

Odessa Goldberg

Junior at Yale University | Home: Mill Valley, California | 415-272-8084 | odessa.goldberg@yale.edu | odessagoldberg.com | GPA: 3.87

Objective

NA

Experience

Spring 2024

Research Assistant, Emotion, Healthy and Psychophysiology Lab at Yale University, under the guidance of Dr. Wendy Berry Mendes

- Recruiting and scheduling participants in dyad experiments
- Running experiments (applying physiological sensors like impedance tapes, electrocardiogram, skin conductance, heart pulses per minute)
- Scoring physiological data

Summer 2023

Research Assistant, Yuval Nir Lab at Tel Aviv University, under the guidance of Dr. Flavio Schmidig

- Running 22 participants independently in our memory eye-tracking study w/explicit report
- Running 7 participants in fMRI without supervision
- Setting up and implementing protocol for scheduling and screening for fMRI
- Suggesting an alternate version of the experiment to refine our hypothesis
- Assisting in drafting an abstract for a conference paper
- Brainstorming and analyzing data to figure out a metric for the best-performing animations
- Analyzing pupil data using pupillometry techniques

Spring 2023

Research Assistant, Taylor Lab at Yale School of Medicine, under the guidance of Dr. Summer Thompson

- Caretaking of mice (feeding, weighing, changing water)
- Slicing and labeling of mice brains using Cryostat
- Research regards decision-making and the gut microbiome

Summer 2022

Research Assistant, Computational Psychiatry and Affective Cognitive Neuroscience Lab with Prof. Sonia Bishop

- Assisting with fMRI sessions
- Recruiting participants by reaching out to clinics and distributing flyers for the study
- Interacting with participants (scheduling sessions, confirming eligibility, screening for fMRI)
- Running subjects through behavioral sessions
- Teaching myself R to complete data analysis on cognitive tasks like n-back and SART
- Calibrating electrical stimulation using Digitimer

Spring 2021 and Fall 2022

Research Assistant, Social Cognitive Development Lab with Prof. Yarrow Dunham

- Modifying and implementing a study in Qualtrics
- Running studies with children over zoom
- Adding to a literature review
- Brainstorming questions for a future study
- Recruiting participants

2020-2022

Research Intern, Cognitive Biology Lab, UC Berkeley, with Prof. Lucia Jacobs

- Researching and synthesizing the morphology, ecology, and behavior of mammals (specifically primates, macropodidae and bovidae)

- Summarizing published papers on behavior, ecology, evolution, and morphology of mammals.
- Collecting, entering, analyzing, and presenting data using Google Sheets and SPSS

2020

Research Intern, Neuroscapes Center UCSF, with Dr. Adam Gazzaley

- Compiling a literature review on human stress and cognition based on 150 published papers.
- Presenting findings to entire center via 20 minute presentation

2023-2024

Hillel Student Board Co-President, Hillel Student Board, Yale University

- Serving as a staff-facing student
- Organizing and facilitate community-wide meeting
- Managing a 10-person board and represent approximately 780 Jewish students
- Organize 90-person retreat in line with Shabbat observance

2021-2022

Community-Building Chair, Hillel Student Board, Yale University

- Creating events to serve a larger cross-section of the Yale community including Jewish Poetry Night, Curb Your Enthusiasm Study Break, and Jews & Psychedelics Discussion Series
- Assisting Board in creating larger events like Slifka Retreat (eg. finding a location and planning activities)

2021-

Head Coordinator, Yale Community Kitchen, Yale University (former Volunteer; Coordinator)

- Managing a team of 27 coordinators and 160 monthly volunteers
- Writing and applying for grants
- Preparing/serving food weekly to community members facing food insecurity
- Picking up leftover food from dining halls
- Directing volunteers on how best to prepare the food
- Managing a complex array of food items to be heated up and served in a short time period

2023-

Founder and Organizer, Jews & Psychedelics Symposium, Yale University

- Selecting and arranging speakers on a range of related-subjects
- Preparing interview questions
- Leading interview with speakers

2021-

Board Member (non-voting), Downtown Evening Soup Kitchen – ex-officio due to role as head coordinator for YCK

- Attending monthly board meetings
- Offering advice/suggestions based on my role in the Yale Community Kitchen

