

CURRICULUM VITA

Han Bum Lee

Assistant Professor of Research
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Education

Ph.D. in Applied Economics, University of Illinois at Urbana-Champaign, 2015
B.A. in Economics, University of Illinois at Urbana-Champaign, 2010

Professional Experience

2023 - present	<i>Assistant Professor of Research</i> , Department of Educational Psychology, University of Texas at San Antonio
2019 - 2022	<i>Special Research Associate</i> , Urban Education Institute, University of Texas at San Antonio
2018 - 2019	<i>Visiting Assistant Professor</i> , Department of Economics, University of Texas at San Antonio
2015 - 2018	<i>Post-Doctoral Research Fellow</i> , Department of Agricultural and Applied Economics, University of Illinois at Urbana-Champaign

Professional Activities

Associate Director, Urban Education Institute (UEI) at UTSA. UEI is a university-based research center that aims to provide evidence-based solutions to help address problems facing our education and workforce ecosystem. We work in partnership with community stakeholders to identify, monitor, and evaluate programmatic practices and outcomes. We have been actively engaged in partnerships with many schools and educational nonprofit organizations to confront emerging educational challenges and strengthen support for our communities.

Data Council Member at LONESTARP3 (2024-Present). It focuses on key educational issues in Texas, particularly those related to data access. LONESTARP3 brings together researchers, practitioners, and policy advocates across Texas through a network of 11 member organizations, including colleges of education, education nonprofits, and school systems rooted in local communities. It aims to make promising research more accessible, understandable, and actionable—ultimately advancing educational practices, informing policy reform, and transforming educational systems.

Grants and Contracts

2025 - 2026	Exploring Dual Credit in Texas. University of Texas at Austin (\$153,523). Role: Principal Investigator.
2025 - 2026	Unified Advising Guide Evaluation Project. UP Partnership (\$40,000). Role: Co-PI.
2025 - 2026	Dyslexia. Celebrate Dyslexia (\$50,000). Role: Principal Investigator.
2025 - 2026	Understanding Students' Pursuit and Attainment of STEM Degrees Across Race and Gender Intersections. SPENCER (\$50,000). Role: Co-PI.
2022 - 2025	Ready to Work Evaluation. The City of San Antonio (\$342,632.00). Role: Principal Investigator.
2023 - 2024	Scholar Success Program Evaluation. San Antonio Educational Partnership. (\$136,716). Role: Co-PI.
2023	Picture of Master of Public Health Programs in Texas. The University of Texas Health Science Center at San Antonio (\$22,529). Role: Principal Investigator.
2023	CAST Teacher Retention NIC 2 pt 2. The CAST Network. (\$32,315). Role: Co-PI.
2020 - 2023	Victoria: The AI Assistant for College Advisors. Greater Texas Foundation (\$262,131.00). Role: Principal Investigator.
2020 - 2023	SA Talent Internship Experience Program Research Fund. SA Talent SA Works (\$100,276). Role: Co-PI.
2022 - 2023	80/20 Talent Retention Project. 80/20 Foundation (\$43,500). Role: Principal Investigator.
2021 - 2023	Basecamp. H E Butt Foundation (\$128,700). Role: Principal Investigator.
2020	Pre-K 4 SA Impact Evaluation. City of San Antonio. (\$42,500). Role: Co-PI.

Publications

Peer Reviewed Journal Articles

(* When an official impact factor is unavailable from the journal, the Scientific Journal Rankings (SJR) are reported instead.)

1. **Lee, H. B.,** Davis, J., Nichols, S. L., & Victor, J. Navigating Higher Education: How AI Supports Special Education Students in College Applications in Texas. *Remedial and Special Education*. (**R&R**). [Sage Journals]
2. Victor, J., Villarreal, V., **Lee, H. B.,** & Nichols, S. L. Addressing Teacher Mental Health Knowledge and Skills: An Exploration of Teacher SEL Supports in Two High Schools. *School Mental Health*. (**R&R**). [Springer Nature]
3. **Lee, H. B.,** Pena, H., Li, Y., & Cheak-Zomora, N. (2025). Integrating Chatbots: Supporting the College Transition for Autistic Students in Texas. *Journal of Autism*

and Development Disorders, 1-14. [Springer Nature]

