

May 2025

Liam W. Hart

Ph.D. Student

School of Cognition & Brain Sciences | Georgia Institute of Technology

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RESEARCH INTERESTS

Areas of specialization

Cognitive Aging, Autobiographical Memory

Areas of competence

Natural Language Processing

EDUCATION

2029 (expected)	Ph.D.	Georgia Institute of Technology Psychology (Adult Development and Aging) Dissertation: <i>Forthcoming</i> . Advisor: Hsiao-Wen Liao, Ph.D.
2026 (expected)	M.S.	Georgia Institute of Technology Psychology (Adult Development and Aging) Thesis: <i>Forthcoming</i> .
2018 – 2021	B.S.	Grand Valley State University Psychology Major, Applied Statistics Minor Research Designation and Honors

RESEARCH EXPERIENCE

2024 –	PhD Student, Janus Laboratory , Georgia Institute of Technology Project: <i>Investigating Age Differences in High and Low Points with Natural Language Processing</i> Advisor: Hsiao-Wen Liao, Ph.D.
2023 – 2024	Clinical Research Coordinator , Henry Ford Health Project: <i>BRIGHT Trial</i> Principal Investigator: Samantha Tam, M.D.
2020 – 2023	Undergraduate Researcher, Social Cognition Lab , Grand Valley State University Project: <i>Beliefs Influence Argumentative Essay Writing</i> Advisor: Michael Wolfe, Ph.D.
2019 – 2022	Undergraduate Researcher , Independent Study under Jing Chen, Ph.D., Grand Valley State University Project: <i>Curricular Interventions on Ageism in College Students</i>

2018 – 2019 **Undergraduate Research Assistant**, Exercise Science Lab, Grand Valley State University
 Project: *Effect of Pre-exercise Treatments on Power Output*

PUBLICATIONS

Peer-Reviewed Journal Publications

In preparation **Hart, L. W.**, & Liao, H. –W.
 Forthcoming.

2024 Wolfe, M. B. W. Russell, G., Williams, T., & **Hart, L. W.**
 Verification of Past Beliefs Influences Current Beliefs
The Open Psychology Journal

2024 **Hart, L. W.**, Wolfe, M. B. W. Russell, G., & Williams, T.
 Beliefs Influence Argumentative Essay Writing
Instructional Science

2023 **Hart, L. W.**, & Chen, J.
 Can a course on aging with a service-learning component change students' attitudes toward aging?
Educational Gerontology

INVITED TALKS

2023 **Hart, L. W.**
 Research, Student Scholarship, and Beyond: My Academic Journey.
Grand Valley State University Student Scholar's Day

CONFERENCE PRESENTATIONS

Peer-Reviewed Conference Presentations

2025 Sragi, Z., Elsiss, F., Adjei Boakye, E., Coyne, P., Zreik, M., Springer, K., Nair, M., Murphy, D., Copeland, L., Redding, A., Choi, E., **Hart, L. W.**, Chang, S., Hirko, K., & Tam, S.
 Enhancing PROM engagement: a mixed methods approach to reminder interventions and patient preferences in head and neck cancer.
American Head and Neck Society Annual Meeting (poster).

2024 Okifo, O., Adjei Boakye, E., **Hart, L. W.**, Wilson, C., Hirko, K., Al-Antary, N., Chang, S., Elsiss, F., Ryan, M., Zatirka, T., & Tam, S.
 Socioeconomic factors impacting equity in completion of patient-reported outcome measures among patients with head and neck cancer.
American Head and Neck Society (AHNS) Annual Meeting at COSM (poster).

2023 **Hart, L. W.**, Russel, G., Wolfe, M. B. W. & Williams, T.
 Beliefs influence argumentative writing.
Midwest Cognitive Science Conference (poster).

2022 **Hart, L. W.**, Russel, G., Wolfe, M. B. W. & Williams, T.
 Belief change after reading predicts argumentative essay content.
Annual Meeting of the Society for Text and Discourse (virtual talk).

2022 **Hart, L. W.**, Russel, G., Wolfe, M. B. W. & Williams, T.
 Information about past beliefs influences current beliefs.
Midwestern Psychological Association Conference (poster).

2020 **Hart, L. W.**
 Effect of mindfulness meditation on life satisfaction and self-esteem in
 retirement home residents.
Art and Science of Aging Conference (poster).

Institutional Presentations & Symposia

2025 **Hart, L. W.**
Forthcoming.
Georgia Institute of Technology School of Cognition & Brain Science Brownbag (talk).

2024 **Hart, L. W.**, Slavin-Spenny, O., Halama, F., McLeod, T., Schultz, R.,
 Tam, S., Chang, S., & Graboyes, E.
 Effects of a brief cognitive behavioral treatment vs attention control for
 body image-related distress among head and neck cancer survivors: a
 multi-site RCT.
Henry Ford Health Annual Research Symposium (poster).

