

Wonsun Ryu, Ph.D.

Population Research Center, The University of Texas at Austin
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EDUCATION

- 2015 – 2020 **Ph.D., Educational Leadership and Policy**
 The University of Texas at Austin
Thesis: *State-supported financial aid impact on baccalaureate degree completion in Texas*
Committee: Victor B. Sáenz (Supervisor), Pedro Reyes, Lauren Schudde, Julie Eklund, and Miguel Wasielewski
- 2017 – 2019 **M.S., Statistics**
 The University of Texas at Austin
Thesis: *The relationship between institutional characteristics and six-year graduation rates: Multilevel modeling for change*
Committee: Daniel A. Powers (Supervisor) and Thomas W. Sager
- 2011 – 2013 **M.Ed., Educational Administration**
 The University of Texas at Austin
- 2001 – 2006 **B.Eng., Computer Science and Electrical Engineering**
 Handong Global University, South Korea

PROFESSIONAL EXPERIENCE

- 2020 – present **Postdoctoral Fellow**, Population Research Center
 The University of Texas at Austin
- 2015 – 2020 **Graduate Research Assistant**, Educational Leadership and Policy
 The University of Texas at Austin
- 2013 – 2015 **Research Associate**, Innovation Center for Engineering Education
 Handong Global University, South Korea
- 2011 **Program Coordinator**, Office of Graduate Studies
 Handong Global University, South Korea
- 2006 – 2010 **Contract Administrator**, Office of General Affairs
 Handong Global University, South Korea

RESEARCH INTERESTS & PUBLICATIONS

Research Interests

College outcomes for underserved students, incl. Latino males and community college students; Higher education policy; Economics of higher education; And quantitative methods, incl. causal inference and applied statistics

Peer-Reviewed Journal Articles

Ryu, W., Burmicky, J., Sáenz, V. B., Del Real Viramontes, J., Aguayo, R., & Segovia, J. (Forthcoming). The role of high school counselors in increasing Latino male college enrollment: Moving from college aspirations to access. *Professional School Counseling*.

Schudde, L., **Ryu, W.**, & Brown, R. S. (2020). Major movement: Examining major switching patterns and pathways at community colleges. *The Review of Higher Education*. 44(2), 189–235. <https://doi.org/10.1353/rhe.2020.0044>

Jones, V., Kim, Y., & **Ryu, W.** (2020). Intersecting roles of authority and marginalization: International teaching assistants and research university power dynamics. *Journal of International Students*. 10(2), 483–500. <https://doi.org/10.32674/jis.v10i2.757>

Burmicky, J., Palomín, L., Sáenz, V. B., Sánchez, N., & **Ryu, W.** (2019). Research- and praxis-based strategies: An asset-based approach for senior- and middle- level administrators addressing Latino male students' education gap. *Journal of Applied Research in the Community College*, 26(2), 23–32.

Sáenz, V. B., Drake, A., García-Louis, C., **Ryu, W.**, & Ponjuán, L. (2018). Conceptualizing Latina/o students' college-going behavior in high school. *Journal of College Access*, 4(1), 20–39.

Book Chapters

Schudde, L., & **Ryu, W.** (Forthcoming). Extending opportunity, perpetuating privilege: Institutional stratification amid educational expansion. In Bastedo, M., Altbach, P., Gumport, P. & Berdahl, B. (Eds.), *American Higher Education in the 21st Century: Social, Political, and Economic Challenges*, 5th edition. Baltimore: Johns Hopkins University Press.

Ryu, W., Burmicky, J., & Sáenz, V. B. (Accepted). Exploring educational and workforce data trends on Latino boys and men: Implications for research and practice. *Handbook of Latinos and Education*.

Manuscripts Under Review

Burmicky, J., Sáenz, V. B., & **Ryu, W.** (Under Review). Exploring how community college presidents make decisions about financial aid departments and human resources in an era of uncertainty. *Journal of Education Human Resources*.

Burmicky, J., **Ryu, W.**, Sáenz, V. B., & Palomín, L. (Under Review). Leveraging data for policy change: A descriptive analysis of Latino men’s postsecondary enrollment and degree attainment patterns in Texas. *Texas Education Review*.

Other Publications (Technical reports, policy briefs, etc.)

Sáenz, V. B., Burmicky, J., & **Ryu, W.** (Forthcoming). Student financial aid in Texas community colleges. [Study with Texas Association of Community Colleges]. Research Report: Austin, TX.

