

# Linda J. Sax

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## EDUCATION

### Ph.D., Higher Education

UNIVERSITY OF CALIFORNIA, LOS ANGELES 1994

### M.A., Higher Education

UNIVERSITY OF CALIFORNIA, LOS ANGELES 1991

### B.A., Political Economy of Industrial Societies

UNIVERSITY OF CALIFORNIA, BERKELEY 1990

## PROFESSIONAL EXPERIENCE

### UCLA School of Education and Information Studies

**Professor** 2010 to present

Higher Education and Organizational Change (HEOC)

HEOC Division Head 2010 - 2012

Faculty Director, Master's in Student Affairs Program 2007 - 2022

**Associate Professor** 2007 - 2010

**Associate Professor-in-Residence** 2001 - 2006

**Assistant Professor-in-Residence** 1999 - 2001

**Visiting Assistant Professor** 1996 - 1998

**Lecturer** 1995 - 1996

**Founding Director, *Momentum: Accelerating Equity*** 2019-present

*in Computing and Technology* (<https://momentum.gseis.ucla.edu/>)

Established a large program of research at UCLA focused on efforts to diversify computing and technology fields. *Momentum's* primary focus is studying the recruitment and retention of women and people of color into computing education pathways and technology fields. Major projects include BRAID Research (2014-2020) the Center for Inclusive Computing study (2021-present), and the [Literature Database](#) on Broadening Participation in Computing (2019-present). *Momentum/BRAID* Research has been supported by over \$8 million received from a variety of funding sources, including the National Science Foundation, Pivotal Ventures (Executive Office of Melinda French Gates), the Computing Research Association, the Kapor Center, and AnitaB.org.

**Director, Cooperative Institutional Research Program (CIRP)** 1997 - 2005  
**Associate Director, Higher Education Research Institute (HERI)** 1994 - 2005  
 UCLA Graduate School of Education & Information Studies

Responsible for research and administrative functions related to the Institute’s annual nationwide surveys (CIRP Freshman Survey; College Student Survey; Your First College Year Survey) including survey design, data analysis, publication of articles and reports, field research, project management, and staff supervision (approx. 4 FTE staff, 8 graduate research assistants).

**Affiliations with Centers/Institutes (Current and Past)**

- Visiting Scholar, Centre of Excellence for Equity in Higher Education (CEEHE), University of Newcastle, Australia
- Affiliated Faculty, Higher Education Research Institute (HERI), UCLA
- Affiliated Faculty, Students Experiences in the Research University (SERU), Center for the Study of Higher Education (CSHE), UC Berkeley
- Affiliated Faculty, Center for Embedded Network Sensing (CENS), UCLA
- Affiliated Faculty, Interdisciplinary Relationship Science Program (IRSP), UCLA
- Affiliated Faculty, Center for the Study of Women (CSW), UCLA

**TEACHING**

- Assessment and Evaluation in Higher Education
- Research Methods in Education
- Doctoral Research Practicum
- Gender Issues in Higher Education
- Student Affairs Research-to-Practice

**FUNDING**

General Operating Support for Momentum, provided by Google.	2024-2025	\$202,350
Co-Principal Investigator (with PI Dr. Kathleen Lehman), “BPC-DP: Leveraging Institutional Data Collection and Analysis as an Entry to BPC Work: A Pilot Program to Support Emerging DEI Efforts.” Funded by the National Science Foundation.	2022-2024	\$300,000
Principal Investigator, “Momentum/CRA Literature Matrix BPCNet.org Collaboration.” Funded by the Computing Research Association.	2022-2023	\$115,700
General Operating Support for Momentum, provided by Pivotal Ventures, Executive Office of Melinda Gates.	2020-2024	Undisclosed amount
General Operating Support for Momentum, provided by Pivotal Ventures, Executive Office of Melinda Gates.	2020-2025	Undisclosed amount
Principal Investigator, “Experiences that Shape Undergraduate	2020-2023	\$1,640,000

Computing Trajectories: An Equity-Focused Longitudinal Study at Center for Inclusive Computing (CIC) Institutions.” Funded by the National Science Foundation.		
Principal Investigator, “BRAID Research/CRA Literature Matrix BPCNet.org Collaboration.” Funded by the Computing Research Association.	2019-2022	\$280,000
Principal Investigator, “Broadening Participation in Undergraduate Computing Literature Matrix Resource.” Funded by the National Science Foundation.	2019-2021	\$299,997
Principal Investigator (Faculty Sponsor), “Decoding Doctoral Student Departure: Faculty and Student Perspectives.” Researcher: Doctoral student Kari George. Funded by the Association for Computing Machinery.	2019-2020	\$3,500
Principal Investigator, “A Mixed Methods Study of the Experiences of Undergraduate Latina Students in Computing.” Funded by the Kapor Center and the Women of Color in Computing Collaborative.	2019-2020	\$77,964
Principal Investigator, “Diversifying Undergraduate Computing: An Examination of Multiple Pathways and Institutional Responses.” Gift from Pivotal Ventures, Executive Office of Melinda Gates.	2017-2019	Undisclosed amount
Principal Investigator, “Building Recruiting and Inclusion for Diversity (BRAID) in the Computer Science Major: A Longitudinal Research Study.” Funded by the National Science Foundation.	2015-2020	\$1,936,540
Principal Investigator, “BRAID/CRA Collaboration to Study Gender and Racial/Ethnic Diversity in Computer Science.” Funded by the Computing Research Association.	2015-2017	\$151,193
Recipient, UCLA Faculty Grant.	2015-2016	\$4,700
Principal Investigator (Faculty Sponsor), “Major Matters: Exploration of the Gender Wage Gap among STEM Graduates.” Researcher: Doctoral student Kyungmin Lim. Funded by the Association for Institutional Research.	2015-2016	\$15,580
Principal Investigator, “Research Design for the BRAID Project.” Funded by AnitB.org.	2014-2020	\$570,622
Principal Investigator, “Exploring student-parent communication patterns during college: Considerations of race, class, and gender.” 2014 Channing Briggs Small Research Grant funded by the NASPA Foundation.	2014-2015	\$4,894
Principal Investigator, “The Impact of Women’s Colleges in a Contemporary Context: Initiation Phase.” Funded by the Women’s College Coalition.	2014-2015	\$25,000
Recipient, UCLA Faculty Grant.	2014-2015	\$8,000
Recipient, UCLA Faculty Grant.	2012-2013	\$4,000
Principal Investigator, “Students and Faculty at Women’s Colleges: Recent Trends and Contemporary Contexts.”	2012-2013	\$73,360

Funded by the Women's College Coalition.		
Principal Investigator, "Trends in the Determinants of Gender Segregation across STEM Majors, 1976-2006." Funded by the National Science Foundation.	2011-2014	\$525,000
Principal Investigator, "The Impact of Parental Involvement on College Students' Academic and Social Adjustment: Considering the Role of Race, Class and Gender." [Funded by the UCLA Vice Chancellor for Student Affairs (\$15,000) and the Vice Chancellor for External Affairs (\$20,000).]	2011-2012	\$35,000
Recipient, UCLA Faculty Grant.	2011-2012	\$6,000
Recipient, UCLA Center for the Study of Women Faculty Development Grant.	2011-2012	\$3,500
Recipient, UCLA Faculty Grant.	2010-2011	\$7,000
Recipient, UCLA Faculty Grant.	2009-2010	\$6,000
Principal Investigator, "Characteristics and College Experiences of Women from Single-Sex High Schools." Funded by the National Coalition of Girls' Schools.	2007-2008	\$57,750
Recipient, UCLA Faculty Grant.	2007-2008	\$5,000
Recipient, UCLA Faculty Grant.	2006-2007	\$6,000
Principal Investigator, "The Impact of Single-Gender High Schools on Students' Transition to College and First-Year Development." Funded by the AAUW Educational Foundation.	2005-2007	\$100,000
Recipient, UCLA Faculty Grant.	2004-2005	\$2,000
Co-Principal Investigator (with Deborah Estrin and Christine Borgman), " <a href="#">Women@CENS</a> (Center for Embedded Network Sensing): A Research System." Funded by the National Science Foundation.	2003-2006	\$899,689
Principal Investigator, "Designing an Assessment of the First College Year (Year 3)." Subcontract to The Policy Center on the First Year of College. Funded by The Pew Charitable Trusts and the Atlantic Philanthropies.	2002	\$107,011
Principal Investigator (Faculty Sponsor), "The Blending of Academic and Corporate Cultures in Innovative Sciences Research." Researchers: Doctoral students Karen Kim and Tracy Davis. Funded by the Center for Studies in Higher Education (CSHE) Grant Program.	2001-2002	\$5,000
Principal Investigator, "Strengthening Assessment of the First College Year: The Road Ahead (Year 2)" Subcontract to The Policy Center on the First Year of College. Funded by The Pew Charitable Trusts and the Atlantic Philanthropies.	2001	\$281,890
Principal Investigator, "Transfer and Retention of Urban Community College Students." Subcontract to the University of Southern California. Funded by the U.S. Department of Education.	2000-2003	\$246,536

Principal Investigator, “America’s Jewish Freshmen: Current Characteristics and Recent Trends.” Funded by Hillel: The Foundation for Campus Jewish Life.	2000-2001	\$58,697
Principal Investigator, “Designing an Assessment of the First College Year (Year 1).” Subcontract to The Policy Center on the First Year of College. Funded by The Pew Charitable Trusts.	1999-2000	\$122,806
Principal Investigator, “Graduate Education in Science, Math, and Engineering: Gender Differences in Enrollment, Persistence, and Satisfaction.” Funded by the Alfred P. Sloan Foundation.	1996-1997	\$30,000

## HONORS AND AWARDS

“Uncommon Bruin”, UCLA Athletics center-court honoree at women’s basketball game, November 2021

Mentoring Award, Association for the Study of Higher Education, November 2019

Master of Ceremonies, Mount Saint Mary’s University Commencement, Shrine Auditorium, May 2016

UCLA Department of Education Distinguished Teaching Award, 2015

Alumnae Award of Achievement, Alpha Chi Omega National Convention, 2014

Fellow, Sudikoff Family Institute for Education & New Media, 2007-08

University Scholar-in-Residence Award, American Association of University Women, 2005-2007

Early Career Scholar Award, Association for the Study of Higher Education, November 1999

Faculty Award, Division of Higher Education and Organizational Change, Graduate School of Education & Information Studies, UCLA, 1992-1993

## MEDIA ENGAGEMENT

Has appeared on national and local news networks (ABC, CBS, CNN, FOX, KTLA, KCET, KCAL) and local and national radio outlets. Has been quoted in dozens of local and national newspapers (e.g., *Los Angeles Times*, *New York Times*, *Washington Post*, *Boston Globe*, *USA Today*, and *The Chronicle of Higher Education*), as well as in major news magazines (e.g., *Time*, *Newsweek*, *U.S. News & World Report*, and *The Atlantic Monthly*).

## PUBLICATIONS

### Book

**Sax, L. J.** (2008). *The Gender Gap in College: Maximizing the Developmental Potential of Women and Men*. San Francisco: Jossey-Bass.

### Journal Articles and Published Proceedings

**Sax, L. J.**, Nhien, C., & Stormes, K. N. (2024). A quantitative methodological review of research on broadening participation in computing, 2005-2022. In *Proceedings of the 55th ACM Technical Symposium on Computer Science Education V. 1* (pp. 1182-1188).

Lehman, K. J., Newhouse, K. N., Sundar, S., & **Sax, L. J.** (2023). Nevertheless, they persisted: Factors that promote persistence for women and racially/ethnically minoritized students in undergraduate computing. *Computer Science Education*, 33(2), 260-285.

