Ezra M. Wingard

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EDUCATION

M.A., History, Concentration in Public History, *College of Charleston (CofC)* 2026 – Present

- Co-writer for Avery Research Center's "Avery and its Legacies" Digital Exhibit

B.A., Psychology, Cognitive Science with Honors & Minor in French, *State University of New York (SUNY) Oswego* 2023

- Honors Thesis: The Impact of Biases in Facial Recognition Artificial Neural Networks
- Advisors: Theo Rhodes & John K. Lindstedt

PROFESSIONAL AND COMMUNITY EXPERIENCE

Digital Library Analyst, *Lowcountry Digital Library, CofC* Aug. 2025 – Present

- Catalog following the MODS schema using approved thesauruses for controlled subject headings
- Upload over 18,000 files to 50+ digital collections in various formats, including text, multimedia, and image data
- Execute digital information search and retrieval processes, supporting digital reference services for partner organizations

Peer Support & Social Group Facilitator, *Harriet Hancock Center* Nov. 2024 – Jul. 2025

- Facilitate and lead group discussions with up to 20 attendees per month, focusing on mental health and peer support
- Collaborate with the Communications Coordinator to create social media posts and boost engagement peer groups

RESEARCH EXPERIENCE

Psychology Summer Camp, *Brain Research Across Development Lab, Study of Trauma, Adolescents, Relationships & Resilience Lab, University of South Carolina (UofSC)* Jun. – Jul. 2025

- Recorded detailed behavioral observations across activities, tracking mood, participation, and social interaction
- Coordinated four weeks of psychology summer camps for 20 adolescents, overseeing logistics, staff and camper management

Rooster Tales Summer Camp, *Brain Research Across Development Lab, Theater Department, UofSC* Jun. 2024, 2025

- Administered protocol for 7 survey measures for a study on a theatre summer camp in autistic adolescents ages 10-14
- Developed, formatted, implemented, and tracked 2 survey databases for completion for 8-9 participants in REDCap

Research Assistant, Brain Research Across Development Lab, *University of South Carolina (UofSC)* 2024 – 2025

- Manage and mentor up to 12 interns, developing systems to improve organization and communication across leadership and staff for multiple projects
- Identified and implemented system and process improvements, increasing productivity and task management by 40%.
- Develop and maintain 6 REDCap databases containing 30+ measures, ensuring compliance to study protocols
- Design and implement experimental tasks, creating 2 novel tasks and refining 3 existing paradigms

Volunteer Researcher, Study of Trauma, Adolescents, Relationships, & Resilience, *UofSC* 2023 – 2026

- Author a research paper and refine introduction, methods, results, and discussion sections
- Ensure accuracy and consistency of results by re-running 20 analyses on two separate datasets using R

Volunteer Data Collector, JKLAB (PI: John K. Lindstedt), *SUNY Oswego* 2022

- Recruited participants through SONA Systems, ensuring strict adherence to lab guidelines and procedures
- Created and refined 10 experimental auditory stimuli using Audacity

Volunteer Research Assistant, Cognitive Neuroscience Lab (Co-PI: Sien Hu, Theo Rhodes), *SUNY Oswego* 2021 – 2023

- Developed a comprehensive script to analyze behavioral functional magnetic resonance imaging (fMRI) data on reaction time dynamics for two participant groups
- Completed a safety exam and earned certification to use the 3T CABIN MRI machine at the University of Rochester

Volunteer Research Assistant, Relationships Across Development Lab (PI: Matthew Dykas), *SUNY Oswego* 2020 – 2021

- Collected data from 10 participants via Zoom, adhering to study protocols and maintaining confidentiality
- Presented preliminary research findings through a poster presentation at SUNY Oswego's annual research symposium.

PUBLICATIONS

1. **Wingard, E.M.** (2027, *in prep*). *And They Were There*. Against the Grain. (article)
2. **Wingard, E.M.** (2027, *in prep*). *And They Were There*. Against the Grain. (article)
3. **Wingard, E.M.,** Cheever, A. (2024). *Importance of Inclusion in Science*. Brain Research Across Development Laboratory, Lab Discussions in Neuroscience. (article)
4. **Wingard, E.M.** (2023, May). *The Impact of Biases in Facial Recognition Artificial Neural Networks.* Illuminate NRHC, **5**, 25-32. (paper)

