

# Samantha Haas

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## EDUCATION

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- Master of Science in Neuroscience** 08/2023 – 05/2024 (Expected)  
University of Delaware, *College of Arts and Sciences* Newark, DE  
Thesis: *Gender and Race as Moderators of Sadness and Pain Perception*  
(Advisor: Dr. Peter Mende-Siedlecki)  
GPA: 4.000
- Bachelor of Science in Neuroscience (Honors)** 08/2019 – 05/2023  
**Bachelor of Arts in Psychology (Honors)** 08/2019 – 05/2023  
University of Delaware, *College of Arts and Sciences* Newark, DE  
Major GPAs: 3.949 (Neuroscience), 3.900 (Psychology) | Cumulative GPA: 3.969  
Minors: *Sexuality and Gender Studies, English*

## HONORS AND AWARDS

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- The 2023 Carol Mueller Plasket Award** (\$5,000), University of Delaware 2023
- Research award given to one outstanding student recognized as a promising young scholar in Psychology or Neuroscience
- Dean's List**, University of Delaware 2019 – 2023
- Fall 2019, Spring 2020, Fall 2020, Spring 2021, Fall 2021, Spring 2022, Fall 2022, Spring 2023

## MANUSCRIPTS

\* denotes co-first authorship

- Haas, S.\***, Mullin, G.\*, Williams, A., Reynolds, A., Tuerxuntuoheti, A., Reyes, P., & Mende-Siedlecki, P. (*under review*). Racial bias in pediatric pain perception. Preprint available at <https://osf.io/preprints/psyarxiv/92m5p/>, data and materials available at <https://osf.io/5hbka/>.
- Haas, S.**, Huang, Y., Mullin, G., & Mende-Siedlecki, P. (*in prep*). Gender identity and appearance shape sadness and pain perception from the bottom up and top down. Procedures and hypotheses preregistered on AsPredicted (<https://aspredicted.org/g9yr8.pdf>, <https://aspredicted.org/ch4bb.pdf>, <https://aspredicted.org/k46fz.pdf>, <https://aspredicted.org/tf7js.pdf>, <https://aspredicted.org/c9cb4.pdf>, <https://aspredicted.org/4zm9g.pdf>).

## POSTER PRESENTATIONS

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- Haas, S.** & Mende-Siedlecki, P. (2024). Target gender appearance, gender identity, and race influence emotion perception. Presented at the *Eastern Psychological Association Conference*, March 2024, Philadelphia, PA. Available [online](#).
- Haas, S.** & Mende-Siedlecki, P. (2023). Gender and race as moderators of sadness and pain perception. Presented at the *Annual University of Delaware Summer Research Symposium*, August 2023, Newark, DE. Available [online](#).
- Haas, S.**, Huerta, W., Stumps, A., & Sadeh, N. (2022). Lifetime discrimination as a predictor of amygdala and hippocampal volume in a community sample. Presented remotely at the *Annual University of Delaware Summer Research Symposium*, August 2022, Newark, DE. Available [online](#).
- Haas, S.**, Bounoua, N., & Sadeh, N. (2021). Cognition by emotion interactions differentiate self- and other-directed violence in adults. Presented remotely at the *Annual University of Delaware Summer Research Symposium*, August 2021, Newark, DE. Available [online](#).

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## RESEARCH EXPERIENCE

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**Graduate Research Associate** 05/2023 – present  
Mende-Siedlecki Lab (PI: Dr. Peter Mende-Siedlecki), University of Delaware Newark, DE

- Conduct Master's thesis research, including proposal, study design, data collection, statistical analysis, and manuscript composition
- Mentor and supervise undergraduate research associates on research tasks (e.g., stimulus generation, survey development)

**Undergraduate Research Associate** 08/2022 – 05/2023  
Mende-Siedlecki Lab (PI: Dr. Peter Mende-Siedlecki), University of Delaware Newark, DE

- Led a project examining racial biases in pediatric pain perception
  - Generated digitally-rendered face stimuli using FaceGen
  - Programmed experimental tasks in Qualtrics
  - Cleaned, analyzed, and interpreted data
  - Co-authored and submitted the manuscript for review at an academic journal
- Screened participant eligibility and ran computer-based in-lab experiments examining gaze direction with face stimuli