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), 1-24.  
[10.1615/JWomenMinorScienEng.2022039365](https://doi.org/10.1615/JWomenMinorScienEng.2022039365)

**Sax, L. J.**, Newhouse, K. N. S., Goode, J., Nakajima, T. M., Skorodinsky, & M., Sendowski, M. (2022). Can computing be diversified on “principles” alone? Exploring the role of AP Computer Science courses in students’ major and career intentions. *ACM Transactions on Computing Education*, 22(2): 1-26. <https://dl.acm.org/doi/10.1145/3479431>

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*, 34(1), 137-159. <https://doi.org/10.1080/08993408.2022.2160150>

George, K. L., Sax, L. J., Wofford, A. M., & Sundar, S. (2022). The tech trajectory: Examining the role of college environments in shaping students’ interest in computing careers. *Research in Higher Education*, 63(5), 871-898.

Wofford, A. M., **Sax, L. J.**, George, K. L., Ramirez, D., & Nhien, C. (2022). Advancing equity in graduate pathways: Examining the factors that sustain and develop computing graduate aspirations. *The Journal of Higher Education*, 93(1), 110-136. <https://doi.org/10.1080/00221546.2021.1930840>

**Sax, L. J.**, George, K. L., Harris, D., & Payton, F. C. (2020). Reframing the representation of Black students in undergraduate computing. *Journal of Women and Minorities in Science and Engineering*, 26(4), 325-356.

<https://doi.org/10.1615/JWomenMinorScienEng.2020028576>

- Lehman, K. J., Wofford, A. M., Sendowski, M., Newhouse, K. N. S., & **Sax, L. J.** (2020). Better late than never: Exploring students' pathways to computing in later stages of college. In *Proceedings of the 51<sup>st</sup> ACM SIGCSE Technical Symposium on Computer Science Education*, 1075-1081. <https://doi.org/10.1145/3328778.3366814>
- Sax, L. J.**, Newhouse, K. N. S., Goode, J., Skorodinsky, M., Nakajima, T. M., & Sendowski, M. (2020). Does AP CS Principles broaden participation in computing? An analysis of APCSA and APCSP participants. *Proceedings of the 51<sup>st</sup> ACM SIGCSE Technical Symposium on Computer Science Education*, 542–548. <https://doi.org/10.1145/3328778.3366826>
- Sax, L. J.**, Blaney, J. M., Zavala, C., & Newhouse, K. N. S. (2020). Who takes intro computing? Examining the degree plans of introductory computing students in light of booming enrollments. In *Research on Equity and Sustained Participation in Engineering, Computing, and Technology (RESPECT), 2020*. Portland, OR: IEEE.
- Blaney, J. M., **Sax, L. J.**, & Chang, C. (2020). Incentivizing longitudinal survey research: The impact of mixing guaranteed and non-guaranteed incentives on survey response. *The Review of Higher Education*, 43(2): 581-601.
- Sax, L.J.** & Newhouse, K.N.S. (2019). Disciplinary field specificity and variation in the STEM gender gap. *New Directions for Institutional Research*, 179: 45-71.
- Zimmerman, H. B., Toven-Lindsey, B., **Sax, L. J.**, Lehman, K. L., & 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), 2019*. Minneapolis, MN: IEEE.
- 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.
- Sax, L. J.**, Lim, K., Lehman, K., & Monje-Paulson, L. (2018). Reversal of the gender gap: The biological sciences as a unique case within science, technology, engineering, and mathematics (STEM). *The Journal of Women and Minorities in Science and Engineering*, 24(4): 291-324.
- Weintraub, D. S. & **Sax, L. J.** (2018). The relationship between student-parent communication and first-year academic performance. *NACADA Journal*, 38(1): 61-76.
- Kim, Y. K., & **Sax, L. J.** (2018). The effect of positive faculty support on mathematical self-concept for male and female students in STEM majors. *Research in Higher Education*, 59: 1074-1104.

- Riggers-Piehl, T. A. & **Sax, L. J.** (2018). Encouraging the spirit: The role of student-faculty interactions in college students' meaning-making and spiritual quest. *Journal of College and Character, 19*(2): 101-119.
- Kim, Y. K., & **Sax, L. J.** (2017). The impact of college students' interactions with faculty: A review of general and conditional effects. In *Higher Education: Handbook of Theory and Research* (pp. 85-139). Springer International Publishing.
- Sax, L. J.**, Zimmerman, H. B., Blaney, J. M., Toven-Lindsey, B., & Lehman, K. (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.
- Jacobs, J. A., Ahmad, S., & **Sax, L. J.** (2017). Planning a career in engineering: parental effects on sons and daughters. *Social Sciences, 6*(1), 2.
- Sax, L. J.**, Lehman, K., Jacobs, J.A., Kanny, A., Lim, G., 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.
- 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, USA: ACM.
- 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.
- Sax, L. J.**, Lehman, K., Barthelemy, R., & Lim, G. (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.
- Sax, L. J.** & Weintraub, D. S. (2016). Hold on tight or let go: Exploring the parental role in first-year students' college adjustment. *Journal of The First-Year Experience & Students in Transition, 28*(2): 73-92.
- Sax, L.J.**, Kanny, A., Jacobs, J., Whang, H., Weintraub, D.S. & Hroch, A. (2016). Understanding the changing dynamics of the gender gap in undergraduate engineering majors: 1971-2011. *Research in Higher Education, 57*(5): 570-600.
- Sax, L. J.**, Kanny, M. A., Riggers-Piehl, T. A., Whang, H., & Paulson, L. N. (2015). "But I'm not good at math": The changing salience of mathematical self-concept in shaping women's and men's STEM aspirations. *Research in Higher Education, 56*(8): 813-842.



- Sax, L. J.** & Weintraub, D. S. (2014). Exploring the parental role in first-year students' emotional well-being: Considerations by gender. *Journal of Student Affairs Research and Practice*, 5(2): 113-127.
- Kim, Y. & **Sax, L. J.** (2014). The effects of student-faculty interaction on academic self-concept: Does academic major matter? *Research in Higher Education*, 55, 780-809. doi: 10.1007/s11162-014-9335-x
- Kanny, M. A., **Sax, L. J.** & Riggers-Piehl, T. A. (2014). Investigating forty years of STEM research: How explanations for the gender gap have evolved over time. *Journal of Women and Minorities in Science and Engineering*, 20(2): 127-148.
- Sax, L. J.**, Riggers, T. & Eagan, M. K. (2013). The role of single-sex education in the academic engagement of college-bound women: A multilevel analysis. *Teachers College Record*, 115, 1-27.
- Harper, C. E., **Sax, L. J.**, & Wolf, D. S (2012). The role of parents in college students' sociopolitical awareness, academic, and social development. *Journal of Student Affairs Research and Practice*, 49(2): 137-156.
- Shapiro, C. and **Sax, L. J.** (2011). Major selection and persistence for women in STEM. *New Directions for Institutional Research*, 152: 5-18.
- Sax, L. J.**, Shapiro, C. A. & Eagan, M. K. (2011). Promoting mathematical and computer self-concept among female college students: Is there a role of single-sex secondary education? *Journal of Women and Minorities in Science and Engineering*, 17(4): 325-355.
- Kim, Y. K. and **Sax, L. J.** (2011). Are the effects of student-faculty interaction dependent on academic major? An examination using multilevel modeling. *Research in Higher Education*, 52(6): 589-615.
- Sax, L. J.** & Wartman, K. L. (2010). Studying the impact of parental involvement on college student development: A review and agenda for research. In John C. Smart (Ed.), *Higher Education: Handbook of Theory and Research*, 25: 219-250.
- Kim, K., **Sax, L. J.**, Lee, J. J. & Hagedorn, L. S. (2010). Redefining nontraditional students: Exploring the self-perceptions of community college students. *Community College Journal of Research and Practice*, 34(5): 402-422.
- Wolf, D., **Sax, L. J.**, & Harper, C. E. (2009). Parental engagement and contact in the academic lives of college students. *NASPA Journal*, 46(2): 325-358.
- Kim, Y. K. & **Sax, L. J.** (2009). Student-faculty interaction in research universities: Differences by student gender, race, income, and first-generation status. *Research in Higher Education*, 50(4): 437-459.

- Sax, L. J.**, Gilmartin, S.K., Lee, J.J., & Hagedorn, L.S. (2008). Using web surveys to reach college students: An analysis of response rates and response bias. *Community College Journal of Research and Practice*, 32: 712-729.
- Sax, L. J.** & Arms, E. (2008). Gender differences over the span of college: Challenges to achieving equity. *Journal About Women in Higher Education*, 1: 23-48.
- Han, J. C., **Sax, L. J.** & Kim, K. (2007). Having the talk: Engaging engineering students in discussions on gender inequity. *The Journal of Women and Minorities in Science and Engineering*, 13(2): 145-163.
- Sax, L. J.** & Harper, C. (2007). Origins of the Gender Gap: Pre-College and College Influences on the Differences between Men and Women. *Research in Higher Education*, 48(6): 669-694.
- Sax, L. J.** & Bryant, A. N. (2006). The impact of college on sex-atypical career choices of men and women. *The Journal of Vocational Behavior*, 68: 52-63.
- Sax, L. J.**, Bryant, A. N., & Harper, C. (2005). The differential effects of student-faculty interaction on college outcomes for women and men. *The Journal of College Student Development*, 46(6): 642-659.
- Sax, L. J.**, Bryant, A. N., & Gilmartin, S. K. (2004). A longitudinal investigation of emotional health among male and female first-year college students. *Journal of the First Year Experience and Students in Transition*, 16(2): 39-65.
- Sax, L. J.** (2004). Citizenship development and the American college student. *New Directions for Institutional Research*, 122 (Summer): 65-80.
- Lee, J.J., **Sax, L.J.**, Kim, K.A., & Hagedorn, L. S. (2004). Understanding students' parental education beyond first-generation status. *Community College Review*, 32(1): 1-20.
- Hagedorn, L. S. & **Sax, L. J.** (2003). Marriage, children, and aging parents: The role of family-related factors in faculty job satisfaction. *The Journal of Faculty Development*, 19(2): 65-76.
- Sax, L. J.**, Gilmartin, S. K., Bryant, A. N. (2003). Assessing response rates and nonresponse bias in web and paper surveys. *Research in Higher Education*, 44(4): 409-432.
- Sax, L. J.** (2003). A profile of American Jewish college students. *Hadoar*, 82(3): 30-33.
- Sax, L. J.**, Hagedorn, L. S., Arredondo, M., & DiCrisi III, F. (2002). Faculty research productivity: Exploring the role of gender and family-related factors. *Research in Higher Education*, 43(4): 423-446.

- Sax, L. J.**, Ceja, M., & Teranishi, R. T. (2001). Technological preparedness among entering freshmen: The role of race, class, and gender. *Journal of Educational Computing Research*, 24(4): 363-383.
- Sax, L. J.** (2001). Undergraduate science majors: Gender differences in who goes to graduate school. *The Review of Higher Education*, 24(2): 153-172.
- Sax, L. J.** & Arredondo, M. (1999). Student attitudes toward affirmative action in higher education: Findings from a national study. *Research in Higher Education*, 40(4): 439-459.
- Astin, A. W., **Sax, L. J.**, & Avalos, J. (1999). The long-term effects of volunteerism during the undergraduate years. *The Review of Higher Education*, 21 (2): 187-202.
- Astin, A. W. & **Sax, L. J.** (1998). How undergraduates are affected by service participation. *The Journal of College Student Development*, 39(3): 251-263.
- Cress, C. M. & **Sax, L. J.** (1998). Campus climate issues to consider for the next decade. *New Directions for Institutional Research*, 25(2): 65-80.
- Sax, L. J.** & Astin, A. W. (1997). The benefits of service: Evidence from undergraduates. *Educational Record*, Summer/Fall: 25-32.
- Sax, L. J.** (1997). Health trends among college freshmen. *Journal of American College Health*, 45(6): 252-262.
- Sax, L. J.** (1996). The dynamics of tokenism: How college students are affected by the proportion of women in their major. *Research in Higher Education*, 37(3): 389-426.
- Dey, E. L., Korn, J. S., & **Sax, L. J.** (1996). Betrayed by the academy: The sexual harassment of women college faculty. *The Journal of Higher Education*, 67(2): 149-173.
- Sax, L. J.** (1994). Predicting gender and major-field differences in mathematical self-concept during college. *Journal of Women and Minorities in Science and Engineering*, 1(4): 291-307.
- Sax, L.J.** (1994). Mathematical self-concept: How college reinforces the gender gap. *Research in Higher Education*, 35(2): 141-166.
- Sax, L.J.** (1994). Retaining tomorrow's scientists: Exploring the factors that keep male and female college students interested in science careers. *Journal of Women and Minorities in Science and Engineering*, 1(1): 45-62.