2023-24

Member, Jewish Women's Conference Steering Committee

- Contacting and arranging speakers and panelists
- Organizing Shabbat-day programming

2023-24

Writer, Weekly Newsletter: Odessa's Oddities & Curiosities

- Collecting interesting morsels and compiling into highly readable weekly newsletter with 125 subscribers

2021-

Lead Instructor, Yale Krav Maga

- Teaching an array of defenses, punches, kicks, elbows, knees, and blocks
- Sending out reminder emails
- Coordinating the purchase of merchandise

2021-2022

Contributor, The Yale Scientific Magazine

- Contributing articles such as “Q&A: Can Brains Be Fossilized?”, “Can You Learn More Than a Fifth Grader or Does a Fifth Grader Think They Can Learn More Than You?”

2022-

Co-Chair, JStreet U Yale

- Organizing speaker events and film screenings
- Moderating conversations

2023-

Editorial Editor, Journal of Literary Translation

- Reviewing submissions to the journal
- Offering feedback on which submissions to accept

2021-2022

Volunteer, The Homework Helpline

- Assisting local New Haven K-8th grade public school students with homework for 2 hr each week
- Teaching fundamental math skills and assisting in essay-writing

2021-2022

Instructor, Splash, Yale University

- Teaching two introductory philosophy classes to high school students via Zoom

2021

Member, Legislative Advocacy Arm of Every Vote Counts, Yale University

- Researching voting legislation in Connecticut
- Organizing a Town Hall with candidates for Alder in local election

2021-2022

Member, Tech Policy Center of Yale Policy Institute, Yale University

- Researching the telecommunications industry in Africa, specifically Nigeria as a case study for internet access with domestic and international internet providers

2021-2022

Copy Editor, Asterisk Art Journal, Yale University

- Assisting in selecting and copy-editing papers for the journal

2021-

Staff Writer, The Record, Yale University

- Brainstorming and writing articles.

2021

Lead Instructor, TinkerTech Camp

- Designing engineering activities for kids (age 7-13) for seven hours each day
- Teaching engineering principles
- Supervising a group of children

2018-2021

Director of Debate, Norcal Junior State of America

- Deciding which debates get debated at two debate conventions, and which bills get debated at the mock Congress
- Coaching attendees on moderating
- Leading a ten-person department

2016 – 2020

Volunteer, Cyber-Seniors at the Redwoods Retirement Community

- Teaching seniors how to use email, apps, texting etc. weekly
- Gaining knowledge in information technology

2017-2021

President, Reaching Out with Robotics

- Teaching K-8 low-income students how to use LEGO Mindstorms and the foundations of robotics and programming
 - Designing an online robotics program for Spring 2020
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Education

Junior at Yale University (2021-2025) majoring in Cognitive Science with Certificate in Data Science

Tamalpais High School, Marin County (2017-2021)

Taken 10 Honors/AP Classes (incl. AP Computer Science A, AP Biology, AP Calculus BC)

Founder of the Tam High Philosophy Club

Skills

Computer: Experience with R, MINITab and SPSS data analysis tools, Box, Qualtrics HTML website editing, iMovie and all Google and Microsoft office tools. Passed fMRI safety quiz. Familiarity with Python, C, and Java. Participant recruitment and screening. fMRI, Cryostat

Typing: 70+ words per minute,

Language: Intermediate Hebrew, Proficient in Spanish, Beginner in Mandarin.

Misc.: Quick learner, Good memory, CPR Certified, California Driver's License, Level 5 Krav Maga, Guitar

Interests

Cognitive Science, Psychedelics, Neuroscience, Behavioral Economics, Gut-Brain Axis, Philosophy, Poetry (Slam Poetry), Public Speaking, Computer Science

Awards

- Class of 1971 Summer Science Fellowship
- Best Speaker in two debate at Fall State 2018 and Fall State 2019 and Winter State 2020 - Junior State of America
- Documentary Short, *First They Came*, accepted into four film festivals and won top honor at the OUR PRIDE VideoFest and screened at the Children's International Film Festival at ComicCon
- Three writing pieces selected for TeenInk Magazine; Poem Selected for Marin Teen Poetry Anthology
- Selected to perform poetry at Litquake
- Silver Medal (nationally) for Novel Writing and Silver Medal (nationally) for Poetry in the Scholastic Art & Writing Awards
- Selected as high school graduation speaker