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	Computational Social Science
Life Course Studies	Education
The Transition to Adulthood	Migration
Comparative Sociology	Demography

Publications

* Indicates equal authorship; † graduate 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

Erick Axxe, Sarah R. Hayford, and Dirgha J. Ghimire. "Family Migration Context and Children's Marriage Choice in Settings with Changing Marriage Systems." *Under review at the Journal of Marriage and Family.*

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

Erick Axxe. "A Case Study of College Student Belonging at Midwestern State University." *Conducting analyses.*

Vincent Roscigno, Jasmine Whiteside, and **Erick Axxe**. "First-Year and First-Gen: Core Aspirations and Vulnerabilities in the Transition to College." *Conducting analyses.*

Eungang Choi† and **Erick Axxe**.* "Behind the Cyber Curtain: Discrimination within AirBnb's User-Based Ratings." *Conducting analyses.*

Erick Axxe and Eungang 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 published research manuscripts
- 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) Undergradate Research Training: (SOC 4998) Chris Lindsay (2020), Godwin Mshiu (2020), Melina Raglin (2020-21), Xiaowen Sun (2020), Yulu Qin (2020)

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).
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).
Software	Stata (advanced), Python (proficient), R (basic), NVivo, OpenRefine, Git, LaTeX.
Languages	German (proficient)

Awards

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

Presentations

Invited	Eungang Choi and **Erick Axxe**. "Race and Gender Disparities in Academic Pay." -Academic Analytics Research Center, September 2021.
Oral presentations	Eungang Choi, **Erick Axxe**, and Melina Raglin. "Computer Vision and its Applications in Social Science: Deriving Race and Gender From Photos" -Population Association of America annual meeting, April 2022.

Eungang Choi and **Erick Axxe**. "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.

Erick Axxe and Eungang Choi. "Behind the Cyber Curtain: Skin Tone Discrimination within AirBnb's Open Rating System."
-American Sociological Association annual meeting, August 2020.

Erick Axxe 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

Eungang Choi 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

Erick Axxe, 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.

Erick Axxe. "Equalizing Opportunity by Stratifying Education? Intergenerational Mobility in Germany across Institution Types."
-5th International NEPS Conference, December 2020.

Eungang Choi 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. _{cancelled due to Covid-19}

Erick Axxe and Sarah R. Hayford. "An Exploration of Subjective Adulthood in Mexico, Mozambique, and Nepal."
-Population Association of America annual meeting, March 2020. _{cancelled due to Covid-19}

Round-table session

Erick Axxe 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	*Migration Reading Group Coordinator* (2020-21), The Ohio State University
Departmental	*Instructional Development Committee* (2021-22), Department of Sociology, The Ohio State University *Workshop Leader* (2020), Introduction to Python, Department of Sociology

Cohort Representative (2019-20), Sociology Graduate Student Association, The Ohio State University

Teaching and Social Life Committee (2017-18; 2020-21), Sociology Graduate Student Association, The Ohio State University

Undergraduate & Graduate Mentor (2019-20), Sociology Graduate Student Association, The Ohio State University

Discipline   *Co-reviewer*: 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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