**Sax, L. J.** (2005). (Guest editor). *Journal of College Student Retention: Research, Theory & Practice. Special Issue on Utilizing Entering Student Data to Enhance the Study of College Retention*, 7(2).

### Essays

**Sax, L.** (2020). Achieving diversity in computing: The benefits of a collaborative approach. Burke, P.J., Bunn, M., Lumb, M. (Eds). *An invitation to reconceptualise Widening Participation through praxis*. Centre of Excellence for Equity in Higher Education resource. Available at: <https://www.newcastle.edu.au/ceehe/>.

**Sax, L. J.** (2014) Differences in the way men and women experience college. Pp. 30-32 in *Raising Boys, Engaging Guys and Educating Men*. Hampden-Sydney College, Hampden-Sydney, VA.

**Sax, L. J.** (2013). A quarter-century of stalled progress for women in STEM. *Amplify.com*, 27 April 2013. <http://www.amplify.com/article/quarter-century-stalled-progress-women-stem-0>.

**Sax, L. J.** (2010). Finances, family, friends, and faith: Sources of concern and hope for today's college women. *The Journal of College and Character*, 11(1). doi:10.2202/1940-1639.1013.

**Sax, L. J.** (2009). Gender matters: The variable effect of gender on the student experience. *About Campus*, 14(2): 2-10.

**Sax, L. J.** (2008). Her college experience is not his. *The Chronicle of Higher Education*, 55 (5): A32. \*\*Reprinted in *Race, Class and Gender in the United States*, 8<sup>th</sup> Edition Publication (2009). Edited by P. Rothenberg.

**Sax, L. J.** (2007). College women still face many obstacles in reaching their full potential. *The Chronicle of Higher Education*, 54(5): B46.

**Sax, L.J.** (2003). Our incoming students: What are they like? *About Campus*, 8(3): 15-20.

### Book chapters

Lehman, K., Newhouse, K.N.S. & **Sax, L. J.** (2020). Global perspectives on the gender gap in computing. Chapter in M. Weaver-Hightower & N. Niemi (Eds.), *The International Handbook of Gender Equity in Higher Education*. Wiley-Blackwell.

Riggers, T. and **Sax, L.J.** (2011). College student development. Chapter in Barbara J. Bank (Ed.), *Gender and Higher Education*. Baltimore, MD: Johns Hopkins University Press.

**Sax, L.J.** and Harper, C.E. (2011). Using research to inform practice: Considering the conditional effects of college. Pp. 499-514 in J. Schuh, S. Jones & S. Harper (Eds.),

*Student Services: A Handbook for the Profession (5<sup>th</sup> Edition)*. San Francisco: Jossey-Bass.

**Sax, L. J.** (2000). Citizenship development and the American college student. Chapter in T. Ehrlich (Ed.), *Higher Education and Civic Responsibility*, Phoenix, AZ: Oryx Press.

**Sax, L. J.** & Astin, A. W. (1997). The development of “civic virtue” among college students. Pp. 131-151 in J. Gardner & G. Van der Veer (Eds.), *The Senior Year Experience: Facilitating Integration, Reflection, Closure, and Transition*. San Francisco: Jossey-Bass.

Astin, H. S. & **Sax, L. J.** (1996). Developing scientific talent in undergraduate women. Pp. 96-121 in C. Davis, A. Ginorio, C. Hollenshead, B. Lazarus, and P. Rayman (Eds.), *The Equity Equation: Fostering the Advancement of Women in the Sciences, Mathematics, and Engineering*. San Francisco: Jossey-Bass.

#### *Encyclopedia entries*

**Sax, L. J.** & Quinn, C. S. (2012). Single-sex colleges. In J. A. Banks (Ed.), *Encyclopedia of Diversity in Education*. Newbury Park, CA: Sage Publications.

**Sax, L. J.** & Bryant, A. N. (2002). Undergraduate women in science. In Ana M. Martinez Aleman & Kristen A. Renn (Eds.), *Women in higher education: An encyclopedia*. Santa Barbara, CA: ABC-CLIO Press.

Gilmartin, S.K., & **Sax, L.J.** (2002). College women's romantic relationships. In A.M. Martinez Aleman & K.A. Renn (Eds.), *Women in Higher Education: An Encyclopedia*. Santa Barbara, CA: ABC-CLIO.

**Sax, L. J.** (2002). Student attitudes. In J. F. Forest & K. Kinser (Eds.). *Higher Education in the United States: An Encyclopedia*. Santa Barbara: ABC-CLIO

#### *Technical reports*

**Sax, L. J.**, with Berdan Lozano, J. and Quinn Vandenoorn, C. (2014). *Who Attends a Women's College? Identifying Unique Characteristics and Patterns of Change, 1971-2011*. Report to the Women's College Coalition. Graduate School of Education & Information Studies, UCLA.

**Sax, L. J.**, with Berdan Lozano, J. and Korgan, C. (2014). *Who Teaches at Women's Colleges? A Comparative Profile of Women's College Faculty*. Report to the Women's College Coalition. Graduate School of Education & Information Studies, UCLA.

**Sax, L. J.**, with Arms, E., Woodruff, M., Riggers, T., & Eagan, M. (2009). *Women Graduates of Single-sex and Coeducational High schools: Differences in their Characteristics and the*

*Transition to College*. Sudikoff Family Institute for Education & New Media, Graduate School of Education & Information Studies, UCLA.

Gumport, P. J., Kuh, G. D., & **Sax, L. J.** (2005). *External Review of University of California Undergraduate Experience Survey (UCUES)*.

**Sax, L. J.** (2002). *America's Jewish Freshmen: Current Characteristics and Recent Trends Among Students Entering College*. Final report to Hillel: The Foundation for Jewish Campus Life. Los Angeles: Higher Education Research Institute, UCLA.

**Sax, L. J.**, Keup, J. R., Gilmartin, S. K., Stolzenberg, E. B., & Harper, C. (2003). *Findings from the 2002 Administration of Your First College Year (YFCY): National Aggregates*. Year 3 report to the Policy Center on the First Year of College. Los Angeles: Higher Education Research Institute, UCLA.

**Sax, L. J.**, Gilmartin, S. K., Keup, J. R., Bryant, A. N., & Plecha, M. (2002). *Findings from the 2001 Pilot Administration of Your First College Year (YFCY): National Norms*. Year 2 report to the Policy Center on the First Year of College. Los Angeles: Higher Education Research Institute, UCLA.

**Sax, L. J.**, Gilmartin, S. K., Keup, J. R., DiCrisi, F. A., & Bryant, A. N. (2000). *Designing an Assessment of the First College Year: Results from the 1999-2000 YFCY Pilot Study*. Year 1 report to the Policy Center on the First Year of College. Los Angeles: Higher Education Research Institute, UCLA.

**Sax, L. J.** (1998). *Graduate Education in Science, Math, and Engineering: Gender Differences in Enrollment, Persistence, and Satisfaction*. Final report to the Alfred P. Sloan Foundation. Los Angeles: Higher Education Research Institute, UCLA.

**Sax, L. J.**, Astin, A. W., & Astin, H. S. (1996). Learn and Serve America Higher Education (LSAHE) Impacts on Volunteers. Chapter in *Evaluation of Learn and Serve America, Higher Education: First Year Report*. Santa Monica, CA: RAND Corporation.

#### *Published book reviews*

**Sax, L. J.** (2013). An impassioned call to action for gender equity in STEM. [Review of the book *Breaking into the Lab: Engineering Progress for Women in Science*, by Sue V. Rosser.] *Sex Roles*, 1-3.

**Sax, L. J.** (2012). Review of *Assessment for Excellence: The Philosophy and Practice of Assessment and Evaluation in Higher Education*, by Alexander W. Astin and Anthony L. Antonio (Second edition.) Lanham, MD: Rowman & Littlefield and the American Council on Education. *Research and Practice in Assessment*, 7: 42-44.

**Sax, L. J.** (2004). *Women in Higher Education: Empowering Change*. [Review of *Women in Higher Education: Empowering Change*, by J. DeGeorgio-Lutz (Ed.), Westport, CT: Praeger Publishers, 2002.] *The Review of Higher Education*, 27 (4): 589-590.

**Sax, L. J.** (2001). *Career Strategies for Women in Academe: Arming Athena*. [Review of *Career Strategies for Women in Academe: Arming Athena*, by L. H. Collins, J. C. Chrisler, & Quina, K. (Eds.), Thousand Oaks, CA: Sage Publications, 1998.] *The Journal of Higher Education*, 72 (1), January/February: 101-103.

### Monographs

Hurtado, S., **Sax, L. J.**, Saenz, V., Harper, C. E., Oseguera, L., Curley, J., Lopez, L., Wolf, D., Arellano, L. (2007). *Findings from the 2005 administration of Your First College Year*. Los Angeles: Higher Education Research Institute.

**Sax, L. J.**, Hurtado, S., Lindholm, J. A., Astin, A.W., Korn, W.S., & Mahoney, K. M. (2004). *The American Freshman: National Norms for Fall 2004*. Los Angeles: Higher Education Research Institute, UCLA.

**Sax, L. J.**, Astin, A. W., Lindholm, J. A., Korn, W. S., Saenz, V. B. & Mahoney, K. (2003). *The American Freshman: National Norms for Fall 2003*. Los Angeles: Higher Education Research Institute, UCLA.

**Sax, L. J.**, Lindholm, J. A., Astin, A. W., Korn, W. S., & Mahoney, K. (2002). *The American Freshman: National Norms for Fall 2002*. Los Angeles: Higher Education Research Institute, UCLA.

Astin, A. W., Oseguera, L., **Sax, L. J.**, & Korn, W. S. (2002). *The American Freshman: Thirty-Five Year Trends*. Los Angeles: Higher Education Research Institute, UCLA.

Lindholm, J. A., Astin, A. W., **Sax, L. J.** & Korn, W. S. (2002). *The American College Teacher: National Norms for the 2001-02 HERI Faculty Survey*. Los Angeles: Higher Education Research Institute, UCLA.

**Sax, L. J.**, Lindholm, J. A., Astin, A. W., Korn, W. S., & Mahoney, K. (2001). *The American Freshman: National Norms for Fall 2001*. Los Angeles: Higher Education Research Institute, UCLA.

**Sax, L. J.**, Astin, A. W., Korn, W. S., & Mahoney, K. (2000). *The American Freshman: National Norms for Fall 2000*. Los Angeles: Higher Education Research Institute, UCLA.

**Sax, L. J.**, Astin, A. W., Korn, W. S., & Mahoney, K. (1999). *The American Freshman: National Norms for Fall 1999*. Los Angeles: Higher Education Research Institute, UCLA.

**Sax, L. J.**, Astin, A. W., Korn, W. S., & Gilmartin, S. K. (1999). *The American College Teacher: National Norms for the 1998-99 HERI Faculty Survey*. Los Angeles: Higher Education Research Institute, UCLA.

**Sax, L. J.**, Astin, A. W., Korn, W. S., & Mahoney, K. (1998). *The American Freshman: National Norms for Fall 1998*. Los Angeles: Higher Education Research Institute, UCLA.