SELECTED PRESENTATIONS

1. Nelson, K., R., Nelson, C. M., Johnson, M., **Wingard, E. M.,** Hudac, C. M. (March & April, 2026). *When a Face Feels Familiar: How Connections Influence Adolescent Brain Responses to Friend's Faces*. Presented at the 2026 Institute for Mind and Brain Conference: Creativity in Human and Artificial Systems, Columbia, SC. Presented at the 2026 Society for Research on Adolescence Conference, Toronto, Canada. (poster)
2. **Wingard, E.M.** (2026, August). *Beyond the Black Box: Digital Library Workflows for the Lowcountry Digital Library.* Presented at LibLearning Retreat, Charleston, SC. (slides)
3. **Wingard, E.M.,** Nelson, C.M., Xia, M., & Hudac, C.M. (2025, April). *Is Friendship in the Cards? How Adolescent Brains Make Quantity Decisions Involving Friendship.* Presented at the Social & Affective Neuroscience Society annual meeting, Chicago, IL. (poster)
4. Johnson, M., **Wingard, E.M.,** Nelson, C.M., & Hudac, C.M. (2025, April). *Do I know you? Influence of adolescent social interactions on brain responses to familiar and AI-generated faces.* Presented at the Social & Affective Neuroscience Society annual meeting, Chicago, IL. (poster)
5. Arcement, J., Patel, M,. **Wingard, E.M.,** Cheever, A., McFadden, J., Nelson, C.M., & Hudac, C.M. (2025, April). *The Influence of Anxiety on Social Preferences in Adolescents: Exploring Group Size and Duration Choices.* Presented at DiscoverUSC, Columbia, SC. (poster)
6. Hersey, J., Du Plessis, V., **Wingard, E.M.,** McFadden, J., Nelson, C.M., & Hudac, C.M. (2025, April). *Social Quantity Preferences in Adolescence: Investigating the Correlation between the Need to Belong and Decisions in Social Quantity.* Poster at DiscoverUSC, Columbia, SC. (poster)
7. Nelson, C. M., Johnson, M., **Wingard, E. M.**, & Hudac, C. M. (2024, May). *Characterizing friendships and other relationships in autistic adolescents*. Talk at The Love Consortium, Chapel Hill, NC. (slides)
8. Hersey, J., Morgan, A., Cheever, A., Nelson, C.M., **Wingard, E.M.**, & Hudac, C.M. (2024, April). *Exploring Nonverbal Communication Differences Among Individuals in Romantic Partnerships: A Neuroscientific Perspective.* Award-winning section poster presented at DiscoverUSC, Columbia, SC. (poster)
9. McCune, M., Turner, B., Vidal, L., Nelson, C.M., **Wingard, E.M.**, & Hudac, C.M. (2024, April). *The Adolescent Brain: Quantifying the Relationship Between Social Awareness and Perception of Upright and Inverted Faces.* Presented at DiscoverUSC, Columbia, SC. (poster)
10. Khan, M., Patel, M., Tuppale, B., **Wingard, E.M.**, Nelson, C.M., & Hudac, C.M. (2024, April). *The Effect of Sleep Quality as Measured by Couple's Sleep Performance in Charades.* Presented at DiscoverUSC, Columbia, SC. (poster)
11. Johnson, M., **Wingard, E. M.**, Nelson, C.M., & Hudac, C.M. (2024, April). *Do I Know You? Brain Responses to Familiar and AI-Generated Faces.* Presented at DiscoverUSC, Columbia, SC. Presented at the Social & Affective Neuroscience Society annual meeting, Toronto, Canada. (poster)
12. **Wingard, E.M.** (2023, April). *The Impact of Biases in Facial Recognition Artificial Neural Networks.* Presented at Northeast Regional Honors Conference (NRHC), Pittsburgh, PA. (poster)

SERVICE & LEADERSHIP

For the public:

Librarian-in-Training & Translator, *OpenLibrary* 2026 – Present
Editor, *Social Networks and Archival Contexts* 2026 – Present
Volunteer, *Wikimedia Foundation* 2026 – Present
Transcriber, Translator 2025 – Present
Library of Congress, Zooniverse, Smithsonian, National Archives, South Carolina Historical Society, Colored Conventions Project, Lowcountry Digital Library, WikiSource 2026 – Present
Volunteer Software Developer**,** *FreeMoCap Foundation* 2025
Volunteer Research Judge, *SC Junior Science and Humanities Symposium (JSHS), University of South Carolina Region II Science and Engineering Fair, DiscoverUSC* 2024 – 2025
B-RAD Lab Outreach, presentations at *Neuroscience Club (University of South Carolina), Alianza Latina* 2024 – 2025

For the discipline:

Peer Review, *DigitalArc Toolkit*
2026
"Against the Grain" reporter, *Charleston Conference* 2027

For the College of Charleston:

Buist Academy Digital Research Mentor 2026
Graduate Historical Society Leadership Council (Secretary of the Public History Division) 2026 – Present

For the University of South Carolina:

Carolina Autism and Neurodevelopment Research Center (CAN) Trainee Committee 2024 – 2025
Advisory Board Member, Ph.D. Candidate, Rhys Dreeszen-Bowman, *University of South Carolina* 2024 – 2025
Thesis Advisor, Ph.D. Candidate, Miranda Foster*, University of South Carolina* 2024

For the State University of New York at Oswego:

Graduates Of the Last Decade (GOLD) Leadership Council, *SUNY Oswego Alumni Engagement* 2025 – 2026

TECHNICAL SKILLS AND CERTIFICATIONS

- Trained in National Association of Interpretation (NAI) interpretive guiding principles

Programming Languages:

- SPSS
- Python
- R (tidyverse)
- MATLAB
- HTML, CSS, JavaScript
- Git

Software and Applications:

- Adobe (Photoshop, Acrobat)
- MS Office (**Excel**)
- Google Suite
- ResourceSpace
- WordPress
- GitHub

Languages:

- French (C1, Near Fluency)
- ASL (Conversational)
- Spanish (A2, Beginner)

HONORS & AWARDS

- Principal's Fellowship Award ($2,334), College of Charleston 2026
- Cistern Standard Award of Integrity, College of Charleston 2025
- TransTech Social x Linux Foundation Training & Certification Scholarship ($600) 2024
- SUNY Oswego Student Travel Award ($325), SUNY Oswego 2023
- Distinguished Cognitive Science Senior Award & Excellence in French Award, SUNY Oswego 2023

PROFESSIONAL MEMBERSHIPS

National Emerging Museum Professional Network	2026 – Present
Charleston Archives, Libraries and Museums Council (CALM), Member	2026 – Present
Social Networks and Archival Contexts (SNAC), Member	2026 – Present