4. **Lee, H. B.**, Bahena, S., & Nichols, S. L. (2025). Effects of Early AP Coursetaking on High School Outcomes and College Enrollment for Less Academically Prepared Students. *Education Policy Analysis Archives*, 33. [Arizona State University]
5. **Lee, H. B.**, McNamara, P. E., Ho, H. (2023). Road Accessibility and Agricultural Extension Services in Malawi. *Agriculture & Food Security*.12,3. [Springer Nature]
6. **Lee, H. B.**, & Villarreal, M. U. (2023). Should Students Falling Behind in School Take Dual Enrollment Courses? *Journal of Education for Students Placed at Risk*, 1-35. [Taylor & Francis]
7. **Lee, H. B.**, & McNamara, P. E. (2022). Strengthening Nutrition and Improving Livelihoods through Linking Women Farmers to Markets. *Agriculture and Food Security*. 11(1), 1-14. [Springer Nature]
8. **Lee, H. B.**, & McNamara, P. E. (2022). The Effect of Work Requirements on Mental Health of Subsidized Housing Recipients: Evidence from the Housing Authority of Champaign County, Illinois. *Journal of Policy Practice and Research*, 1-19. [Springer Nature]
9. Greenlee, A. J., **Lee, H. B.**, & McNamara, P. E. (2018). Performance of small public housing authorities: Opportunities and barriers. *Cityscape*, 20(3), 257-276. [US Department of Housing and Urban Development]
10. **Lee, H. B.**, & McNamara, P. E. (2018). Achieving Economic Self- Sufficiency Through Housing Assistance: An Assessment of a Self-Sufficiency Program of the Housing Authority of Champaign County, Illinois. *Housing Policy Debate*, 28(6), 876- 900. [Taylor & Francis]
11. **Lee, H. B.**, & McNamara, P. E. (2017). Deconcentrating the poor via public housing policy: What really matters? *Socio-Economic Planning Sciences*, 59, 67-78. [Elsevier]
12. **Lee, H. B.**, McNamara, P. E., & Bhattacharyya, K. (2017). Women Farmers' Access to Integrated Livestock Extension Services and the Impact on Livelihoods in Bangladesh. *Journal of Gender, Agriculture and Food Security (Agri-Gender)*, 2(302-2019-3508), 19-42.
13. McNamara, P. E., **Lee, H. B.**, & Strick, C. (2017). Promoting Economic Self-Sufficiency Via HUD'S Moving to Work Program: Evidence from The Housing Authority of Champaign County. *Illinois Municipal Policy Journal*, 2(1), 49-68. [DePaul University]

Book Chapter

14. McNamara, P. E., & **Lee, H. B.** (2018). Are rural areas underserved by HUD's subsidy programs?. *Rural Housing and Economic Development*, 24-40.

Under Review

1. **Lee, H. B.** & Nichols, S. L. From Middle School to Charter High School: Exploring Curricular Pathways and Postsecondary Education in Texas.
2. **Lee, H. B.** & Bahena, S. The Unintended Costs of Choice: How Texas's Foundation High School Program Affected the Timing of Algebra II and Calculus Completion in High Schools.
3. Thacker, I., **Lee, H. B.**, & Cimpian, J. R. Gender Disparities Across STEM and Humanities Achievement Distributions: A Rejection of the Comparative Advantage Hypothesis.

Policy Reports in The Past Five Years

(Certain professional reports are submitted to funders primarily to improve internal program improvement and, as such, often remain confidential rather than being disseminated publicly.)

1. (2023 to Present). *San Antonio Ready to Work: Quarterly Evaluation Report*. Urban Education Institute, University of Texas at San Antonio.
2. (2023 to Present). *San Antonio Ready to Work: Annual Evaluation Report*. Urban Education Institute, University of Texas at San Antonio.
3. (2024). Navigating new beginnings: A mixed methods study of the experiences of first-generation college students receiving supports from a local scholarship program. Urban Education Institute, University of Texas at San Antonio.
4. (2023) *Empowering Futures: Examining the Relationship Between High School Career and Technical Education and College Enrollment in Bexar County*. Urban Education Institute, University of Texas at San Antonio.
5. (2023). *Navigating the Path to Higher Education: Assessing the Long-Term Effects of Dual Credit Programs on College Success*. Urban Education Institute, University of Texas at San Antonio.
6. (2023). *Integrating a Social-Emotional Wellness Coach in a School Setting to Promote the Prevention and Early Identification of Mental Health Issues in Youth: Evidence from Two High Schools in San Antonio*. Urban Education Institute, University of Texas at San Antonio.
7. (2023). *ADVi the Virtual Advisor: A Mixed Methods Investigation of Perception and Engagement Among Stakeholders in Texas*. Urban Education Institute, University of Texas at San Antonio.
8. (2022). *The Impact of a High-Quality Pre-Kindergarten Program on Students' Educational Achievement in Elementary School: Evidence from Pre-K 4 SA in San Antonio*. Urban

Education Institute, University of Texas at San Antonio.