**Sax, L. J.**, Astin, A. W., Korn, W. S., & Mahoney, K. (1997). *The American Freshman: National Norms for Fall 1997*. Los Angeles: Higher Education Research Institute, UCLA.

Astin, A. W., Parrott, S. A., Korn, W. S., & **Sax, L. J.** (1997). *The American Freshman: Thirty Year Trends*. Los Angeles: Higher Education Research Institute, UCLA.

**Sax, L. J.**, Astin, A. W., Korn, W. S., & Mahoney, K. (1996). *The American Freshman: National Norms for Fall 1996*. Los Angeles: Higher Education Research Institute, UCLA.

**Sax, L. J.**, Astin, A. W., Arredondo, M., & Korn, W. S. (1996). *The American College Teacher: National Norms for the 1995-96 HERI Faculty Survey*. Los Angeles: Higher Education Research Institute, UCLA.

**Sax, L. J.**, Astin, A. W., Korn, W. S., & Mahoney, K. (1995). *The American Freshman: National Norms for Fall 1995*. Los Angeles: Higher Education Research Institute, UCLA.

Astin, A. W., Korn, W. S., **Sax, L. J.**, & Mahoney, K. (1994). *The American Freshman: National Norms for Fall 1994*. Los Angeles: Higher Education Research Institute.

#### *Other Publications*

**Sax, L. J.** & Lehman, K. J. (2021). Expanding the pipeline: Gaining momentum through research on diversity in undergraduate computing. *Computing Research News*, 33(4): 10-12.

**Sax, L. J.** (2017). Expanding the pipeline: Characteristics of male and female prospective computer science majors – Examining four decades of change. *Computing Research News*, 29(2), 4-7.

**Sax, L. J.** (2016, August 16). When your firstborn goes to college: Reflections of a researcher-mom. [Web log post]. Retrieved from [http://tech.sa.sc.edu/fye/NRC\\_blog/?p=213](http://tech.sa.sc.edu/fye/NRC_blog/?p=213)

**Sax, L. J.** (2016, July 11). Measuring progress towards diversity in computing: What's your metric? [Web log post]. Retrieved from <https://braidresearch.gseis.ucla.edu/blog/>

**Sax, L. J.**, Lehman, K. J. & Blaney, J. M. (2016). Building Recruiting and Inclusion for Diversity (BRAID): Emerging research on diversifying the CS major. *Computing Research News*, 28(3), 11-12.



**Sax, L. J.** (2012). Examining the underrepresentation of women in STEM fields: Early findings from the field of computer science. *CSW Update*, April 2012. (UCLA Center for the Study of Women newsletter.)

**Sax, L. J.** (2011). Foreword. In P. Pasque & S. E. Nicholson (Eds.) *Empowering Women in Higher Education and Student Affairs: Theory, research, narratives, and practice from feminist perspectives*. Sterling, VA: Stylus with ACPA Books & Media Board.

**Sax, L. J.** (2010). Admissions 105: Gender matters in college. *Reform Judaism Magazine*, 39: 49-51.

### *Internet Resources*

Momentum: Accelerating Equity in Computing and Technology. 2022. Undergraduate BPC Literature Database. <https://bpcnet.org/bpc-literature-database/>

### **PUBLISHED INTERVIEWS**

Wyer, K. (2012). Q&A: Linda Sax on the Gender Gap in Sciences, Math. *UCLA Today*, December 13, 2012.

Chesbrough, R. (2009). Q&A: Gender Differences in College Outcomes. Interview with Linda J. Sax. *Student Affairs Leader*, 37(3): 5.

Singh, A. (2008). Ten Questions for Linda Sax. *UCLA Today*, December 12, 2008.

Schuett, F. (1998). Present Attitudes Toward Affirmative Action in Higher Education: An Interview with Dr. Linda J. Sax. *Michigan Community College Journal*. Fall 1998: 9-32.

### **INVITED SPEAKING**

Invited speaker, Undergraduate BPC Literature Database: Origins and Applications. Presentation at the Computing Research Association's Broadening Participation in Computing (BPC) Community Meeting, October 2023.

Invited speaker, Briefing to the Committee on Pathways to Doctoral Degrees in Computing, National Academies of Sciences, Engineering, and Medicine, June 2023.

Invited speaker, UCLA Momentum Research on Efforts to Broaden Participation in Computing. Center for Education Innovation and Learning in the Sciences (CEILS), November 2022.

Invited panelist, ASHE Webinar on Chair/Discussant Roles, October 2022.

Invited speaker, Update on *Momentum*. Presentation at the Computing Research Association's Broadening Participation in Computing (BPC) Community Meeting, May 2022.

Invited research briefing, White House Office of Science Technology Policy. November 2021.

Invited speaker, Updates on BPC Research Conducted by Momentum Team. NSF Computer and Information Science and Engineering (CISE) PI meeting, March 2021.

Invited speaker, What Can be Learned from the Research? Findings from a U.S. Initiative to Broaden Participation in Computing. Webinar for “Building the UK Women into Computer Science Experience”, Council of Professors and Heads of Computing, United Kingdom, November, 2020

Invited panelist, A Mixed-Methods Study of the Experiences Latinas in Computing, Women of Color in Computing Collaborative Virtual Summit, August 2020

Invited Speaker, Building Recruiting and Inclusion for Diversity (BRAID) Annual Summit (virtual meeting), July 2020

Featured Guest, Fireside Chat with Dr. Brenda Darden Wilkerson, CEO of AnitaB.org, 2019 Grace Hopper Celebration of Women in Computing, Orlando, FL, October, 2019.

Invited Speaker, Building Recruiting and Inclusion for Diversity (BRAID) Annual Summit, Harvey Mudd College, July 2019

Invited panelist, CS for ECO Webinar: Broadening Participation in Computer Science (BPC): Community Advice and Resources. Organized by Northeast Ohio STEM Ecosystem, June 2019.

Invited panelist, Alliance for SoCal Innovation, Diversity Innovation Forum, Skirball Cultural Center, Los Angeles, CA, April 2019.

Invited Speaker, Boston College Women in STEM Speaker Series, Boston, MA, February 2019

Invited Panelist, National Science Foundation’s (NSF) Directorate for Computer and Information Science and Engineering, Salt Lake City, UT, July 2018

Invited Panelist, National Science Foundation’s (NSF) Directorate for Computer and Information Science and Engineering, Washington DC, October 2018

Invited Speaker, Building Recruiting and Inclusion for Diversity (BRAID) Annual Summit, Harvey Mudd College, July 2018

Invited Speaker, EQUALS Research Group, United Nations University, Macao, China, December 2017 (videoconference)

Invited Speaker, Towards Inclusive Tech Conference, UC Berkeley, September 2017

University of Newcastle, New South Wales, Australia (July-August, 2017)

- Featured Speaker, Center of Excellence for Equity in Higher Education
- Featured Speaker, Women's Professorial Network
- Featured Speaker, Methodology Symposium

Invited Speaker, Building Recruiting and Inclusion for Diversity (BRAID) Annual Summit, Harvey Mudd College, July 2017

Panelist, Learning Together Conference, UCLA Graduate School of Education & Information Studies, June 2017

Invited Speaker, The Gender Gap in Information Technology Conference, IT University of Copenhagen, Denmark, May 2017

Invited Speaker, AAUW/Dell Summit on Gender and Technology, April 2017

Distinguished Lecturer, Program in Higher Education Leadership, University of Texas at Austin, September 2016

Invited speaker, Workshop on the Growth of Computer Science Undergraduate Enrollments, National Academies of Sciences, Engineering, and Medicine, Washington, DC, August 2016

Invited speaker, Building Recruiting and Inclusion for Diversity (BRAID) Annual Summit, Snowbird, UT, July 2016

Keynote speaker, National Coalition of Girls' Schools event, Mount Saint Mary's University, Los Angeles, CA, April 2016.

Panelist, Convening on Gender-Based School Reform, UCLA Law School, May 2016.

Invited speaker, California State University, Northridge, May 2016.

Invited speaker, Computer Science Department, UCLA, February 2016.

Keynote speaker, Association of Computing Machinery (ACM)-W, UCLA, November 2015.

Invited speaker, Harvard-Westlake School, Los Angeles, CA, November 2015.

Invited speaker, Building Recruiting and Inclusion for Diversity (BRAID) Annual Summit, Harvey Mudd College, Claremont, CA, July 2015

Invited speaker, National Science Foundation ADVANCE/GSE Workshop. Baltimore, MD, June 2015.

Keynote speaker, National Coalition of Girls' Schools event, Mount Saint Mary's University, Los Angeles, CA, June 2015

Invited speaker, The Ellis School, Pittsburgh, PA, October 2014

Invited speaker, European Association of Single Sex Education, Madrid, Spain, October 2014

Invited speaker, Foundation Valentin de Madariaga, Seville, Spain, October 2014

Invited speaker, Universitat Politecnica de Catalunya, Barcelona, Spain, October 2014

Invited speaker, Grupo Educativo COAS, Bilbao, Spain, October 2014

Keynote speaker, National Coalition of Girls' Schools event, Bethesda, MD, April 2014

Keynote speaker, National Coalition of Girls' Schools event, Baltimore, MD, April 2014

Keynote speaker, National Coalition of Girls' Schools event, Los Angeles, CA, April 2014

Invited speaker, UCLA Fund Chancellor's Society, Los Angeles, CA, April 2014

Invited speaker, La Reina High School "The University Series," Thousand Oaks CA, March 2014

Keynote speaker, National Coalition of Girls' Schools event, Seattle, WA, March 2014

Invited speaker, Loyola Marymount University, STEM Education Research Seminar, March 2014

Invited speaker, National Conference on Girls' Education, Philadelphia, PA, February 2014

Invited speaker, Women's College Coalition Presidents' Meeting, Council of Independent Colleges (CIC) Presidents' Meeting, Marco Island, FL, January 2014

Keynote speaker, Wenona School, Sydney, Australia, January 2014 (videoconference)

Keynote speaker, Santa Catalina School Parents' Weekend, Monterey, CA, October 2013

Scholar-in-residence (multiple lectures and training), Douglass Residential College, Rutgers University, October 2013

Invited presenter, "Who Attends a Women's College? Identifying Unique Characteristics and Patterns of Change, 1971-2011." Bay Path College Fall Faculty Retreat, August 2013

Keynote speaker, National Coalition of Girls' Schools event, Los Angeles, CA, June 2013

Featured presenter, "Who Attends a Women's College? Identifying Unique Characteristics and Patterns of Change, 1971-2011." Women's College Coalition Online Seminar, May 2013

Invited presenter, "The Role of Single-Sex Education in the Academic Engagement of College-Bound Women: A Multilevel Analysis." *The Voice*, Teachers College Record Online Video Series, <https://vialogues.com/vialogues/play/11024>.

Invited speaker, Women's College Coalition Presidents' Meeting, Council of Independent Colleges (CIC) Presidents' Meeting, Palm Harbor, FL, January 2013

Invited speaker, Harvard-Westlake School. Los Angeles, CA, December 2012

Plenary Speaker, The Annapolis Group Presidents' Meeting, Annapolis, MD, June 2012

Scholar-in-Residence (three lectures), UCLA Bruin Woods, June 2012

Invited speaker, National Center for Women & Information Technology (NCWIT) Summit, Social Science Advisory Board, Chicago, IL, May 2012

Featured speaker, The Report on the Status of Women and Girls in California, Mt. St. Mary's University, March 2012

Invited speaker, National Conference on Girls' Education, Washington, D.C., February 2012

Invited speaker, Council of Independent Colleges Presidents' Conference, Marco Island, FL, January 2012

Adele Ramos Salzer Lecture, Tulane University, November 2011

Invited speaker, West Virginia University, NSF ADVANCE Speaker Series, September 2011

Featured presenter, "Addressing the Gender Gap on Campus: 10 Ways to Improve Outcomes." Magna Publications Online Seminar, April 2011

Keynote speaker, Women's College Coalition Presidents' Meeting, Washington D.C., November 2010

Invited speaker, UC Berkeley Gender Equity Resource Center, April 2010

Invited speaker, California State University Northridge, Women's "Herstory" Month, March 2010

Invited speaker, UC San Diego Student Affairs Staff, San Diego, CA, December 2009.

