

Erick Axxe

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Education

The Ohio State University

Ph.D., Department of Sociology (ABD).
Advisors: Sarah Hayford & Vincent Roscigno

M.A., Department of Sociology, 2019.

Thesis: [Equalizing Opportunity by Stratifying Education? Intergenerational Mobility in Germany across Institution Types.](#)

The University of Arkansas

B.A., Sociology & German (minor in Statistics). *summa cum laude*, 2015.
Advisor: Juan José Bustamante

Research Interests

Race, Class, and Gender
Life Course Studies
The Transition to Adulthood
Comparative Sociology

Computational Social Science
Education
Migration
Demography

Publications

* Indicates equal authorship; † graduate student coauthor or ‡ undergraduate student coauthor

Journal Articles

Erick Axxe, Sarah R. Hayford, and Natalie D. Eggum. 2022. [“Youth’s Family and Non-Family Roles as Predictors of Subjective Adulthood in Three Low-Income Agricultural Settings.”](#) *Journal of Research on Adolescence*.

Book Chapters

Reanne Frank, **Erick Axxe**, Melissa Rodriguez†, and Coralia Balasca†. 2019. [Advancing the Field of Immigration and Health](#). In Volume 19 in *Advances in Medical Sociology* series. Emerald Insight Press. Volume editor: Reanne Frank. Series editor: Brea Perry, Indiana University.

Research Reports

Erick Axxe and Marco Ramljak. 2020. [Replication of a Research Claim from O’Brien and Noy \(2015\)](#). *Replication Study for the Center for Open Science*.

In Progress

Peter Choi†, **Erick Axxe**, and Melina Raglin‡. “Advances in Computer Vision and Its Applications in Social Science: Deriving Race and Gender from Photos.” *Draft is available*.

Erick Axxe, Sarah R. Hayford, and Dirgha J. Ghimire. “Family Migration Context and Children’s Marriage Choice in Settings with Changing Marriage Systems.” *Draft is available*.

Melissa Alcaraz, **Erick Axxe** and Jennifer E. Glick “Positive Selection into Migration Aspirations in Three Distinct Migration Settings.” *Draft is available*.

Peter Choi† and **Erick Axxe**.* “Behind the Cyber Curtain: Discrimination within Airbnb’s User-Based Ratings.” *Conducting analyses*.

Erick Axxe and Peter Choi†.* “Race and Gender Disparities in Academic Pay.”
Conducting analyses.

Research Experience

- 2019 - Present Co-founder & Project Manager, Digital Inequality Research Program.
 Department of Sociology, The Ohio State University.
- Scraped salary data and photos of over 100,000 professors at public universities across the United States
 - Conducted statistical analyses predicting race and gender inequalities using data from over 200,000 Airbnb hosts and Computer Vision models
 - Trained a team of undergraduate research assistants in Python and R to scrape websites, conduct statistical analyses, and develop software ([DCiFR](#))
 - Completed two IRB applications ensuring compliance with human research regulations
- 2018 - Present Research Assistant, [Family Migration and Early Life Outcomes](#).
 National Institute of Child Health and Human Development.
- Managed and cleaned longitudinal data containing over 15,000 Mexican, Mozambican, and Nepalese respondents in preparation for public release
 - Formulated research questions, conducted analyses, presented results at national scientific conferences, and submitted manuscripts for publication
 - Supported survey development and interviewer training
 - Built and maintained the project website
- Research Associate, [First-Generation Student Study](#).
 Center for the Study of Student Life & Department of Sociology, The Ohio State University
- Conducted over 40 interviews with undergraduate students on their college experiences
 - Prepared 200+ qualitative interviews for data analysis using traditional analytic techniques, as well as Natural Language Processing techniques
 - Transcribed, cleaned, and managed interview data

Teaching Experience

- Independent instructor Hendrix College, Department of Anthropology & Sociology (Fall 2021 - Spring 2022)
 Instructor: Introduction to Sociology (SOCI 110), Race & Ethnicity (SOC 270)
- The Ohio State University, Department of Sociology (Spring 2021 - Spring 2022)
 Online Instructor: Introduction to Sociology (SOC 1101DL), Racial and Ethnic Relations in America (SOC 3380DL)
- Concordia Language Villages, *Waldsee* (Summer 2017)
 High School Credit Teacher: Introductory German
- Teaching assistant The Ohio State University, Department of Sociology (Fall 2018)
 Graduate Teaching Assistant: Introduction to Sociology (SOC 1101)
- Fulbright U.S. Student Program, *Carl-von-Ossietzky Gymnasium* (2014-15)
 Teaching Assistant: English and Social Studies

Research training	The Ohio State University, Department of Sociology (2020-Present) Undergraduate Research Training: (SOC 4998) Chris Lindsay (2020), Godwin Mshiu (2020), Melina Raglin (2020-21), Xiaowen Sun (2020), Yulu Qin (2020)
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Skills