**Undergraduate Research Associate** 06/2021 – 08/2022  
Personality & Dysregulation Lab (PI: Dr. Naomi Sadeh), University of Delaware Newark, DE

- Conducted research and created scientific posters for Summer Research Scholars projects in Summer 2021 and Summer 2022 (see Poster Presentations section)
- Assisted in running ongoing research projects by communicating with research team members to complete necessary steps for data collection, organization, and analysis
- Coordinated participant visits by administering surveys and tests to collect data
- Administered neuropsychological tests to participants, including the Wechsler Adult Intelligence Scale (WAIS) Digit Span, WAIS Vocabulary, WAIS Symbol Search, and Stroop Neuropsychological Screening Test (SNST) Color-Word Interference Tasks
- Assisted with data collection at participant MRI sessions, including preparing the participant for the visit and administering computer tasks during scanning
- Preprocessed functional, resting state, and structural neuroimaging data according to standards set by the Principal Investigators
- Managed data and participant information in organizational software, such as REDCap

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## TECHNICAL SKILLS & KNOWLEDGE

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**Data Analysis & Programming:** R Studio, SPSS

**Data Collection:** Qualtrics, Prolific, SONA, REDCap

**Other Software:** FaceGen 3D-Modeling Software, Microsoft Office, Google Platforms (Drive, Docs, Sheets, Slides, Calendar, Forms)

**Relevant Coursework:** Psychology Research Methods, Psychology Methods & Statistics, Psychopathology, Social Psychology, Social Neuroscience, Trauma & Resilience, Nature vs. Nurture, Advanced Neurophysiology, Advanced Psychopathology (audit), Independent Research

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## TEACHING EXPERIENCE

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**Graduate Teaching Assistant** 09/2023 – Present  
PSYC380 Psychopathology (Instructor: Dr. Naomi Sadeh) Newark, DE  
University of Delaware

- Develop and lead in-class activities to facilitate student interaction with the material
- Create questions to be used on exams
- Grade assignments and projects

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## ADDITIONAL EXPERIENCE

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**Independent Math Tutor** 09/2023 – Present

- Teach math concepts (e.g., algebra, geometry) via theoretical breakdown and practical application
- Prepare materials to gear sessions towards the needs of the tutee

**Writing Fellow** 08/2021 – 05/2023

Writing Fellows Program, University of Delaware Newark, DE

- Helped students develop analytical and editing skills geared toward their extent of writing knowledge
- Read student papers and provided comments to draw attention to organization, topic, and thesis
- Held half-hour conferences with students to discuss their papers and work on resolving discrepancies between intended and actual reader interpretation to increase the effectiveness of the argument
- Developed time management skills to balance commitment to tutees with personal academic and extracurricular load

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## PROFESSIONAL MEMBERSHIPS & AFFILIATIONS

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Member, Phi Beta Kappa 05/2023 – Present

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## ACTIVITIES

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**University of Delaware Marching Band** 08/2019 – Present

*Drum Captain* Newark, DE

- Led all marching percussion sections throughout the duration of the season
- Communicated between staff and members to facilitate efficiency and understanding

*Snare Drum Performer* 08/2019 – Present

- Memorized and combine music and visual movement for show production Newark, DE
- Performed at events for university sports and recruitment
- Learned about the importance of commitment to oneself, others, and an organization

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## VOLUNTEER WORK

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**Joe Webster's Meals for Children in Need** 06/2020 – 08/2020

*Meal Packaging Volunteer* Eagleville, PA

- Met weekly to organize and package donated food to be distributed to families of children in need throughout Montgomery County, PA
- Helped alleviate economic strain on disadvantaged families during the COVID-19 Pandemic

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## REFERENCES

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**Dr. Naomi Sadeh**

Associate Professor and Director of Graduate Education

Department of Psychological and Brain Sciences

University of Delaware

302-831-6146

[nsadeh@udel.edu](mailto:nsadeh@udel.edu)

**Dr. Peter Mende-Siedlecki**

Associate Professor

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University of Delaware

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