2022 **Hart, L. W.**, & Russel, G.
 Information about past beliefs influences current beliefs.
Grand Valley State University Student Scholars Day (poster).

2021 **Hart, L. W.**
 Information about past beliefs influences current beliefs.
Grand Valley State University Student Summer Scholars Showcase
 (talk).

2021 **Hart, L. W.**
 Can ageism be reduced by service learning built in a lecture-based aging
 course?
Grand Valley State University Student Scholars Day (virtual talk).

2019 Gordon, J., **Hart, L. W.**, Montalbano, J., Warner, A., & Zanders, S.
 The effect of different pre-exercise treatments on power output.
Grand Valley State University Student Scholars Day (poster).

TEACHING EXPERIENCE

2025 **Lab Instructor**, Georgia Institute of Technology
 Instructed weekly labs and advised students on course material
 – *Cognitive Psychology (PSYC 4011)*, Fall 2025

2024 – 2025 **Teaching Assistant**, Georgia Institute of Technology
 Graded assignments, created course materials, and held office hours
 – *General Psychology (PSYC 1101)*, Spring 2025
 – *Developmental Psychology (PSYC 2103)*, Fall 2024, Summer 2025

2021 **Peer Mentor**, Psych Friends, Grand Valley State University
 Met 1 on 1 with undergraduate psychology students

FELLOWSHIPS, GRANTS, & RECOGNITION

Fellowships & Scholarships

2024 – 2028 **President's Fellowship**, Georgia Institute of Technology
Awarded to top 10 percent of incoming doctoral students
 \$24,000

2018 – 2021 **Award for Excellence**, Grand Valley State University
Incoming freshman merit scholarship
 \$17,500

2018 – 2021 **Faculty Scholarship**, Grand Valley State University
Incoming freshman merit scholarship
 \$7,000

Research & Travel Grants

2022 **Regional Conference Travel Grant**, Psi Chi
 \$320

2022 **Conference Travel Grant**, Office of Undergraduate Research, Grand
 Valley State University
 \$500

2021 **Student Summer Scholars Grant**, Office of Undergraduate Research,
 Grand Valley State University
 L. W. Hart and M. B. Wolfe.
Project: Do changes in past beliefs influence current beliefs?
 \$7,750.

Honors & Awards

2022 **Excellence-in-a-Discipline Award**, Grand Valley State University
Recognizes one undergraduate student in each discipline

2022 **Robert Hendersen Leadership Award**, Psychology Department,
 Grand Valley State University
Recognizes one psychology student for effective leadership on campus

2022 **Outstanding Creative Achievement**, Frederik Meijer Honors College,
 Grand Valley State University
*Project: Perspectives on Psilocybin: The Science and Mysticism of Magic
 Mushrooms (Podcast)*
Selected as one of five recipients for outstanding honors senior projects

2021 **Undergraduate Research Scholar Designation**, Grand Valley State University
Recognized for excellence in disciplinary knowledge, research skills, ethics, and communication.

2019 – 2021 Dean's List, Grand Valley State University

OPPORTUNITIES PURSUED

2025 **NSF Graduate Research Fellowship Program (GRFP)**
Submitted – Psychology Panel | National Science Foundation
Project: *Forthcoming*

PROFESSIONAL DEVELOPMENT

2026 **Tech To Teaching Certificate**, Center for Teaching and Learning, Georgia Institute of Technology
Certificate program in college teaching, emphasizing evidence-based pedagogy, course planning, and supervised teaching practice

2025 **Neuromatch Academy Deep Learning Certificate**
Intensive program which covers neural networks, optimization, transformers, generative models, and reinforcement learning

PROFESSIONAL SERVICE

Organization of Conferences & Professional Meetings

2025 Organizer, Cognitive Brain Sciences and Aging Brownbag

Institutional Engagement

2025 Poster Judge, Annual Conference of Psychological Research at Georgia Institute of Technology

2022 Panelist, Grand Valley State University Undergraduate Research Fair

Leadership

2025 – Trip Leader, Outdoor Recreation Georgia Tech

2021 President, Grand Valley State University Psi Chi Chapter

Reviewing Work

Ad-hoc reviewer, Educational Gerontology

Memberships

Member, American Psychological Association & Division 20

Member, Association for Psychological Science

Member, Gerontological Society of America

Member, Society for Applied Research in Memory and Cognition

Member, Psi Chi

TECHNICAL SKILLS

Tool	Proficiency	Experience	Packages / Applications
Python	Proficient	General programming, deep learning	numpy, matplotlib, seaborn, pandas, sklearn, pytorch, transformers
R	Proficient	Statistical analysis	tidyverse packages, lme4, stm
Qualtrics	Competent	Data collection, experimental design	
REDCap	Competent	Data collection, experimental design	
Prolific	Competent	Data collection	
LaTeX	Familiar	General	

ACADEMIC REFERENCES

Hsiao-Wen Liao

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 Georgia Institute of Technology
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 Grand Valley State University
 (616) 331-2989
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