

**JAYCOB APPLEGATE**

Department of Sociology  
Bowling Green State University  
Bowling Green, OH 43403

Email: jaycoba@bgsu.edu

**EDUCATION**


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2026 (Expected)	PhD Sociology Major: Demography Minor: Family Studies, Quantitative Methods Preliminary Exams: Demography, Family Demography Bowling Green State University
2023	MA Sociology Major: Demography Minor: Family Studies, Quantitative Methods Advisor: Jenjira Yahirun Bowling Green State University
2015	BA Sociology Eastern Kentucky University

**AREAS OF RESEARCH**


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Cognitive aging, Demography, Education, Family sociology, Health, Kinlessness and kin availability

**PUBLICATIONS**


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Yahirun, J.J., **Applegate, J.S.**, Mossakowski, K., & Hayward, M.D. *Forthcoming*. Offspring Education and Parents' Cognitive Health: Nativity Differences among Older Hispanic Adults. *The Gerontologist*.

**Applegate, J.S.** & Yahirun, J.J. Offspring Education and Parents' COVID-19 Vaccination. (2025). *Research on Aging*.

Yahirun, J.J., **Applegate, J.S.**, Mossakowski, K., & Hayward, M.D. Offspring Educational Disadvantage and Parents' Dementia Onset: Does One Child's Educational Disadvantage Outweigh the Educational Success of Another? (2025). *Journal of Gerontology: Series B, Psychological Sciences and Social Sciences*.

LaPata, L., **Applegate, J.S.**, Yahirun, J. (2024). Adult children's college completion by parental stepfamily status and race/ethnicity. *Family Profiles, FP-24-24*. Bowling Green, OH: National Center for Family & Marriage Research.

Bunkley, K. N., **Applegate, J. S.**, & Yahirun, J. J. (2023). Distribution of children's college completion by parent's race, ethnicity, and education. *Family Profiles, FP-23-12*. Bowling Green, OH: National Center for Family & Marriage Research.

**Applegate, J.S.** & Maples, J.N. (2021). Finding and Explaining Discrepancies in Beliefs and Actions: Understanding Implicit Racism in Christianity. *Gettysburg Social Sciences Review: Vol. 5: Iss. 1, Article 2*.

## MANUSCRIPTS IN PROGRESS

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**Applegate, J.S.** Parity, Incomplete Pregnancy, and Risk of Dementia. (Under review).

Yahirun, J., **Applegate, J.**, Mossakowski, K., Hayward, M. Offspring Education and Parents' Dementia Onset: Differences between Step- vs. Biological Families. (Under review)

**Applegate, J.S.** & Cantu, P.A. Transitions into Living Alone with Dementia. (In progress)

**Applegate, J.S.** & Chin, J.A. Potential Downward Estimates of Dementia Prevalence and Risk Factors: A Consideration of Kinless Older Adults in the Health and Retirement Study. (In progress)

Yahirun, J.J., **Applegate, J.S.**, Mossakowski, K., & Hayward, M.D. Older Parents' Knowledge about Alzheimer's Disease and Offspring Education. (In progress)

## PROFESSIONAL PRESENTATIONS

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Yahirun, Jenjira, **Applegate, Jaycob**, Mossakowski, Krysia, & Hayward, Mark (2025). "Offspring Education and Parents' Alzheimer's Knowledge." Paper presented at the 2025 American Sociological Association Meeting, Section on Aging and the Life Course Roundtables, Chicago, Illinois.

**Applegate, Jaycob** (2025). "Lack of Kin and Risk of Dementia Onset." Paper presented at 2025 Population Association of America, Washington, D.C.

Yahirun, Jenjira, **Applegate, Jaycob**, Mossakowski, Krysia, & Hayward, Mark (2025). "Does the Relationship Between Offspring Education and Parents' Dementia Onset Differ between Stepfamilies and Biological Families?" Paper presented at 2025 Population Association of America, Washington, D.C.