9. (2021). *Education Pays, But It Pays More for Some Than Others: A Correlational Study of Educational Attainment, Industry, and Earnings*. Urban Education Institute, University of Texas at San Antonio.
10. (2021). *Public Pre-K Supply and Demand in Bexar County*. Urban Education Institute, University of Texas at San Antonio.
11. (2021). *Helping Youth Realize Their College Dreams: An Impact Study of the San Antonio Area Foundation's Scholarship Program*. Urban Education Institute, University of Texas at San Antonio.
12. (2020). *Teaching & Learning in the Time of COVID-19. Research Brief: Challenges and Solution from Alamo Colleges District Faculty and Students*. Urban Education Institute, University of Texas at San Antonio.
13. (2020). *Teaching & Learning in the Time of COVID-19. Research Brief: Early Challenges and Solutions from Teachers*. Urban Education Institute, University of Texas at San Antonio.
14. (2020). *Teaching & Learning in the Time of COVID-19. Research Brief: Student Engagement and Learning*. Urban Education Institute, University of Texas at San Antonio.
15. (2020). *Growing Tomorrow's Healthcare Providers and Leaders: An Impact Study of the Baptist Health Foundation of San Antonio Scholarship Program*. Urban Education Institute, University of Texas at San Antonio.
16. (2020). *Impact Study of Goodwill San Antonio's Good Careers Academy Job Training Program*. Urban Education Institute, University of Texas at San Antonio.

Teaching Experience (Independent)

- EDP 7103: Multivariate Statistics (2024-25), UTSA
(Cumulative Course Evaluation: 4.83/5)
- EDP 6413: Applied Regression Analysis (2023-2025), UTSA
(Cumulative Course Evaluation: 4.74/5)
- ECO 3033: Economics of Managerial Decisions (Spring 2019), UTSA
(Course Evaluation: 4.44/5)
- ECO 2023: Introductory Microeconomics (Spring 2019), UTSA
(Course Evaluation: 4.17/5)
- ECO 6013: Microeconomic Theory (Fall 2018), UTSA
(Course Evaluation: 4.03/5)

ECO 3013: Intermediate Microeconomics (Fall 2018), UTSA
(Course Evaluation: 4.19/5)

Selected Conference Papers and Presentations in the Past Three Years

- Lee, H. B. & Nichols, S.** (2025, April). Dual Credit in Charter Schools and Students' Postsecondary Success in Texas [Paper Presentation]. **American Educational Research Association, Denver, CO.**
- Lee, H. B., Bahena, S., & Nichols, S.** (2025, April). The Impact of Early Algebra II on Calculus Course- Taking [Paper Presentation]. **American Educational Research Association, Denver, CO.**
- Thacker, I. & Lee, H. B.** (2025, April). Gender Disparities in STEM Throughout the Achievement Distribution within an Intersectional Analysis of the Role of Comparative Advantages in STEM [Paper Presentation]. **American Educational Research Association, Denver, CO.**
- Lee, H. B., Victor, J. & Nichols, S.** (2024, November). The Role of Impact of AI for Helping Texas Students Apply to College [Paper Presentation]. **Whole Child While Community Conference, San Antonio, TX.**
- Lee, H. B., Bahena, S., & Nichols, S.** (2024, October). Effects of Early AP Coursetaking on High School Outcomes and College Enrollment for Less Academically Prepared Students [Paper Presentation]. **Society for Research on Educational Effectiveness, Baltimore, MA.**
- Lee, H. B. & Nichols, S.** (2024, April). Effects of Early AP Coursetaking on High School Outcomes and College Enrollment for Less Academically Prepared Students [Paper Presentation]. **American Educational Research Association, Philadelphia, PA.**
- Victor, J., Lee, H. B., Villarreal, V., & Nichols, S.** (2023, November). Meeting Teacher and Student Mental Health Needs: Lessons from the Basecampus Teacher Support Program [Paper Presentation]. **Whole Child While Community Conference, San Antonio, TX.**
- Ho, H., McNamara, P. E., & Lee, H. B.** (2018). Can ICT Help Overcome Infrastructure Challenges in Accessing Agricultural Extension? Evidence from Malawi. [Poster Presentation]. **Agricultural and Applied Economic Association Annual Meeting, Washington, DC.**
- Asirvatham, J., Lee, H. B., & McNamara, P. E.** (2018). Extension Program Impacts on Women's Empowerment via Improving Social Capital. [Poster Presentation]. **Agricultural and Applied Economic Association Annual Meeting, Washington, DC.**
- Lee, H. B. & McNamara, P. E.** (2017). Achieving Economic Self-Sufficiency Through Housing Assistance: An Assessment of a Self-Sufficiency Program of the Housing Authority of Champaign County, Illinois.[Paper Presentation]. **Urban Affairs**

Association, Minneapolis, MN.

Lee, H. B. & McNamara, P. E. (2017). Deconcentrating the Poor via Public Housing Policy: What Really Matters? [Paper Presentation]. The **North American Regional Science Council** Annual Meeting, Atlanta, GA.

McNamara, P. E., Lee, H. B., & Bhattacharyya, K. (2017). Strengthening Nutrition and Improving Livelihoods through Linking Women Farmers to Markets. [Paper Presentation]. **Agricultural and Applied Economic Association** Annual Meeting, Chicago, IL.