Invited speaker, Marlborough School Fall Faculty Retreat, Los Angeles, August 2009.

Keynote speaker, ACPA and NASPA Conference on College Men, Philadelphia, PA, May 2009.

Invited speaker, Higher Education Research Institute Seminar Series, May 2009

Invited speaker, UCLA Center for Governance Seminar Series, March 2009.

Invited speaker, UCLA Order of the Golden Bruin, February 2009.

Keynote speaker, Conference on the College Male, St. John's University, February 2009.

Plenary Speaker, Annual Conference on The First-Year Experience, Orlando, FL: February 2009

Invited speaker, Center for Studies in Higher Education, UC Berkeley, September 2008.

Invited speaker, Archer School Board of Trustees Retreat, Los Angeles, CA, September 2008

Invited speaker, National Coalition of Girls' Schools National Conference, Cleveland, OH, June 2008.

Scholar-in-Residence (six lectures), UCLA Bruin Woods, July 2007

Invited speaker, UCLA Career Center staff, May 2007

Invited speaker, UCLA Student Affairs and College of Letters & Science Speaker Series, April 2007

Invited speaker, Symposium on American Jewish Life, California State University Long Beach, April 2007

Invited speaker, National Coalition of Girls' Schools Board of Trustees, Los Angeles, February 2007

Keynote speaker, American Association of University Women Educational Foundation, Long Beach, October 2006

Invited speaker, Department of Psychology, UCLA, May and June, 2006

Scholar-in-Residence (six lectures), UCLA Bruin Woods, August 2006

Invited speaker, UCLA Jewish Students Union, November 2005

Scholar-in-Residence (six lectures), UCLA Bruin Woods, August 2005

Invited speaker, Western Regional Hillel Lay Leaders Conference, January 2005

Invited speaker, Hechinger Institute on Education and the Media, Columbia University Teachers College, October 2004

Plenary speaker, American Democracy Project National Meeting, Albuquerque, NM, August 2004

Invited Speaker, UC Santa Cruz Fall Residential Life Conference, Santa Cruz, CA, August 2004

Invited speaker, Center for Studies in Higher Education, UC Berkeley, June 2004

Invited speaker, Wingspread Conference on Creating Civically-Engaged Campuses, Racine, WI, June 2004.

Keynote speaker, New Hampshire College and University Council Academic Affairs Conference, Southern New Hampshire University, November 2003

Keynote speaker, Summer Assessment Institute on First-Year Assessment, Asheville, NC, July 2003

Invited speaker, Brandeis Collegiate Institute, Simi Valley, CA, June 2003

Featured speaker, Institute on College Student Values, Tallahassee, Florida, February 2003

Plenary speaker, Association for Institutional Research Annual Conference, Toronto, Canada, June 2002

Keynote speaker, Consortium on Assessment Planning and Support Conference, California State University-Fullerton, March 2002

Invited speaker, Third National Forum on First-Year Assessment, Orlando, FL, February 2002.

Invited speaker, The Jewish Federation of Greater Los Angeles, Los Angeles, CA, March 2001

Invited speaker, Hebrew Union College-Jewish Institute of Religion, Los Angeles, CA, March 2001

Invited speaker, Hillel Lay Leadership Conference, Washington, DC, March 2001

Invited speaker, Second National Forum on First-Year Assessment, Houston, TX, February 2001

Invited speaker, Hillel Professional Staff Conference, Princeton, New Jersey, December, 2000

Keynote speaker, Constitutional Rights Foundation Conference, California State University, Los Angeles, November, 2000

Invited speaker, National Association of State Universities and Land Grant Colleges Conference, San Francisco, CA, November, 1999

Keynote speaker, College of Marin Faculty Conference, Kentfield, CA, August, 1999

Keynote speaker, New Mexico Higher Education Assessment Conference, Albuquerque, NM, February, 1999

Keynote speaker, Association of American Universities Council on Federal Relations Retreat, Tucson, AZ, January, 1999

Keynote speaker, Illinois Wesleyan University Fall Faculty Conference, Bloomington, IL, August, 1998

Featured guest speaker, The Changing American College Student: Implications for the Freshman Year and Beyond. Teleconference produced by the National Resource Center for the First Year Experience, University of South Carolina, Columbia, SC, April, 1998

Plenary speaker, The Freshman Year Experience-West Conference, San Diego, CA, February, 1998

Keynote speaker, University of Georgia System, Board of Regents, Jekyll Island, GA, May, 1996

Keynote speaker, California Health 2000 Conference, San Diego, CA, March 1996

Invited speaker, Western Regional College Board Conference, San Francisco, CA, February 1996

Keynote speaker, Harvey Mudd College Faculty Retreat, November 1994

## **SERVICE AND CONSULTING**

### *Service as a Reviewer*

#### Reviews for Journals and Other Publications

Editorial Board (2018-present), Editorial Review Board (2012-2018), The Journal of Higher Education



Editorial Board (1993-present), Research in Higher Education

Editorial Board (1996-1999), The Review of Higher Education

Editorial Board (2015), Teaching in Higher Education

Guest Editor, Journal of College Student Retention

External reviewer, Cambridge University Press

External reviewer, Stanford University Press

Reviewer, Assessing and Responding to the Growth of Computer Science Undergraduate Enrollments, National Academies of Science, Engineering, and Medicine (2017)

Reviewer, Chapter 2, "Higher Education in Science and Engineering." National Science Foundation's 2016 Science and Engineering Indicators Report

Reviewer, Communications of the ACM (Association for Computing Machinery)

Reviewer, Change Magazine

Reviewer, Teachers College Record

Reviewer, Journal of Gender Studies

Reviewer, Families, Relationships, and Society

Reviewer, ACM Transactions on Computing Education

Reviewer, Journal for STEM Education Research

Reviewer, Journal of Engineering Education

Reviewer, AERA Open

Reviewer, Higher Education Handbook of Theory and Research

Reviewer, Frontiers in Psychology

Reviewer, Gender and Society

Reviewer, International Journal of Social Research Methodology

Reviewer, The Review of Higher Education

Reviewer, Science

Reviewer, Sociological Spectrum

Reviewer, Educational Researcher

Reviewer, Educational Assessment

Reviewer, Social Forces

Reviewer, Social Problems

Reviewer, The Sociological Quarterly

Reviewer, Learning and Individual Differences

Reviewer, European Sociological Review

Reviewer, Social Sciences

Reviewer, Heliyon

Reviewer, International Journal of STEM Education

Reviewer, Physical Review Special Topics - Physics Education Research

Reviewer, Sex Roles

Reviewer, The Journal of Higher Education  
Reviewer, Higher Education  
Reviewer, Journal of Diversity in Higher Education  
Reviewer, American Educational Research Journal  
Reviewer, Journal of Applied Social Psychology  
Reviewer, National Women's Studies Association Journal  
Reviewer, Journal of Women and Minorities in Science and Engineering  
Reviewer, The Canadian Journal of Higher Education  
Reviewer, The Journal of College Student Retention  
Reviewer, Educational Assessment, Evaluation and Accountability  
Reviewer, Journal of Studies on Alcohol and Drugs  
Reviewer, Research Briefs, American Council on Education  
Reviewer, Bridge Project Technical Papers for PACE (Policy Analysis for California Education)  
Reviewer, ASHE-ERIC Report Series

#### Reviews for Grant-Making Organizations

Expert Review Panel, "Equality Can't Wait Challenge", Competition funded by Pivotal Ventures, Charles and Lynn Schusterman Foundation, and Lever for Change.

External reviewer, National Science Foundation, National Center for Science and Engineering Statistics

Proposal Reviewer, National Science Foundation, Education and Human Resources Division

Proposal Reviewer, Paul P. Fidler Research Grant, National Resource Center for First Year Students and Students in Transition, University of South Carolina.

Proposal Reviewer, Israeli Ministry of Science and Technology

Proposal Reviewer, Israel Science Foundation

Proposal Reviewer, Austrian Sciences Fund

#### *External Faculty Reviewer for Appointment, Tenure and Promotion*

University of Arizona, College of Education (2024)  
University of Colorado, Boulder, Department of Information Science (2024)  
Columbia University (2023)  
University of Southern California (2023)  
Florida State University (2023)  
Arizona State University (2023)  
Kent State University (2022)  
University of Georgia (2022)

University of Tennessee, Knoxville (2021)  
University of Albany/SUNY (2021)  
University of Georgia (2020)  
University of South Florida (2020)  
Penn State University (2020)  
Indiana University (2019)  
University of Texas, Austin (2019)  
University of Massachusetts, Amherst (2019)  
George Mason University (2019)  
University of South Florida (2018)  
Florida State University (2018)  
Indiana University (2017)  
Iowa State University (2017)  
University of Iowa (2016)  
University of Vermont (2016)  
University of Wisconsin (2015)  
Florida State University (2015)  
Marquette University (2015)  
University of Denver (2015)  
Cal State University Long Beach (2015)  
University of Texas, Austin (2015)  
Indiana University (2014)  
University of Virginia (2014)  
Indiana University (2013)  
University of North Texas (2013)  
University of Toronto (2013)  
SUNY Buffalo (2013)  
Indiana University (2012)  
Boston College (2012)  
New York University (2011)  
University of Oklahoma (2011)  
University of Rochester (2011)  
University of Utah (2009)  
University of Louisville (2008)

*Advisory Boards and Invitational Meetings*

Advisory Board, Higher Education Research Institute, CRESST/UCLA (2024-present).

Advisory Board, InFORM (Including Faculty on Religious, Spiritual, & Secular Mattering),  
Ohio State University (2023-present).

Evaluation Advisory Board, CodePath.org, Boston College (2022-present).

Advisory Board, MLISS: A Machine Learning Student Behavior Model to Identify Struggling Students in Introductory CS Courses, NSF grant awarded to Rutgers University (2022-2023).

Advisory Board, “ECR Core Research: Investigating Computer Science Departmental Diversity Efforts to Identify Levers for Change.” NSF grant awarded to the University of Colorado at Boulder (2022-present).

Advisory Board, Community College to PhD: Developing Graduate Aspirations Among Upward Transfer Students in Computing and Technology, NSF grant awarded to Utah State University and Northern Arizona University (2021-present).

Expert Advisory Board, International Review of Equity in Higher Education grant awarded to the University of Newcastle (Australia) (2019-present)

Advisory Board, Connections Matter: The Impact of Social Ties and Social Capital for STEM College Students, NSF grant awarded to The Ohio State University (2017-2020)

Advisory Committee, Center for Evaluating the Research Pipeline, Computing Research Association (2016-2018)

Board of Directors, Association for the Study of Higher Education (2014-2016)

Board of Trustees, Mount Saint Mary’s University

- Educational Affairs Committee Member (Chair, 2015-2020)
- Student Life Committee Member
- Delivered public testimony, Los Angeles City Planning Commission Hearing on Proposed Construction of Wellness Pavilion at Mount Saint Mary’s University, October 2021.

Social Sciences Advisory Board Member, National Center for Women & Information Technology (NCWIT)

Technical Review Panel (TRP) for the High School Longitudinal Study of 2009 (HSL:09) Second Follow-Up, sponsored by the U.S. Department of Education's National Center for Education Statistics (NCES)

Advisory Board, ASHE Reader on *Critical Perspectives on Gender in Higher Education*.

Advisory Board, *Contextualizing Computing Education: The Role of Interdisciplinary, Collaborative Research Models in Undergraduate Women’s Educational and Vocational Trajectories*. NSF grant awarded to Cal State Fullerton.