Sáenz, V. B., Sánchez, N., **Ryu, W.**, & Burmicky, J. (2019). *De la Ciudad a la Frontera: Advancing Latino male students in border and urban regions in Texas*. Project MALES Policy Brief, Issue No.1.1: Austin, TX. <https://diversity.utexas.edu/projectmales/wp-content/uploads/2019/03/MALES-Policy-Brief-1.1.pdf>

Sáenz, V. B., Burmicky, J., **Ryu, W.**, & Jones, V. (2018). Following African American male 8th graders through college: A digest of longitudinal enrollment and graduation patterns in Texas. Project MALES Research Digest, No.2: Austin, TX. http://diversity.utexas.edu/projectmales/wp-content/uploads/2018/05/Project-MALES-Research-Digest_No-2-Final-05-16-18-v2.pdf

Sáenz, V. B., **Ryu, W.**, & Burmicky, J. (2018). Following Hispanic male 8th graders through college: A digest of longitudinal enrollment and graduation patterns in Texas. Project MALES Research Digest, No.1: Austin, TX. http://diversity.utexas.edu/projectmales/wp-content/uploads/2018/06/Research-Digest_No-1-Updated-06-01-18.pdf

RESEARCH CONTRACTS & GRANTS

Texas Association of Community Colleges Research Grant (\$10,000)

Role: Research consultant

Project title: TACC focus group study on financial aid

PI: Victor B. Sáenz, Period: January 2020 – March 2020

Latino Center for Leadership Development (LCLD) -Southern Methodist University (SMU)

Tower Center Policy Institute Partnership Research Grant (\$7,400)

Role: Researcher

Project title: Leveraging the strengths of Hispanic enrollment and completion patterns for policy change: A critical exploration of longitudinal data in Texas

PI: Victor B. Sáenz, Period: July 2018 – August 2019

AWARDS, HONORS, FELLOWSHIPS, & SCHOLARSHIPS

Summer 2020	Jesse H. Jones Endowed Fellowship	The University of Texas at Austin
Spring 2020	Dissertation Writing Fellowship	The University of Texas at Austin
2019 – 2020	George and Irene Baker Scholarship	The University of Texas at Austin

2019 – 2020	Amado M. Pena, Sr. Endowed Scholarship	The University of Texas at Austin
Summer 2019	2019 Baker Scholarship	The University of Texas at Austin
2018 – 2019	PHEL Continuing Fellowship	The University of Texas at Austin
2017 – 2018	Roueché F/SP Fellowship	The University of Texas at Austin
2015 – 2017	C.C. & Lottie Mae Colvert Fellowship	The University of Texas at Austin
2015 – 2016	Margaret Foley Murray Scholarship	The University of Texas at Austin
July 2010	Distinguished Service Award	Handong Global University
Spring 2004	Semester High Honors	Handong Global University
February 2001	Entrance Scholarship	Handong Global University

TEACHING EXPERIENCE

Fall 2019	Co-Instructor with Drs. Victor B. Sáenz & Jorge Burmicky ELP390E – Economics & Finance Policy in Higher Education The University of Texas at Austin
Spring 2019	Teaching Assistant (Instructors: Drs. Victor B. Sáenz & Edwin Sharpe) ELP395K – Legislative Issues in Higher Education The University of Texas at Austin
Fall 2016 – Fall 2018	Teaching Assistant (Instructor: Dr. Victor B. Sáenz) ELP395S – Systems of Higher Education The University of Texas at Austin
Spring 2018	Teaching Assistant (Instructor: Dr. Victor B. Sáenz) EDA383 – Survey Research Methods in Postsecondary Education The University of Texas at Austin
Spring 2017	Teaching Assistant (Instructor: Dr. Carlton Fong) EDA381P – Quantitative Research Design and Analysis The University of Texas at Austin
Spring 2016	Teaching Assistant (Instructor: Dr. Victor B. Sáenz) EDA381P – Quantitative Research Design and Analysis The University of Texas at Austin

SELECTED SCHOLARLY PRESENTATIONS

Refereed Conference Presentations

Ryu, W. (2021, April). State-supported financial aid impact on baccalaureate degree completion in Texas. Proposal accepted for the Annual Meeting of the American Education Research Association.

- Burmicky, J., **Ryu, W.**, Estrella-Ramirez, C., Aguayo, R., Hernandez, S., & Sáenz, V. B. (2021, April). Exploring how men of color programs shape the organizational identity of minority-serving institutions. Proposal accepted for the Annual Meeting of the American Education Research Association.
- Burmicky, J., **Ryu, W.**, Estrella-Ramirez, C., Aguayo, R., Hernandez, S., & Sáenz, V. B. (2020, November). Understanding MSIs organizational identity while serving the educational needs of Latinx men. Paper presented at the Annual Conference of the Association for the Study of Higher Education.
- Sáenz, V. B., Burmicky, J., & **Ryu, W.** (2020, October). Education and labor force trends for Latino men in Texas: Policy implications for our progress of *60x30TX*. Presentation at the Texas Latino Policy Symposium. San Antonio, TX.
- Ryu, W.** (2020, April). The relationship between institutional characteristics and six-year graduation rates: Multilevel modeling for change. Paper accepted the Annual Meeting of the American Education Research Association. San Francisco, CA. (Conference cancelled)
- Ryu, W.**, Burmicky, J., Aguayo, R., & Sáenz, V. B. (2020, April). The cost of going to college: Understanding financial factors affecting Latino male college enrollment. Paper accepted at the Annual Meeting of the American Education Research Association. San Francisco, CA. (Conference cancelled)
- Burmicky, J., **Ryu, W.**, Sáenz, V. B., & Palomín, L. (2020, April). Advancing Latino male student success: An analysis of longitudinal data to achieve *60x30TX*. Paper accepted at the Annual Meeting of the American Education Research Association. San Francisco, CA. (Conference cancelled)
- Kugiya, J., **Ryu, W.**, & Sáenz, V. B. (2020, February). Exploring the educational outcomes of Latino males in Texas. Presentation at the Annual Conference of the Texas Association of Chicanos in Higher Education, Sugar Land, TX.
- Aguayo, R., Campos, E., Burmicky, J., **Ryu, W.**, & Sáenz, V. B. (2019, November). Faculty as transformative institutional agents: Critically engaging students to challenge racial inequities in the academy. Paper presented at the Annual Conference of the Association for the Study of Higher Education, Portland, OR.
- Sáenz, V. B., **Ryu, W.**, Segovia, J., Del Real Viramontes, J., & Aguayo, R. (2018, April). Latino male high school student's college enrollment patterns. Paper presented at the Annual Meeting of the American Education Research Association, New York, NY.
- Sáenz, V. B., **Ryu, W.**, Burmicky, J., & Segovia, J. (2017, November). Latino male college enrollment patterns using HSLS: Improving college matching within high school environmental context. Paper presented at the Annual Conference of the Association for the Study of Higher Education, Houston, TX.