Yahirun, Jenjira, **Applegate, Jaycob**, Mossakowski, Krysia, & Hayward, Mark (2024). "Offspring Education and Parents' Dementia Onset: Differences between Step- vs. Biological Families." Paper presented at the 2024 American Sociological Association Meeting, Section on Aging and the Life Course Roundtables, Montreal, Canada.

Yahirun, Jenjira, **Jaycob Applegate**, and Krysia Mossakowski (2024). "Conceptualizing Offspring Educational Dis-/Advantage and its Relationship to Parents' Dementia Onset." Paper presented at 2024 Population Association of America, Columbus, OH.

**Applegate, Jaycob** & Jenjira Yahirun (2024). "Offspring Education and Parents' COVID-19 Vaccination." Poster presented at 2024 Population Association of America, Columbus, OH.

**Applegate, Jaycob** & Jenjira Yahirun (2024). "Offspring Education and Parents' COVID-19 Vaccination." Poster presented at 2024 Shanklin Colloquium, Bowling Green, OH

**Applegate, Jaycob & Jenjira Yahirun (2023).** “Offspring Education and Parents’ COVID-19 Vaccination.” Presented at the Annual 2023 BGSU/OSU Graduate Student Conference on Population, Columbus, OH.

## **RESEARCH EXPERIENCE**

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### **Research Assistant**

Fall 2022 – Present

Bowling Green State University

National Institutes of Health/National Institute on Aging, R15 Grant – “Offspring Education and Parental Dementia”

Supervisors: Dr. Jenjira Yahirun, Dr. Krysia Mossakowski (University of Hawaii – Manoa), Dr. Mark Hayward (University of Texas – Austin)

- Conduct quantitative, longitudinal survey research using data from the U.S. Health and Retirement Study.
- Supervise and train undergraduate research assistants.

### **Research Assistant**

2017-2019

Eastern Kentucky University

Supervisor: Dr. James Maples

Projects:

- “Assessment of Group Advising in ECU Sociology.” Submitted to Program Coordinator on January 18, 2019.
- “Evaluation of Factors in Introductory Sociology Absences and Recommendations for Future Policy Decisions.” Submitted to Anthropology, Sociology, and Social Work Department Chair Dr. Paul Paolucci on November 1, 2018.

## **TEACHING EXPERIENCE**

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### **Instructor of Record**

SOC 3610: The Family

Bowling Green State University, Department of Sociology

Fall 2025

### **Teaching Assistant**

SOC 3000: Migration

Bowling Green State University, Department of Sociology

Spring 2024

### **Undergraduate Research Assistant Supervisor**

Supervised undergraduate research assistants on National Institute on Aging R15 project:

Kellyanne Bunkley (2022 – 2023)

Leo LaPata (2023 – 2024)

Kaylee Ries (2023 – 2024)

Zoe Fiddelke (2024 – 2025)

Elisa Hernandez (2024 – 2025)

### **Teaching Assistant**

Race, Ethnicity, and Inequality SOC 2160  
Bowling Green State University, Department of Sociology  
Fall 2021 – Spring 2022

**Social Sciences Tutor**

Eastern Kentucky University, Bratzke Center Tutor for Student Athletes  
2018 – 2019

**Social Statistics Tutor/Course Assistant**

Eastern Kentucky University, Department of Sociology  
2018-2019

**AWARDS**

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2024 Adamchak Graduate Student Award in Demography Department of Sociology, BGSU

Outstanding Sociology Undergraduate Student Award. 2019.

Eastern Kentucky University Social Science Undergraduate Research Symposium Presentation Award.  
2019.

