

# Jasmine M. Cooper

PhD Candidate, University of Michigan

Predoctoral Fellow, National Institute on Aging

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## EDUCATION

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University of Michigan, Ann Arbor Ann Arbor, MI  
**PhD, Psychology (Cognition and Cognitive Neuroscience, Developmental Psychology)** 2023-Present  
*Dissertation: Charm City and the Aging Brain: Lifelong Environmental Exposures, Allostatic Load, and Brain Health*

University of Michigan, Ann Arbor Ann Arbor, MI  
**MS, Psychology (Cognition and Cognitive Neuroscience, Developmental Psychology)** 2021-2023  
*Thesis: Ethnic Disparities in Cognition During the COVID-19 Pandemic: A Snapshot of Metro-Detroit*

California State Polytechnic University, Pomona Pomona, CA  
**BA, Psychology; Magna Cum Laude** 2017-2020  
*McNair Project: The Effects of Mental Fatigue on Working Memory*

## RESEARCH EXPERIENCE

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### Current Labs:

- Laboratory of Epidemiology and Population Science, Brain Health Equity Unit (January 2025-Present)  
National Institute on Aging, Supervisor: Indira Turney, PhD
- Cognitive and Affective Neuropsychology Lab (August 2021-Present)  
University of Michigan, Supervisor: Patricia Reuter-Lorenz, PhD
- Life Course Development Lab (August 2021-Present)  
University of Michigan, Supervisor: Toni Antonucci, PhD

### Former Labs/Research Experience:

- Laboratory of Behavioral Neuroscience, Brain Aging and Behavior Section (Summer 2023, Summer 2024)  
National Institute on Aging, Supervisors: Lori Beason-Held, PhD; Yang An, MS; PI: Susan Resnick, PhD
- Research Program on Cognition and Neuromodulation Based Interventions (January 2024-June 2024)  
Michigan Medicine, Supervisor: Alexandru Iordan, PhD; PI: Benjamin Hampstead, PhD
- Ronald E. McNair Scholars Program (August 2019-May 2020)  
Cal Poly Pomona, Faculty Mentor: Robert Blumenfeld, PhD
- Brain Networks Lab (November 2018-May 2021)  
Cal Poly Pomona, Supervisor: Robert Blumenfeld, PhD
- EEG Lab (April 2019-March 2020)  
Cal Poly Pomona, Supervisor: Robert Blumenfeld, PhD

## PUBLICATIONS

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### First-authored:

- **Cooper, JM.**, Ajrouch, KJ., Brauer, S., Zahodne, LB & Antonucci, TC (Submitted). Racial Disparities in Cognition During the COVID-19 Pandemic: A Snapshot of Metro Detroit. *Journal of Aging and Health*

### Co-authored:

- Hu, RX., **Cooper, JM.**, Zahodne, LB., Ajrouch, KJ., Antonucci, TC (Submitted). Decades of Connection: The Impact of Social Relationship Trajectories on Cognitive Health Across 29 Years. *Journals of Gerontology Series B*
- Beason-Held, LL., Schafer, AT., Calgano, N., **Cooper, JM.**, Kitner-Triolo, M., Resnick, SM. (Submitted). Why We Forget: Memory Encoding in the Older Brain. *Neurobiology of Aging*  
<http://dx.doi.org/10.2139/ssrn.4753047>
- Morris, EP., **Cooper, J.**, Tarraf, W., Brauer, S., Antonucci, TC., Ajrouch, KJ., & Zahodne, LB (In prep). Language and Immigrant Status Differences in Neuropsychological Performance among Middle Eastern and North African Older Adults in Metro Detroit