Invited participant, Roundtable on the Status of Women and Girls in California, Mt. St. Mary’s College.

Advisory Board, *College Men and Masculinities: Theory, Research and Implications for Practice*. Shaun Harper and Frank Harris III (Eds.) San Francisco: Jossey-Bass.

Advisory Board, Pathway to a STEM Baccalaureate Degree. NSF grant awarded to Iowa State University

Research Advisory Committee, Jewish Outreach Institute

Transfer and Retention of Urban Community College Students (TRUCCS) National Advisory Board

National Advisory Board, National Resource Center for First Year Students and Students in Transition, University of South Carolina

Advisory Board, CalTech Pre-College Science Initiative, NSF grant awarded to California Institute of Technology

Advisory Board, The Policy Center on the First Year of College

Advisory Committee, Institute for Higher Education Policy, Study on Student Credit Hour System

Board of Directors, Los Angeles Hillel Council

Advisory Board, "Bridging the Gap: A Synthesis of Findings from SMET Research and Demonstration Projects in K-12 and Higher Education," UCLA and American Association of University Women

Invited participant, Carnegie Foundation for the Advancement of Teaching (with The Atlantic Philanthropies), Summit on "Pedagogies of Engagement"

Invited participant, Kellogg Intergenerational Research Symposium, UCLA

Invited participant, Best Practices Conference on Assessment of the Impact of Technology Upon Learning, Wake Forest University

Member, Campus Compact Research Advisory Council

*Service to Scholarly or Professional Associations*

Association for the Study of Higher Education (ASHE)

Member, Endowment Committee, Association for the Study of Higher Education (ASHE), 2023-present.

Discussant, "Reducing Barriers: Supporting Underserved Student Pathways." Paper session at the Association for the Study of Higher Education (ASHE) Conference. New Orleans, LA (held virtually): November 2020.

Discussant, "Exploring Factors that Influence Student Outcomes." Paper session at the Association for the Study of Higher Education (ASHE) Conference. Columbus, OH: November 2016.

Discussant, "Supporting Gender Diversity in STEM Fields." Paper session at the Association for the Study of Higher Education (ASHE) Conference. Washington, DC: November 2014.

Discussant, "STEM Success among Underrepresented Populations." Paper session at the Association for the Study of Higher Education (ASHE) Conference. St. Louis, MO: November 2013.

Discussant, "Demographic and Academic Factors for Success in STEM." Paper session at the Association for the Study of Higher Education (ASHE) Conference. Las Vegas, NV: November 2012.

Discussant, "Experiences & Gender Identity of Women in Engineering & Athletics." Paper session at the Association for the Study of Higher Education (ASHE) Conference. Charlotte, NC: November 2011.

Invited speaker, Graduate Student Session: "An Intimate Conversation with Scholars: Developing Research Ideas and Agendas as Graduate Students." Association for the Study of Higher Education (ASHE) Conference. Indianapolis, IN: November 2010.

Co-Chair, Students section, Association for the Study of Higher Education (ASHE) annual meeting, 2010

Member, Awards Committee, Association for the Study of Higher Education (ASHE), 2007-2010

Session Chair, "Parents of Today's College Students: Hovering Too Close to the Ground?" Symposium at the Association for the Study of Higher Education (ASHE) Conference. Louisville, KY: November 2007.

Discussant, "Alcohol and Drug Use in College." Paper session at the Association for the Study of Higher Education (ASHE) Conference. Louisville, KY: November 2007.

Discussant, "Contemporary Issues in Higher Education" (Scholarly Papers session), Association for the Study of Higher Education (ASHE), Anaheim, CA, November 2006.

Discussant, "Preparation and Retention" (Scholarly Papers session), Association for the Study of Higher Education (ASHE), Portland, OR, November 2003.

Editor, Association for the Study of Higher Education (ASHE) Newsletter (1994-1996)

Co-Chair, Research Papers, Association for the Study of Higher Education (ASHE) Annual Conference, Tucson, AZ (1994)

Discussant, "Impact of Campus Diversity on Student Learning and Tolerance," Association for the Study of Higher Education (ASHE) Annual Conference (November 1999)

Discussant, "Classroom Practices Promoting Multiculturalism," Association for the Study of Higher Education (ASHE) Annual Conference (November, 1998)

Session Chair, "Educating the Majority: Issues Facing Women Students," Association for the Study of Higher Education (ASHE) Annual Conference (November, 1995)

Session Chair, "Graduate Education: Influences and Experiences," Association for the Study of Higher Education (ASHE) Annual Conference (November, 1994)

Proposal Reviewer, Association for the Study of Higher Education (ASHE) (1993 to present)

#### American Educational Research Association (AERA)

Discussant, "Examining Factors that Impact Student Outcomes." Paper session at the American Educational Research Association (AERA) Conference. San Diego, CA: April 2022.

Invited speaker, AERA Division J Emerging Scholars Workshop Session on Work-Life Balance. American Educational Research Association (AERA) Conference. San Francisco, CA: April 2013.

Discussant, "Inside the Double Bind: Women of Color in Science, Technology, Engineering, and Mathematics." Symposium at the American Educational Research Association (AERA) Annual Meeting. New York, NY: March 2008.

Discussant, "Programs Promoting Political Competence and Engagement in College Students: A Multi-Dimensional Approach" (Symposium), American Educational Research Association, San Francisco, CA, April 2006.

Discussant, "Varieties of Instructional Approaches," American Educational Research Association Annual Conference (April 1999)

Proposal Reviewer, American Educational Research Association, Division J (1992 to present)

#### Other conferences or associations

Session Moderator, AAUW Invitational Conference, "Solving the Equation: The Variables for Women's Success in Engineering and Computing". Warrenton, VA, October, 2015.

Committee Member, Families 4 Computing, National Center for Women in Information Technology (NCWIT) (2014-2015)

Proposal Reviewer, Association for Institutional Research (2004 to 2006)

Session Chair, "Research and Education Infrastructure." National Science Foundation, Women & Science Conference, Washington, D.C. (December, 1995)

### *University and Departmental Service*

#### Service within the Graduate School of Education & Information Studies

##### *Service on Standing Committees*

Chair, Faculty Executive Committee (2016-17)

Member, Faculty Executive Committee (FEC) (2004-2006, 2009-2011, 2015-2017)

Member, Academic Personnel Committee (APC) (2005-2007, 2009-2010, 2013-2015)

Member, Education Executive Committee (2007-present)

Member, Committee on Degrees, Admissions, and Standards (CDAS) (2001-2004, 2007-2009, 2022-present); Committee chair (Fall 2008)

##### *Divisional/Program Leadership*

Faculty Director, Master's in Student Affairs (MSA) Program (2007-2022)

Division Head, Higher Education and Organizational Change (2010-2012)

Chair, Committee to develop Student Affairs M.Ed. program (MSA) (2005-2006)

Chair, Admissions and Fellowships Committee, Higher Education and Organizational Change Division (1997)

Chair, Professional Development Seminars, Higher Education and Organizational Change Division (1996-1997, 1998-1999)

##### *Additional Service*

Member, ad hoc committee, promotion to Professor Above Scale (2023)



Member, Undergraduate Major Curriculum Working Group on Contexts of Teaching, Learning, and Development (Fall 2023)

Member, ad hoc committee, promotion to Full Professor (2022-2023)

Chair, ad hoc committee, promotion to Associate Professor (2022)

Search committee, Department of Education Environmental Justice Cluster Search (2021-2022)

Advisory Board, STEM+C3, UCLA Center X (2020-present)

Member, GSEIS Space Committee (2019-2020)

Member, RAC Committee (2018-2019)

Formal Mentor for Assistant Professor (2016-2022)

Chair, Ad hoc committee, 4<sup>th</sup> year appraisal of Assistant Professor (2021-2022)

Ad hoc committee, promotion to Associate Professor (2019-2020)

Chair, ad hoc committee, promotion to Associate Professor (2018-2019)

Ad hoc committee, 4<sup>th</sup> year appraisal of Assistant Professor-in-Residence (2017)

Chair, Search Committee for Assistant Professor of Student Affairs/HEOC (2015-2016)

Chair, Ad hoc committee, 4<sup>th</sup> year appraisal of Assistant Professor-in-Residence (2015)

Member, GSE&IS Professional Degree Supplemental Tuition School-wide Committee (2015-2016)

Chair, Mentoring committee for Assistant Professor (2016-2022)

Chair, Public Dissertation Defenses Committee (2014-2015)

Ad hoc committee, Full Professor recruitment (2014-2015)

Ad hoc committee, promotion to Full Professor (2014)

Search Committee, GSEIS Search for Director of Learning Opportunities & Programs (2012)

Ad hoc committee, promotion to Full Professor (Fall 2013)

Ad hoc committee, promotion to Associate Professor (Fall 2012)

Chair, Ad hoc committee, 4<sup>th</sup> year appraisal for Assistant Professor (2011- 2012)

Member, Ad hoc committee, 4<sup>th</sup> year appraisal for Assistant Professor (2010)

Chair, Mentoring Committee for Assistant Professor (2009 to 2016)

Chair, Ad hoc committee, 4<sup>th</sup> year appraisal for Assistant Professor (2008-2009)

Member, Task Force on Ladder Faculty Involvement in Professional Programs (2008)

Chair, Ad Hoc Committee for Appointment of Adjunct Professor (2007)

Member, Search Committee for MSA faculty position (2007-08)

Member, Search Committee for faculty position focusing on community colleges (2005-2006)

Faculty Coordinator, Project ADVANCE (Advancing the Dissertation via Action and Collaborative Engagement) (2004-2006)

Selection committee, Project ADVANCE (Advancing the Dissertation via Action and Collaborative Engagement) (2004-2007)

Member, Committee to Evaluate Departmental Methods Requirements (Tier I/II) (2002-2004)

Member, Education Academic Programs Work Group for the Eight-Year Review (2002)

Co-Chair, UCLA Distinguished Teaching Award Committee, Department of Education (2000-2001)

Service within the University

Committee Chair, University-wide Celebration of the Life of Alexander W. Astin (2022)

Council of Faculty Chairs, UCLA Academic Senate (2016-17)

Advisory Board, UCLA Extension College Counseling Certificate Program (2015-2017)

Committee Chair, University-wide Celebration of the Life of Helen S. Astin (2015-16)

Faculty Advisor/Advisory Board, Alpha Chi Omega, UCLA (2014-2017)

Speaker, Panhellenic Career Night, UCLA (January 2015)

Selection Committee, Jean Stone Dissertation Award, Center for the Study of Women (2015)

Invited panelist, Session on women in academia, for CSU Pre-Doctoral program and LMU McNair Scholars program (July 2015)

Member, Social Sciences, Humanities, Education & Information Science Research Informatics Strategic Planning Committee (2012)

Member, Selection Committee, Jean Stone Dissertation Research Fellowship, Center for the Study of Women (2012)

UCLA Taskforce on Support for Undergraduate Learning Assessment (2010)

Member, Capstone Workgroup, UCLA College of Letters and Science (2007-2010)

Moderator, "On Campus." Paper session at the "Thinking Gender" Conference, Center for the Study of Women, UCLA (February 2008).

Member, Selection Committee, Interdisciplinary Relationship Science Program Fellowship Selection Committee (2005-2008)

Faculty representative, UCLA Senior Survey Steering Committee, UCLA (2004-2006)

Member, General Education Evaluation Advisory Group, College of Letters and Science, UCLA (2001-2002)

Planning Committee, UCLA Women 4 Change 2000 Conference (1999-2000)

#### Service within the UC System

Advisory Board, UC ADVANCE PAID Research Scholars Advisory Board, University of California system (2011 – 2015)

Discussant, "Building Capacity for Institutional Transformation in the 21st Century: Women of Color in STEM and SBS Fields." UC ADVANCE PAID Roundtable. October 2012, Irvine, CA

Steering Committee, University of California Undergraduate Experiences Study (UCUES), Center for Studies in Higher Education, University of California Berkeley (2001-2012)

Member, Conference Organizing Committee, "A New Generation of University Students: Understanding the Student Experience and Seeking Opportunities to Translate Analysis into Practice" (Fall 2007-Spring 2008)

Moderator, "Undergraduate Lives: Curricular and Extracurricular." Panel at the SERU-UCUES Research Symposium, UCLA, May 2008.