Jones, V., Kim, Y., & **Ryu, W.** (2017, November). Intersecting roles of authority and marginalization: International teaching assistants and research university power dynamics. Paper presented at the Annual Conference of the Association for the Study of Higher Education, Houston, TX.

Ryu, W. (2017, August). Exploring factors affecting college enrollment of high school students. Paper presented at the Annual Meeting of the American Sociological Association. Montreal, QC, Canada.

Ryu, W. & Han, Y. (2014, October). A case study of appropriate technology education programs in Korea. Presentation at the Asian Conference on Engineering Education. Kumamoto, Japan.

Ryu, W. (2014, September). Rethinking accreditation of engineering education through a case study on an ABET program at a university in the United States. Presentation at the Conference on Engineering Education of the Korean Society for Engineering Education. Jeju, South Korea.

Ryu, W. & Lee, K. (2013, August). The impacts of ethnicity and diversity on student satisfaction with college. Paper presented at the Annual Conference of the American Sociological Association. New York, NY.

Invited Guest Lectures and Presentations

Ryu, W. (2020, December). Statistical software packages and programming skills for data analysis in social sciences. Invited guest lecture for first-year college students in the Global Leadership School at Handong Global University. Pohang, South Korea.

Ryu, W. (2020, November). National Center for Education Statistics (NCES) survey data: IPEDS, HSLS:09, & BPS:12/14. Invited guest lecture for first-year doctoral students in the Program in Higher Education Leadership in the Department of Educational Leadership and Policy at The University of Texas at Austin.

Ryu, W. (2019, April). Secondary and postsecondary education survey data. Invited guest lecture for first-year doctoral students in the Program in Higher Education Leadership in the Department of Educational Leadership and Policy at The University of Texas at Austin.

Ryu, W. (2018, April). Secondary and postsecondary education survey data. Invited guest lecture for first-year doctoral students in the Program in Higher Education Leadership in the Department of Educational Leadership and Policy at The University of Texas at Austin.

Ryu, W. (2013, October). Effective program outcome assessment for ABET accreditation of a computer science program. Invited presentation at the workshop on Developing a Competency-Based Curriculum at Handong Global University. Pohang, South Korea.

Han, Y. & **Ryu, W.** (2013, August). An engineering design camp based on appropriate technology: Toward engineering ethics education. Invited presentation at the 2013 annual workshop on Engineering Ethics Education of the Korean Society for Engineering Education. Seoul, South Korea.

ACADEMIC AND PROFESSIONAL SERVICE

2020 – present **Assistant Editor**, Journal of International Students

2020 – present **Conference Proposal Reviewer**, Division J (Postsecondary Education) of the American Education Research Association

2019 – present **Reviewer**, Journal of Applied Research in the Community College

2018 – 2019 **Application Reviewer**, NCES Data Institute

STATISTICAL SKILLS

Statistical Software Proficient with STATA & SPSS
Experience with PYTHON, R, M-PLUS, SAS

Visualization Tools Tableau

National-level Data Integrated Postsecondary Education Data System (IPEDS),
High School Longitudinal Study of 2009 (HSLS:09),
Beginning Postsecondary Students Longitudinal Study (BPS12/17),
Current Population Survey

State-level Data Texas Higher Education Coordinating Board (THECB) Data,
Texas Education Research Center (ERC) Data

Certificates & Training 2018 THECB Data Fellows Training,
2017 NCES Data Institute,
2017 UT Summer Statistics Institute – Time Series Modeling,
2016 UT Summer Statistics Institute – Introduction to Stata

PROFESSIONAL AFFILIATIONS

American Educational Research Association, Member (2017 – present)
Association for the Study of Higher Education, Member (2017 – present)
American Sociological Association, Member (2017 – 2018)
American Sociological Association, Member (2012 – 2013)