

National Association of Student Personnel Administrators

- 2008, **Committee Member**, Women in Student Affairs Conference Planning Committee

SERVICE

Editorial Reviewer

- 2018-Present, **Editorial Board Member**, *Journal of First Year Experience & Students in Transition*, University of South Carolina
- 2022, **Grant Reviewer Panelist**, *National Science Foundation CISE Directorate*
- 2016-Present, **Social Science Expert Reviewer**, *EngageCSEdu*, National Center for Women & Information Technology
- 2019, 2021, **Reviewer**, Paul P. Fidler Grant
- 2018-Present, **Reviewer**, *Computers & Education*, Elsevier
- 2018-Present, **Reviewer**, *Journal of Higher Education*, Taylor & Francis
- 2018-Present, **Reviewer**, *Transactions on Computing Education*, ACM
- 2017, **Reviewer**, *Undergraduate Research Fellows Program*, UCLA
- 2017-Present, **Reviewer**, *Journal of Educational Computing Research*, SAGE
- 2016-Present, **Reviewer**, *Journal of Women and Minorities in Science and Engineering*, Begell House

- 2016-Present, **Reviewer**, *Social Psychological and Personality Science*, SAGE
- 2012-2017, **Reviewer**, *Interactions*, UCLA Journal of Education and Information Studies

Advising

- 2022-2023, **Expert Advisor**, AP Research Course, University High School, Los Angeles, California
- 2017-2020, **Faculty Advisor**, Alpha Chi Omega Sorority, Alpha Psi Chapter at University of California, Los Angeles
- 2014-2017, **Intellectual Development Advisor**, Alpha Chi Omega Sorority, Alpha Psi Chapter at the University of California, Los Angeles
- 2012-2017, **Student Mentor**, Division of Higher Education and Organizational Change, Graduate School of Education and Information Studies, University of California, Los Angeles
- 2010-2011, **Advisor**, University of North Carolina at Charlotte Campus Judicial Board

Committee Work

- 2018, **Committee Member**, EngageCSEdu Engagement Excellence Committee, National Center for Women & Information Technology
- 2011-2012, **Graduate Student Representative to the Faculty**, Division of Higher Education and Organizational Change, Graduate School of Education and Information Studies, University of California, Los Angeles
- 2009-2012, **Chair**, University of North Carolina at Charlotte, Housing and Residence Life Staff Training Committee
- 2009-2010, **Co-Chair**, Women in Science and Engineering Summit, Funded by Georgia Institute of Technology
- 2005-2007, **Chair**, Miami University, Honors and Scholars Advisory Board
- 2006-2007, **Committee Member**, Miami University, University Faculty Senate Ad Hoc Committee for the Western College Program

Community Service

Richland Ave. Elementary French Dual Language School, Los Angeles Unified Public School District

- 2023-2024, **French Intern Exchange Program Host Family and Program Coordinator**
- 2022-Present, **Giving Campaign Co-Chair**
- 2022-Present, **Science Fair Advisor/Judge**
- 2020-2023, **Booster Club Co-President**
- 2021, **Staff Appreciation Committee**

Other Service

- 2012-2014, **Mentor**, EmpowHER Institute, Los Angeles, CA
- 2006, **Delegate**, Miami University "Lights in London" community service delegation to London, England

AWARDS & HONORS

- 2023, Computing Research Association-Widening Participation in Computing Mid-Career Workshop Selected Participant

- 2018, Association for the Study of Higher Education Early Career Faculty Workshop Selected Participant
- 2015, 2016, Ellen Schalk-Field Memorial Scholarship Recipient
- 2015, 18 of the Last 9 Miami University Outstanding Young Alumni Award
- 2013, University of California, Los Angeles, Graduate Research Mentorship Award
- 2011, Helen S. Astin Fellowship
- 2011, University of North Carolina, Charlotte, College of Engineering Leadership Award
- 2011, University of North Carolina, Charlotte, Chuck Lynch Award for 2011 Community of the Year
- 2010, University of North Carolina, Charlotte, Chuck Lynch Award for Academic Connections
- 2010, University of North Carolina, Charlotte, Chuck Lynch Award for Program of the Year
- 2008, The Ohio State University Student Life Employee Recognition Award for Outstanding Achievement
- 2008, The Ohio State University Student Life Employee Recognition Award for Best Collaboration Between Departments
- 2007, Miami University Student Leadership Award
- 2006, Miami University Department of French Research Scholarship
- 2004-2007, Miami University Honors Program Scholarship

ⁱ Vardi, M. Y. (2009). Conferences vs. journals in computing research. *Communications of the ACM* 52(5), 5-5. DOI=10.1145/1506409.1506410