### *Additional Service*

Search Committee for new editor of *Research in Higher Education*

Research Mentor, Centre of Excellence for Equity in Higher Education, University of Newcastle (Australia) (2018-2019)

### *Community Service*

Expert advisor, AP Research, University High School	2022-23
Canvassing, door-to-door (Democratic Party) Get out the Vote	2020
Mission for Arizona (Democratic Party) Get out the Vote Calls	2020
Volunteer, California Democratic Party	2018
Panelist, Career Discovery Day, Milken Community High School	2015, 2016
Principal's Liaison Council. Milken Community High School	2014-2015
Measuring Success Data Subcommittee, Sinai Akiba Academy	2014-2015
Community Development Team, Sinai Akiba Academy	2011-2014
PR & Recruitment Committee, Sinai Akiba Academy	2009-2012
Education Committee, Sinai Akiba Academy	2005-2008
Volunteer Assessment Consultant, Sinai Akiba Academy	2005-2006
Hillel Pre-college Task Force	2003-2004
Planning Committee, FACETS college admissions conference	2002

### *Consulting*

Consultant, Bill and Melinda Gates Foundation (2022)

Consultant, Scripps Research Institute (2019-2020)

Consultant, Women's College Coalition (2011-2015)

Statistical consultant, Teen Line, Cedars-Sinai Medical Center (2014)

Consultant, University of California Office of the President. "University of California Undergraduate Experiences Survey (UCUES)," (2005-2006).

Consultant, North Dakota State University, "Building a Caring Community of Leaders and Problem-solvers (CCLP): A National Model for Reconsidering the Role of Higher Education in Society," funded by the Bush Foundation (2002-2006).

Consultant, Project Kaleidoscope, "Then, Now, & In the Next Decade: A Commentary on Strengthening Undergraduate Science, Mathematics, Engineering and Technology Education," funded by the National Science Foundation, the U.S. Department of Education, and others.

## CONFERENCE PRESENTATIONS

Sax, L. J., Nhien, C., & Stormes, K. N. (2024). A quantitative methodological review of research on broadening participation in computing, 2005-2022. Presentation at the annual meeting of the Special Interest Group for Computer Science Education (SIGCSE). Portland, OR: March 2024.

Sax, L. J., Stormes, K. Pereyra, M. *The Effect of Course Modality on Students' Interest and Confidence in Computing*. Paper presented at the annual meeting of the Association for the Study of Higher Education (ASHE). Minneapolis, MN, November, 2023.

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

Sax, L. J., Newhouse, K. N. S., Goode, J., Nakajima, T. M., Skorodinsky, M., Sendowski, M. *Can Computing be Diversified on "Principles" Alone? Exploring the Role of AP Computer Science Courses in Students' Major and Career Intentions*. Invited Paper Presented at the 54<sup>th</sup> annual SIGCSE Technical Symposium, Toronto, Canada, March 2023.

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.

Sax, L.J. & Lehman, K.J. (2020). *Gaining Momentum with BRAID Research*. Presentation at the Grace Hopper Celebration of Women in Computing. (Conference held virtually). October 2020.

Sax, L. J., Wofford, A. M., George, K. L., Ramirez, D., & Nhien, C. (2020). *Advancing equity in graduate pathways: Examining the factors that sustain and develop computing graduate aspirations*. Accepted for presentation at the American Educational Research Association Annual Meeting, San Francisco, CA, United States (Conference canceled).

Sax, L. J., Newhouse, K. N. S., Goode, J., Skorodinsky, M., Nakajima, T. M., & Sendowski, M. (2020). *Does AP CS Principles Broaden Participation in Computing? An Analysis of APCSA and APCSP Participants*. Accepted for presentation at the annual meeting of the

Special Interest Group for Computer Science Education (SIGCSE). Portland, OR: March 2020. (Conference canceled).

Sax, L. J., Blaney, J. M., Zavala, C., & Newhouse, K. N. S. (2020). *Who Takes Intro Computing? Examining the Degree Plans of Introductory Computing Students in Light of Booming Enrollments*. Presentation at the annual meeting of the RESPECT Conference (Research on Equity and Sustained Participation in Engineering, Computing, and Technology). Portland, OR: March 2020.

Lehman, K. J., Wofford, A. M., Sendowski, M., Newhouse, K. N. S., & Sax, L. J. (2020). *Better Late Than Never: Exploring Students' Pathways to Computing in Later Stages of College*. Presentation at the annual meeting of the Special Interest Group for Computer Science Education (SIGCSE). Portland, OR: March 2020.

Lehman, K., Karpicz, J., Nakajima, T., Sax, L.J., & Rozhenkova, V. (2019). *"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 (ASHE). Portland, OR: November 2019.

Sax, L.J., George, K.L., Wofford, A.M., & Sundar, S. (2019). *The Tech Trajectory: Examining the Role of College Environments in Enhancing a Diverse Pipeline to Computing Careers*. Paper presented at the annual meeting of the Association for the Study of Higher Education (ASHE). Portland, OR: November 2019.

Sax, L.J., Lehman, K.J. & George, K. (2019). *Reflections on Five Years of BRAID Research*. Presentation at the Grace Hopper Celebration of Women in Computing. Orlando, FL: October 2019.

George, K. L., Sax, L. J., & Sundar, S. (2019). *Visualizing institutional data to measure success toward diversity. Discussion workshop presented at the annual conference for the Association for Institutional Research*, Denver, CO: May 2019.

Blaney, J. M., Sax, L. J., Feldon, D. & Gates, A. (2019). *Broadening participation in computing: Putting our work in context*. Presentation at the annual meeting of the Special Interest Group for Computer Science Education (SIGCSE). Minneapolis, MN: February 2019.

Camp, T., DuBow, W., Levitt, D., Sax, L.J., Taylor, V. & Lewis, C. (2019). *The new NSF requirement for Broadening Participation in Computing (BPC) plans: Community Advice and Resources*. Presentation at the annual meeting of the Special Interest Group for Computer Science Education (SIGCSE). Minneapolis, MN: February 2019.

Sax, L. J. & Lehman, K. L. (2019). *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: February 2019.

Zimmerman, H. B., Toven-Lindsey, B., Sax, L. J., Lehman, K. L., & Blaney, J. M. (2019). *Building Momentum: How Department Chairs Lead Initiatives to Broaden Participation in Computer Science*. Presentation at the annual meeting of the RESPECT Conference (Research on Equity and Sustained Participation in Engineering, Computing, and Technology). Minneapolis, MN: February 2019.

Sax, L.J. & Lehman, K.J. (2018). *BRAID Research: Updates on Introductory Computing Students from Year 3 of Data Collection*. Presentation at the Grace Hopper Celebration of Women in Computing. Houston, TX: October 2018.

Sax, L. J., George, K. L., & Harris, D. (2018, April). *Reframing the Representation of Black Students in Undergraduate Computing*. Paper presented at the 2018 annual meeting of the American Educational Research Association, New York, NY.

Sax, L.J. & Blaney, J. (2017). *BRAID Research: Updates on Introductory Computing Students from Year 2 of Data Collection*. Presentation at the Grace Hopper Celebration of Women in Computing. Orlando, FL: October 2017.

Sax, L. J., Lehman, K. J., & Zavala, C. (2017). *Examining the enrollment growth: Non-CS majors in CSI courses*. Presentation at the annual meeting of the Special Interest Group for Computer Science Education (SIGCSE). Seattle, WA: March, 2017.

Blaney, J., Sax, L. J., & Chang, C. (2017). *How being a “winner” affects future responses: A discussion of incentives in longitudinal survey research*. Presentation at the annual meeting of the Association for Institutional Research, Washington, DC: May 2017.

Sax, L.J. and colleagues (2016). *Sharpening the Lens: Leveraging Research on Undergraduate and Graduate Women in STEM*. Interactive symposium presented at the annual meeting of the Association for the Study of Higher Education. Columbus, OH: November 2016.

Zimmerman, H.B., Toven-Lindsey, B., Sax, L.J., Lehman, K.J., & Blaney, J.M. (2016). *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: November 2016.

Sax, L.J. & Lehman, K.J. (2016). *BRAID Research: New Insights on Introductory Computer Science Course Students*. Presentation at the Grace Hopper Celebration of Women in Computing. Houston, TX: October 2016.

Sax, L. J. (2016) and colleagues. *BRAID: A Pilot Initiative to Achieve More Diverse Undergraduate CS Departments*. Panel presentation at the Richard Tapia Celebration of Diversity in Computing. Austin, TX: September 2016.

- Sax, L. J., Lim, G., Jacobs, J.A., Lehman, K., & Paulson, L. (2015). *Reversal of the Gender Gap: The Biological Sciences as a Unique Case within STEM*. Paper presented at the 2015 Annual Conference of the Association for the Study of Higher Education. Denver, CO: November 2015.
- Sax, L. J., Zimmerman, H. B., Blaney, J. M., Toven-Lindsey, B., & Lehman, K. (2015). *Diversifying Computer Science Departments: How Department Chairs Become Change Agents for Women and Underrepresented Minority Students*. Paper presented at the 2015 Annual Conference of the Association for the Study of Higher Education. Denver, CO: November 2015.
- Kim, Y. K., & Sax, L. J. (2015). *The Effect of Positive Faculty Support on Mathematical Self-Concept for Male and Female Students in STEM Majors*. Paper presented at the 2015 Annual Conference of the Association for the Study of Higher Education. Denver, CO: November 2015.
- Sax, L. J. (2015) and colleagues. *A "World Café" on the Nuanced Experiences of Women Across STEM: Theoretical and Methodological Considerations of Disciplinary Differences and Intersectionality in Computer Science and Engineering*. Interactive symposium at the 2015 Annual Conference of the Association for the Study of Higher Education. Denver, CO: November 2015.
- Sax, L. J. (2015). Trends in the Characteristics of Female Computer Science Majors. Poster presentation at the National Science Foundation ADVANCE/GSE Workshop. Baltimore, MD: May 2015.
- Lehman, K. & Sax, L. J. (2015). *Who Are Female Computer Science Majors? Identifying their Unique Characteristics and Long-Term Trends*. Paper presented at the 2015 annual meeting of the American Educational Research Association. Chicago, IL: April 2015.
- Sax, L. J., Lehman, K., Jacobs, J.A., Kanny, A., Lim, G., Paulson, L. & Zimmerman, H. (2015). *Anatomy of an Enduring Gender Gap: The Evolution of Women's Participation in Computer Science*. Paper presented at the 2015 annual meeting of the American Educational Research Association. Chicago, IL: April 2015.
- Sax, L.J., Kanny, A., Jacobs, J., Whang, H., Weintraub, D.S. & Hroch, A. (2014). *Understanding the Changing Dynamics of the Gender Gap in Undergraduate Engineering Majors: 1971-2011*. Paper presented at the Association for the Study of Higher Education (ASHE) Conference. Washington, DC: November 2014.
- Sax, L.J. & Lozano, J. B. (2014). *Students at Women's Colleges: An Evolving Population from 1971-2011*. Poster presented at the Association for the Study of Higher Education (ASHE) Conference. Washington, DC: November 2014.