## PRESENTATIONS

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### Graduate

- **Cooper, J.**, An, Y., & Resnick, S (2024), AD Related Plasma Biomarkers and Five Dimensions of the Shrinking Brain [Poster] LIFE Academy Poster Session, Max Planck Institute for Human Development, Berlin, Germany
- **Cooper, J.**, An, Y., & Resnick, S (2024), AD Related Plasma Biomarkers and Five Dimensions of the Shrinking Brain [Poster] National Institute on Aging Summer Poster Day, Baltimore, MD, United States
- **Cooper, J.**, An, Y., & Resnick, S (2024), AD Related Plasma Biomarkers and Five Dimensions of the Shrinking Brain [Poster] National Institutes of Health Summer Conference, Bethesda, MD, United States
- **Cooper, J.**, Ajrouch, KJ., Brauer, S., Zahodne, LB & Antonucci, TC (2024). Healthy Relationships for Better Health: The Impact of Social Relations on Health Behaviors, International Society for The Study of Behavioral Development, Lisbon, Portugal
- **Cooper, J.**, Calcagno, N., Shafer, A., Kitner-Triolo, M., Resnick, S., & Beason-Held, L (2023). Why We Forget: Memory Encoding in the Aging Brain [Poster] Inaugural Aging Initiative Symposium, Ann Arbor, MI, United States
- **Cooper, J.**, Ajrouch, KJ., Brauer, S., & Antonucci, TC (2023). Marriage Matters: The Impact of Social Relations on Health Outcomes [Poster Symposium (Chair)] Society for the Study of Human Development, Philadelphia, PA, United States
- **Cooper, J.**, Calcagno, N., Shafer, A., Kitner-Triolo, M., Resnick, S., & Beason-Held, L (2023). Why We Forget: Memory Encoding in the Aging Brain [Poster] National Institutes of Health Summer Conference, Bethesda, MD, United States
- **Cooper, J.**, Calcagno, N., Shafer, A., Kitner-Triolo, M., Resnick, S., & Beason-Held, L (2023). Why We Forget: Memory Encoding in the Aging Brain [Poster] National Institute on Aging Summer Poster Day, Baltimore, MD, United States

- **Cooper, J.**, Ajrouch, KJ., & Antonucci, TC (2022). Racial Disparities in COVID Cognitive Experiences: The Case of Metro-Detroit [Symposia Talk] Gerontological Society of America, Indianapolis, IN, United States
- **Cooper, J.**, Ajrouch, KJ., & Antonucci, TC (2022). Racial Disparities in COVID Cognitive Experiences: The Case of Metro-Detroit [Poster session] Association for Psychological Science, Chicago, IL, United States
- **Cooper, J.** & Blumenfeld, R. (2021). Mental Fatigue during the COVID-19 Pandemic [Oral Presentation] 12th Annual Lowell Overton Undergraduate Research Symposium, Pomona, CA, United States  
[https://www.cpp.edu/class/psychology/lowel\\_o\\_sched.pdf](https://www.cpp.edu/class/psychology/lowel_o_sched.pdf)

#### Undergraduate

- **Cooper, J.** & Blumenfeld, R. (2020). The Effects of Mental Fatigue on Working Memory. [Oral Presentation] 8th Annual Research, Scholarship & Creative Activities Conference Pomona, CA, United States  
<https://www.cpp.edu/cppsrc/past-conferences/2020/program/oral-pres.shtml>
- **Cooper, J.** & Blumenfeld, R. (2020). The Effects of Mental Fatigue on Working Memory. [Oral Presentation] 11th Annual Lowell Overton Undergraduate Research Symposium, Pomona, CA, United States <https://www.cpp.edu/class/psychology/announcements-and-events/lowello.pdf> (Conference Canceled due to pandemic)
- **Cooper, J.**, & Blumenfeld, R. (2020). The Effects of Mental Fatigue on Working Memory. [Oral Presentation]. Ronald E. McNair Scholar Undergraduate Research Symposium, Pomona, CA, United States

### AWARDS, HONORS, AND FELLOWSHIPS

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#### Graduate (Total: \$236, 576)