**ACADEMIC AND PROFESSIONAL SERVICE**

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Sociology Graduate Student Association President (2025 – Present)

Co-organizer for 18<sup>th</sup> Annual BGSU/OSU Graduate Student Conference on Population

Reviewer for: *Journal of Gerontology: Social Sciences, Personal Relationships*

Sociology Graduate Student Association Secretary (2024 – 2025)

Sociology Graduate Student Association Treasurer (2023 – 2024)

Professional Development Committee (PDC) of the Sociology Graduate Student Association (2023 – 2024)

First Year Mentorship Program Mentor (2022 – 2023)

Sociology Undergraduate Mentor Committee (2022 – 2023)

Alpha Kappa Delta (AKD) – International Sociology Honor Society; Inducted 2022

**PROFESSIONAL TRAINING**

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Social Science Data Analysis Network. Integrating Data Analysis and Quantitative Reasoning into Undergraduate Courses with Census Data. Instructors: Drs. Jill Bouma, William Frey, and Esther Wilder. August 11<sup>th</sup>, 2025.

StataCorp. Customizable Tables and Reproducible Reports Using Stata. Instructor: Dr. Chris Cheng, August 10<sup>th</sup>, 2025.

National Opinion Research Center. General Social Survey (GSS) Data Workshop for Teaching. Instructor: Dr. Rachel Sparkman, August 9<sup>th</sup>, 2025.

Sociology Graduate Student Association. Radical Acts of Love: Teaching the Sociological Imagination during our Higher Education Crisis. Instructor: Dr. Laura Sanchez, April 18<sup>th</sup>, 2025.

Population Association of America Meeting 2025. An Introduction to the National Health and Aging Trends Study (NHATS) and National Study of Caregiving (NSOC). April 10<sup>th</sup>, 2025.

Sociology Graduate Student Association. The Absent Presence of Race: Rethinking Qualitative Research on Race and Science with Grounded Theory. Instructor: Dr. Oliver Rollins, February 16<sup>th</sup>, 2024.

Sociology Graduate Student Association. Exploring Ungrading: Strategies and Implications for Your Classroom. Instructor: Dr. Barbara Prince, March 3<sup>rd</sup>, 2023.

University of Michigan, Summer Institute in Survey Research Techniques. Introduction to the Health and Retirement Study. Instructor: Amanda Sonnega, June 6th-10th, 2022.

University of California, Davis. Computational Social Science Methods. Online non-credit course offered by UC Davis. June 2, 2022.

American Sociological Association. Coming into Focus: Focus Groups as a Research Method. Instructors: Tisha M. Paredes, Barbara Sutton, and Yolanda Wiggins, April 8th, 2022.

American Sociological Association. First-Gen and Proud: Succeeding as a First-Generation College Student in Sociology. Instructors: Bedelia Richards, Jenny Stuber, and Tabitha Wilbur, December 9th, 2021.

American Sociological Association. ASA Virtual Pro-Seminar: Preparing for Teaching Positions. Instructor: Sharon Yee, November 18th, 2021

## **PROFESSIONAL AFFILIATIONS**

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American Sociological Association (ASA) – 2021 – Present

Sociology Graduate Student Association (SGSA) – BGSU, 2021-Present

Population Association of America (PAA) – 2021 – Present

Southern Sociological Society (SSS) – 2022 – Present

Southern Demographic Association (SDA) – 2025 - Present

## **DATA ANALYSIS AND SOFTWARE SKILLS**

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Stata, SPSS, R, SAS

## **STATISTICAL TRAINING**

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Longitudinal Modeling, Demographic Techniques, Survival Analysis, Item Response Theory, Linear Modeling, Multilevel Modeling, Categorical Data Analysis

## REFERENCES

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**Dr. Jenjira Yahirun**

Associate Professor of Sociology  
Department of Sociology, Bowling Green State University  
Email: [yahirun@bgsu.edu](mailto:yahirun@bgsu.edu)

**Dr. Susan Brown**

Distinguished Professor of Sociology  
Department of Sociology, Bowling Green State University  
Email: [browns1@bgsu.edu](mailto:browns1@bgsu.edu)

**Dr. Mark Hayward**

Professor of Sociology, Centennial Commission Professor in the Liberal Arts  
The University of Texas at Austin  
Email: [mhayward@prc.utexas.edu](mailto:mhayward@prc.utexas.edu)