Teaching accreditations	Inclusive Teaching (Ohio State's Drake Institute for Teaching and Learning, 2021). Teaching Online (Ohio State's Drake Institute for Teaching and Learning, 2020).
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Methodological training	Data Carpentry Workshop (Ohio State's TDAI, 2021). Computational Text Analysis Group (Ohio State's Dept. of Sociology, 2020). Annual Workshop on Formal Demography (UC Berkeley, 2019).
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Software	Stata, Python, R, OpenRefine, Git, NVivo, L ^A T _E X.
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Languages	German (proficient)
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Awards

Honors	<p>Graduate Associate Teaching Award from The Ohio State University. 2022.</p> <p>"Great Rising" Mentor Award, North Little Rock School District. 2022.</p> <p>Poster Award from the Population Association of America's section on Education, Work, and Economic Inequality (with Eungang [Peter] Choi). 2021.</p> <p>Ohio State Department of Sociology's Outstanding Independent Instructor Award. 2021.</p> <p>Volunteer of the Year, Rogers Activity Center. 2015</p> <p>Phi Beta Kappa. 2015.</p> <p>Delta Phi Alpha. 2015.</p>
Funding	<p>Department of Sociology Small Grants Fund. 2020. (\$500)</p> <p>Travel Grants for Population Association of America. Institute for Population Research, Ohio State. 2019-22 (\$2,200)</p> <p>Summer Methods Training Award. Department of Sociology, Ohio State. 2019. (\$1,500)</p> <p>Distinguished University Fellowship. The Graduate School, Ohio State. 2017-23 (\$56,160)</p> <p>Fulbright Teaching Fellowship. Fulbright U.S. Student Program. 2015-16. (\$11,600)</p>

Presentations

Invited	Choi, Peter and Erick Axxe . "Race and Gender Disparities in Academic Pay." -Academic Analytics Research Center, September 2021.
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Oral Presentations	Axxe, Erick and Peter Choi. "Race and Gender Disparities in Academic Pay." -Southern Sociological Society annual meeting, April 2021. -Ohio State's Hayes Research Forum, April 2021. -Arkansas Sociological and Anthropological Association Meeting, November 2020. -Bowling Green State Graduate Student Conference, October 2020.
	Axxe, Erick and Peter Choi. "Behind the Cyber Curtain: Skin Tone Discrimination within Airbnb's Open Rating System." -American Sociological Association annual meeting, August 2020.
	Axxe, Erick and Sarah R. Hayford. "An Exploration of Subjective Ages of Adulthood in Mexico, Mozambique, and Nepal." -American Sociological Association annual meeting, August 2020.
Poster Presentations	Choi, Peter and Erick Axxe . "Race and Gender Disparities in Academic Pay." -Population Association of America annual meeting, May 2021. POSTER AWARD WINNER BY THE POPULATION ASSOCIATION OF AMERICA
	Axxe, Erick , Sarah R. Hayford, and Dirgha Ghimire. "Family Migration Context And Youth's Marriage Choice In Settings With Changing Marriage Systems." -Population Association of America annual meeting, May 2021.
	Axxe, Erick . "Equalizing Opportunity by Stratifying Education? Intergenerational Mobility in Germany across Institution Types." -5th International NEPS Conference, December 2020.
	Choi, Peter and Erick Axxe . "A Flaw of the Open-Rating System: Discrimination within Airbnb's User-Based Ratings." -Population Association of America annual meeting, March 2020. <small>cancelled due to Covid-19</small>
	Axxe, Erick and Sarah R. Hayford. "An Exploration of Subjective Adulthood in Mexico, Mozambique, and Nepal." -Population Association of America annual meeting, March 2020. <small>cancelled due to Covid-19</small>
Round-table Session	Axxe, Erick and Ashley Wright. "The American Story We Export': Latino and Latina Identity in the U.S." -The American Sociological Association annual meeting, August 2019.
Service	
Institutional	<i>Migration Reading Group Coordinator</i> (2020-21), The Ohio State University
Departmental	<i>Instructional Development Committee</i> (2021-22), Department of Sociology, The Ohio State University
	<i>Workshop Leader</i> (2020), Introduction to Python, Department of Sociology
	<i>Cohort Representative</i> (2019-20), Sociology Graduate Student Association, The Ohio State University
	<i>Teaching and Social Life Committee</i> (2017-18; 2020-21), Sociology Graduate Student Association, The Ohio State University
	<i>Graduate Mentor</i> : Alec Rhodes (2018-19), Yoonyoung Choi (2019-20) <i>Undergraduate Mentor</i> : Jacob Conley (2019-20)
Discipline	<i>Co-reviewer</i> : Social Problems

Memberships

American Sociological Association
Population Association of America
Southern Sociological Society
Arkansas Sociological and Anthropological Association
Institute for Population Research
Translational Data Analytics Institute

References

[Dr. Sarah R. Hayford](#), co-advisor
Professor & Director of the Institute for Population Research
Department of Sociology
The Ohio State University
hayford.10@osu.edu

[Dr. Vincent Roscigno](#), co-advisor
Distinguished Professor of Arts & Sciences
Department of Sociology
The Ohio State University
roscigno.1@osu.edu

[Dr. Stacey A. Schwartzkopf](#)
Charles S. and Lucile Esmon Shively Odyssey Associate Professor of Anthropology
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