- 2025: Jay and Kay Peters Graduate Psychology Student Award, Department of Psychology, University of Michigan (\$1000)
- 2025: Travel Award to Advanced Psychometric Methods in Cognitive Aging Research conference, Johns Hopkins Medical Institute (\$2000)
- 2025: Summer Session in Epidemiology (SSE) Doctoral Student Funding, Rackham Graduate School and School of Public Health, University of Michigan (\$710)
- 2025: Nan Donald Award, Department of Psychology, University of Michigan (\$1200)
- 2025: Graduate Partnerships Program (GPP) Fellowship, Intramural Research Program, National Institute on Aging, National Institutes of Health
- 2024: Notable Alumni, Department of Psychology, California State Polytechnic University, Pomona
- 2024: Rackham Debt Management Award, Rackham Graduate School, University of Michigan (\$20,000)
- 2024: Susan Webb Psychology Graduate Student Fellowship, Department of Psychology, University of Michigan (\$2000)
- 2024: John Lustig & Irmgard Stahl Lustig Graduate Travel & Speaker Fund Award, Department of Psychology, University of Michigan (\$750)
- 2023: Rackham Travel Grant, Rackham Graduate School, University of Michigan (\$900)
- 2022: Diversity Supplement, National Institute on Aging, National Institutes of Health (\$197,046)
- 2022 Student Diversity Registration Award- Association for Psychological Science

- 2022: Rackham Travel Grant, Rackham Graduate School, University of Michigan (\$900)
- 2022: Rackham Travel Grant, Rackham Graduate School, University of Michigan (\$770)
- 2022: ISR-Rackham Summer Training Award, Rackham Graduate School and Institute for Social Research, University of Michigan (\$4300)
- 2022: Anti-Racism Graduate Research Grant, National Center for Institutional Diversity, University of Michigan (\$5,000)
- 2021: Rackham Merit Fellowship, Rackham Graduate School, University of Michigan

#### Graduate Organization Awards (Total: \$900)

- 2025: Rackham Student Government Student Organization Funding, Black Student Psychological Association (\$200) [As vice-chair, I worked in collaboration with the BSPA chair and treasurer]
- March 2025: Central Student Government Student Organization Funding, Black Student Psychological Association (\$700) [As vice-chair, I worked in collaboration with the BSPA chair and treasurer]

#### Undergraduate

- 2020: President's List: Spring 2020; Cal Poly Pomona
- 2017-2020: Dean's List: Fall 2017, Fall 2018, Fall 2019, Spring 2020, Fall 2020; Cal Poly Pomona

### WORK EXPERIENCE

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- Representative, Public at Large, Washtenaw County Commission on Aging (August 2023- December 2024)
- Mentor, Lumiere Education (July 2023-December 2024)
- Summer Intern, National Institute on Aging, Biomedical Campus (Summer 2024), Johns Hopkins Bayview Medical Campus, Baltimore, MD
- Summer Intern, National Institute on Aging, Biomedical Campus (Summer 2023), Johns Hopkins Bayview Medical Campus, Baltimore, MD
- Statistical Consultant for Annual Report, Youth Enrichment Services (October 2022), Pittsburgh, PA
- Student Professional Worker I, Los Angeles County Public Works, County of Los Angeles (August 2018-June 2021)

### SERVICE

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- Admissions Committee, Cognition and Cognitive Neuroscience Area, University of Michigan (October 2024- February 2025)
- Vice Chair, Black Student Psychological Association, University of Michigan (April 2023-April 2025)
- Volunteer, Michigan Center for Contextual Factors in Alzheimer's Disease (MCCFAD), University of Michigan (October 2021- June 2024)
- Curriculum Committee, Developmental Psychology Area, University of Michigan, (September 2023-April 2024)
- Social Committee, Cognition and Cognitive Neuroscience area of Psychology, University of Michigan (May 2022- April 2024)
- Treasurer, Black Student Psychological Association, University of Michigan (April 2022-April 2023)
- Student Member, Cognition and Cognitive Neuroscience Student Issues Summer Committee, University of Michigan (Summer 2022)
- Volunteer and Organizer, Brain Awareness Week, Cal Poly Pomona (November 2018-March 2020)