- Jacobs, J. A. & Sax, L. J. (2014). *STEM Majors, the Liberal Arts and the Great Recession*. Paper presented at the American Educational Research Association (AERA). Philadelphia, PA: April 2014.
- Jacobs, J. A., Sax, L. J. & Ahmad, S. (2014). *Planning a Career in Engineering: Gender, College Major and Parental Influence*. Paper presented at the American Educational Research Association (AERA). Philadelphia, PA: April 2014.
- Sax, L. J. & Lehman, K. (2013). *Navigating Information Overload: Data Visualization as a Tool for Advancing Scholarship*. Presidential Session at the annual meeting of the Association for the Study of Higher Education (ASHE). St. Louis, MO: November 2013.
- Sax, L. J., Kanny, A., Riggers-Piehl, T. & Whang, H. (2013). "But I'm Not Good at Math": *The Changing Salience of Mathematical Self-Concept in Shaping Women's and Men's STEM Aspirations*. Paper presented at the annual meeting of the Association for the Study of Higher Education (ASHE). St. Louis, MO: November 2013.
- Sax, L. J. & Weintraub, D. S. (2013). *Hold on Tight or Let Go: Exploring the Parental Role in First-Year Students' College Adjustment*. Paper presented at the annual meeting of the American Educational Research Association (AERA). San Francisco, CA: April, 2013.
- Kim, Y. & Sax, L. J. (2013). *The Effects of Student-Faculty Interaction on Academic Self-Concept: Does Academic Major Matter?* Paper presented at the annual meeting of the American Educational Research Association (AERA). San Francisco, CA: April, 2013.
- Sax, L. J. & Weintraub, D. S. (2012). *Exploring the Parental Role in First-Year Students' Emotional Health: Considerations by Gender*. Paper presented at the annual meeting of the Association for the Study of Higher Education (ASHE). Las Vegas, NV: November, 2012.
- Kanny, A., Sax, L. J. & Riggers-Piehl, T. (2012). *Investigating 40 Years of Trends in STEM Research: How Explanations for the Gender Gap Have Evolved Over Time*. Paper presented at the annual meeting of the Association for the Study of Higher Education (ASHE). Las Vegas, NV: November, 2012.
- Sax, L. J., Jacobs, J. A., Riggers-Piehl, T. A., & Lim, G. (2011). *What Explains the Gender Gap in Computer Science Majors? Examining Shifts in Predictors Between 1976-2006*. Paper presented at the annual meeting of the Association for the Study of Higher Education (ASHE). Charlotte, NC: November, 2011.
- Sax, L. J. and Shapiro, C. (2011). *Antecedents to the Major for Women in STEM*. Panel presentation at the annual meeting of the Association for the Study of Higher Education (ASHE). Charlotte, NC: November, 2011.
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- Sax, L. J., Jacobs, J. A. & Riggers, T. (2010). *Women's Representation in Science and Technology (STEM) Fields of Study, 1976-2006*. Paper presented at the Association for the Study of Higher Education (ASHE) Conference. Indianapolis, IN: November 2010.
- Sax, L. J., Riggers, T. A., & Eagan, M. K. (2010.) *The Role of Single-Sex Secondary Education in the Academic Engagement of College-Bound Women: A Multilevel Analysis*. Paper presented at the annual meeting of the American Educational Research Association, Denver, CO, May, 2010.
- Kim, Y. & Sax, L. J. (2009). *Are the Effects of Student-Faculty Interaction Dependent on Academic Major? An Examination Using Multilevel Modeling*. Paper presented at the Association for the Study of Higher Education (ASHE) Conference. Vancouver, BC: November 2009.
- Sax, L. J., Shapiro, C., & Eagan, K. (2009). *The Value of Single-Sex Secondary Education in Promoting Mathematical and Computer Confidence Among Female College Students*. Paper presented at the Association for the Study of Higher Education (ASHE) Conference. Vancouver, BC: November 2009.
- Sax, L. J., Wartman, K. L., Kiyama, J. M., & Wolf, D. S. (2009). *Parental Involvement in Higher Education: Advancing the Next Generation of Research*. Panel presentation at the Association for the Study of Higher Education (ASHE) Conference. Vancouver, BC: November 2009.
- Kim, Y. & Sax, L. J. (2009). *A Multilevel Model of Disciplinary Differences in the Association of Student-Faculty Interaction and GPA in Research Universities*. Paper presented at the SERU-UCUES Research Symposium, UC Berkeley, May 2009.
- Sax, L. J. (2009). *The Gender Gap in College: What High Schools Should Know About their Female and Male Graduates*. National Association of Independent Schools Conference. Chicago, IL: February 2009.
- Sax, L. (2008). *Gender Differences in College: Beyond the Enrollment Gap*. National Association for College Admission Counseling. Seattle, WA: September 2008.
- Harper, C., Wolf, D. & Sax, L. J. (2008). *The Relationship Between Parental Involvement and College Students' Personal, Academic, and Social Development*. Paper presented at the SERU-UCUES Research Symposium, UCLA, May 2008.
- Sax, L. J. & Eznekier, C. (2008). *The Impact of Independent Single Sex Education on Women's Interest in Mathematics and Science*. Paper presented at the annual meeting of the American Educational Research Association (AERA). New York, NY: March 2008.
- Harper, C., Wolf, D. & Sax, L. J. (2007). *The Relationship Between Parental Involvement and College Students' Personal, Academic, and Social Development*. Panel presentation at the Association for the Study of Higher Education (ASHE) Conference.

Louisville, KY: November 2007.

Wolf, D., Harper, C. & Sax, L. J. (2007). *An Exploratory Study of Parent Involvement in the Academic Lives of College Students*. Panel presentation at the Association for the Study of Higher Education (ASHE) Conference. Louisville, KY: November 2007.

Kim, Y. & Sax, L. J. (2007). *Student-Faculty Interaction in Research Universities: Differences by Student Gender, Race, Income, and First-Generation Status*. Paper presented at the Association for the Study of Higher Education (ASHE) Conference. Louisville, KY: November 2007.

Kim, Y. & Sax, L. J. (2007). *Different Patterns of Student-Faculty Interaction in Research Universities: An analysis by Student Gender, Race, SES, 1st Generation Status, and Major Field*. Paper presented at the SERU-UCUES Research Symposium on the Undergraduate Experience in the Postmodern University, UC Berkeley, April 2007.

Wolf, D., Harper, C., & Sax, L. J. (2007). *An Exploratory Study of Parental Involvement in the Academic Lives of College Students*. Paper presented at the SERU-UCUES Research Symposium on the Undergraduate Experience in the Postmodern University, UC Berkeley, April 2007.

Sax, L. J. & Arms, E. (2006). *Gender Differences Among Freshmen and Seniors*. Paper presented at the American Educational Research Association Conference. San Francisco, CA: April 2006.

Sax, L. J. & Harper, C. (2005). *Origins of the Gender Gap: Pre-College and College Influences on the Differences between Men and Women*. Paper presented at the Association for the Study of Higher Education (ASHE) Conference. Philadelphia, PA: November 2005.

Sax, L. J. (2005). *Using Entering Student Data to Estimate Campus Retention Rates*. Panel presentation at the Association for Institutional Research (AIR) Conference. San Diego, CA: May 2005.

Sax, L. J. & Harper, C. (2005). *Origins of the Gender Gap: Pre-College and College Influences on the Differences between Men and Women*. Paper presented at the Association for Institutional Research (AIR) Conference. San Diego, CA: May 2005.

Sax, L. J., Bryant, A. N., & Harper, C. (2004). *The Differential Effects of Student-Faculty Interaction on College Outcomes for Women and Men*. Paper presented at the Association for the Study of Higher Education (ASHE) Conference. Kansas City, MO: November 2004.

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- Sax, L. J., Gilmartin, S.K., Lee, J.J., & Hagedorn, L.S. *Using Web Surveys to Reach Community College Students: An Analysis of Response Rates and Response Bias*. Paper presented at the annual meeting of the Association for Institutional Research (AIR). Tampa, FL: May 2003.
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- Sax, L. J. & Korn, W. S. (2001). *Using CIRP to Answer Questions about Your Students*. Workshop at the annual meeting of the Association for Institutional Research, Long Beach, CA, June 2001.
- Hagedorn, L. S., Sax, L. J. and others. (2001). *Year One of a Major Project: OERI's Transfer and Retention of Urban Community College Students*. Panel presentation at the annual meeting of the Association for Institutional Research, Long Beach, CA, June 2001.
- Sax, L. J., Bryant, A. & Gilmartin, S. (2001). *The Advantages and Challenges of Web Survey Administration on College Campuses*. Roundtable presentation at the annual meeting of the Association for Institutional Research, Long Beach, CA, June 2001.

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- Sax, L. J., Gilmartin, S. & Swing, R. (2001). *Assessing the First Year of College: Creating Information that Guides Policy and Program Development*. Panel presentation at the annual First Year Experience West conference, Costa Mesa, CA, January 2001.
- Sax, L. J. & Gilmartin, S. (2000). *Development of the First Year College Student: What We've Learned, How We've Learned, and Where We're Headed*. Symposium at the annual meeting of the Association for the Study of Higher Education, Sacramento, CA, November 2000.
- Sax, L. J., Ceja, M., & Teranishi, R. T. (1999). *Technological Preparedness Among Entering Freshmen: The Role of Race, Class, and Gender*. Paper presented at the annual meeting of the Association for the Study of Higher Education, San Antonio, TX, November 1999.
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- Sax, L. J. (1999). *Gender, Ethnicity, & Opposition to Affirmative Action: A Focus on Higher Education*. Symposium at the annual meeting of the American Educational Research Association, Montreal, Canada, April 1999.
- Hagedorn, L. S. & Sax, L. J. (1999). *Marriage, Children, and Aging Parents: The Role of Family-Related Factors in Faculty Job Satisfaction*. Paper presented at the annual meeting of the American Educational Research Association, Montreal, Canada, April 1999.
- Sax, L. J. (1998). *How Service Affects Students: An Evaluation of a Federally Funded Service Learning Program*. Paper presented at the annual meeting of the Association for the Study of Higher Education, Miami, FL, November 1998.
- Schiff, T. W. & Sax, L. J. (1998). *Altruism Versus Careerism: The Motivation Behind Community Service Involvement*. Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA, April 1998.
- Sax, L. J. (1996). *The Impact of College on Post-College Commitment to Science Careers: Gender Differences in a Nine-Year Follow-Up of College Freshmen*. Paper presented at the annual meeting of the Association for the Study of Higher Education, Memphis, Tennessee, November 1996.
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- Sax, L.J. (1994). *Moving Beyond the 'Power' Hypothesis: The Sexual Harassment of Faculty Women and Men*. Paper presented at the annual meeting of the Association for the Study of Higher Education, Tucson, AZ, November 1994.
- Sax, L. J. (1994). *The Dynamics of Tokenism: How College Students Are Affected by the Proportion of Women in Their Major*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA, April 1994.
- Astin, H. S., & Sax, L. J. (1994). *College Women in Science: Personal and Environmental Influences on the Development of Scientific Talent*. Commissioned paper for the Sloan Conference on Women in Science, Mathematics, and Engineering. Wellesley College, Wellesley, MA, May, 1994.
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- Sax, L. J. (1993). *The Development of Mathematical Self-Concept During College: Unique Benefits for Women in Math-Intensive Majors*. Paper presented at the annual meeting of the Association for the Study of Higher Education, Pittsburgh, PA, November 1993.
- Sax, L. J. (1992). *Self-Confidence in Math: How and Why Do Men and Women Differ During the College Years?* Paper presented at the annual meeting of the Association for the Study of Higher Education, Minneapolis, MN, November 1992.
- Sax, L. J. (1992). *Predicting Persistence of Science Career Aspirations: A Comparative Study of Male and Female College Students*. Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA, April 1992.
- Sax, L. J., & Chun, M. L. (1991). *Differential Impacts of Ethnic Studies on Black and White College Students' Racial Attitudes: Evidence from a National Longitudinal Study*. Paper presented at the annual meeting of the Association for the Study of Higher Education, Boston, MA, November 1991.