

Anthony Rebello

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Undergraduate Researcher

Undergraduate researcher investigating cognitive flexibility and memory strategy use in rhesus macaques. Designed and implemented an independent research project at the Emory National Primate Research Center examining how monkeys adapt working memory strategies to task demands. Experienced in cross-species experimental design, behavioral data collection, and statistical analysis using R and Python.

EDUCATION

Bachelor of Science in Psychology, **Emory University (Expected May 2026)**

Relevant Coursework: Research Methods, Cognition, Statistics, Computer Science

Associate of Arts, **Oxford College of Emory University**

05/2024

TECHNICAL SKILLS & COMPETENCIES

Programming & Analysis: R, Python, SPSS, MATLAB, Excel (Advanced)

Research Methods: Experimental Design, Behavioral Testing, Statistical Analysis, Data Visualization, Scientific Writing

Laboratory Skills: Protocol Development, Primate Cognition Studies, Animal Handling

RESEARCH EXPERIENCE

Undergraduate Researcher, Laboratory of Comparative Primate Cognition, Emory National Primate Research Center

5/2024 – Present

- Design and implement cognition experiments with rhesus macaques, focusing on memory processes and strategy flexibility.
- Program and maintain behavioral tasks, personally test and train monkeys, and analyze performance data using R and Python.
- Conduct an independent study investigating prospective vs. retrospective working memory strategies using match-to-sample and many-to-one paradigms.
- Lab responsibilities include data analysis support, technical development, and active participation in weekly meetings and discussions.

Research Assistant, Oxford College of Emory University Environmental Science Department

04/2023 – 05/2024

- Conducted environmental field research on erosion control, helping optimize sustainable practices for the Oxford Organic Farm
- Collaborated with faculty to design and implement soil erosion measurement techniques

PUBLICATIONS & PRESENTATIONS

Rebello, A., Cordish, B., Womack, J., & Piramal, N. (2024). An Experiment on Attention: How Break Quality and Length Impact Attentional Restoration. Poster presented at Psychology Department Research Symposium, Emory University, Atlanta, GA. [December, 2024]

INVOLVEMENT & ENGAGEMENT

Mentor, Psi Chi, Emory University

08/2024 – 05/2025

- Mentored underclassmen in navigating coursework, internships, and academic planning in weekly sessions
- Provided support on transitioning to college life, shared departmental resources and research opportunities
- Selected as a member of Psi Chi Mentorship Program based on academic achievement and engagement in the Psychology department

Upperclassmen Representative, Emory University Running Club

08/2024 – Present

- Co-organized events and transportation logistics for student races
- Led outreach and planning for student races and weekly training sessions

Resident Assistant, Oxford College of Emory University

05/2023 – 05/2024

- Fostered relationships among first- and second-year students
- Organized monthly hall activities for residents
- Share relevant safety, health, and academic information through posters, flyers, and hall meetings

President, Oxford College of Emory University Outdoor Club

05/2023 – 05/2025

- Oversees club finances, activities, elections, and advertising
- Liaison between faculty advisor and club executive board

First Year Representative, Oxford College of Emory University Outdoor Club

09/2022 – 05/2023

- Plan and oversee outdoor and adventure activities for college students
- Liaison between upper-classmen on the Executive Board and lower-classmen club members when discussing upcoming events
- Team player, working with different board members with a variety of roles to plan and carry out events