## TEACHING EXPERIENCE

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- Psych 302 - Research Methods in Cognitive Neuroscience (Graduate Student Instructor), Fall 2024
- Psych 111- Introduction to Psychology (Grader), Winter 2023, Fall 2023, Winter 2024
- Psych 345- Neuropsychology, (Graduate Student Instructor), Winter 2023
- Psych 240- Introduction to Cognitive Psychology, (Graduate Student Instructor), Winter 2022
- Psych 302- Research Methods in Cognitive Neuroscience, (Graduate Student Instructor), Fall 2022

## MENTORSHIP

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- P. Han, 2023 Summer Cohort II, Lumiere Education
- M. Duff, 2024 Summer Cohort I, Lumiere Education
- P. Tania, 2024 Summer Cohort II, Lumiere Education
- H. Kaba, 2024-present, University of Michigan (graduate school preparation)

## INVITED TALKS AND PANELS

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- January 2025: Cognition and Cognitive Neuroscience Area Forum  
*Title of Talk: Pathways of Brain Aging: Functional Connectivity, Brain Atrophy, and Environmental Risk Factors*
- September 2024: Latinx Student Psychological Association/Black Student Psychological Association  
Secure the Bag: Funding Panel
- October 2023: Developmental Psychology Area Brown Bag  
*Title of Talk: Ethnic Disparities in Cognition during the COVID-19 Pandemic: A Snapshot of Metro-Detroit*
- June 2023: Brain Aging and Behavior Section Meeting, National Institute on Aging
- July 2022: Ronald E. McNair Scholars Alumni Panel, Cal Poly Pomona REU
- November 2022: Cognition and Cognitive Neuroscience Area Forum  
*Title of Talk: Ethnic Disparities in Cognition during the COVID-19 Pandemic: A Snapshot of Metro-Detroit*
- March 2022: STAR Scholars Panel, University of Michigan
- October 2021: Ronald E. McNair Scholars Alumni Panel, Cal Poly Pomona

## CERTIFICATES

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- Fundamental Neuroscience for Neuroimaging Certificate, Johns Hopkins University, Coursera (In progress)
- 2025: Graduate Teaching Certificate, Center for Research on Learning and Teaching, University of Michigan
- 2024: Data Science Graduate Certificate, Michigan Institute for Data Science, University of Michigan
- 2024: Diversity, Equity, and Inclusion Certificate, Rackham Graduate School, University of Michigan

## TRAININGS

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- Responsible Conduct of Research for Graduate Students and Post-Bacs, National Institutes of Health, 2025

- Summer Intensive Series, National Institute on Aging, 2023
  - Track: Health Disparities
- National Institutes of Health Trainings, 2023:
  - Information Security
  - Laboratory Safety
  - Human Subjects Research
- CITI trainings (under National Institutes of Health Requirements), 2023:
  - Biomedical 101
  - Good Clinical Practice (US FDA focus)
  - Social and Behavioral Research
- Inter-university Consortium for Political and Social Research (ICPSR) Summer workshops, 2022:
  - Regression I (grade: A)
  - Race and Ethnicity Quantitative Methods I (grade: A)
  - Race and Ethnicity Quantitative Methods II (grade: A+)
- fMRI training course, 2021
- University of Michigan PEERRS training, 2021

## **MEMBERSHIPS AND AFFILIATIONS**

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- Gerontological Society of America (GSA), October 2021-present
- Association of Psychological Sciences (APS), February 2022-present
- Society for the Study of Human Development (SSHD), August 2023-present
- International Society for the Study of Behavioral Development (ISSBD), February 2024- present
- Institute for Social Research, University of Michigan, August 2021-December 2024

## **TECHNICAL SKILLS**

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- Platforms: SPSS, E-Prime, MATLAB, R/RStudio, Stata, PsychoPy, SPM fMRI

## **LANGUAGES**

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- English: Native Language
- Spanish: Intermediate Listener, Intermediate Speaker, Intermediate Writer