

HANNAH GONZALES

P:

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EDUCATION

B.S.	University of California, Irvine - Psychology GPA: 3.51	<i>June 2023</i>
A.A	Citrus College – Psychology & Sociology GPA: 3.40	<i>June 2020</i>

RESEARCH EXPERIENCE

Dimsdale-Zucker Memory and Context Lab | UC Riverside *July 2023- Present*

P.I. Halle Dimsdale-Zucker

Lab Manager

Functional magnetic resonance imaging investigations of human memory across the lifespan. Quality control of anatomical and functional images. Creating IRB protocols, consent forms, lab websites, and manuals for the lab. Managing and hiring undergraduate research assistants. Weekly lab meetings to discuss current findings and new ideas for future projects.

Development of Social Cognition Lab | UC Irvine *April 2022-June 2023*

P.I. Nadia Chernyak

Research Assistant

Recruiting and running online Zoom and in-person studies with 150 children at various locations such as museums, parks, schools over a period of 5 months. Collected data and coded into RedCap, analyzing the data using R; Weekly meetings to discuss new findings and updates on current projects. Literature reviews investigating previous findings on social mobility. Summer Undergraduate Research Program Award recipient.

Structure in Perception and Cognition Lab | UC Irvine *January 2022-June 2023*

P.I. Jeff Rouder

Research Assistant

Investigating differences in information-processing abilities and developing new statistical methods through literature reviews and discussing previous findings in comparison to recent research results. Creating stimuli for surveys focusing on understanding how people view abstraction through qualitative or quantitative differences in topics such as letters, stylized pictures, and logos. Running studies investigating individual differences in optical illusions, inhibition tasks.

PROJECTS & PRESENTATIONS

Summer Undergraduate Research Program | UC Irvine *Summer 2022*

A full-time (400 hours) 10-week independent research investigation pertaining to children and their beliefs about a person's socioeconomic status, and how it influences opinions about social mobility in advantaged and disadvantaged groups. Created stimuli with varying conditions. Met weekly with graduate students and other lab members to discuss progress of

the project. Conducted data analysis and created a poster for presentation. Will present Spring 2023.

RESEARCH SKILLS

Programming: R (Intermediate), Matlab (Intermediate), Python (Beginner)

Computer skills: RedCap, JASP, Zoom, Microsoft Suite

Neuroimaging software: BrainVoyager, FSLeys

Organization: Able to balance and prioritize workloads efficiently

Teamwork: Able to work well with others and group settings

Detail-Oriented: Able to follow directions and checks for quality

RESEARCH INTERESTS

- Psychopathology research, more specifically: Anxiety disorders, psychosis, depression, and schizophrenia spectrum
 - Investigating causes and underlying effects as to why one individual may develop a mood or personality disorders compared to another, effects from environment, nature vs nurture.
- Traumatic Brain Injury research, understanding damage to different areas of the brain and its effects on behavior and mental health.
- Neuropharmacology, understanding the effects of drugs and how they influence behavior and mood disorders.

HONORS AND AWARDS

Summer Undergraduate Research Program *Summer 2022*
UC Irvine
Awarded \$1500 to complete a full-time research project.

Dean's Honor List *Fall 2020, 2021, 2022, Spring 2022, 2023*
UC Irvine

President's List *Spring 2019, 2020, Fall 2019*
Citrus College

PROFESSIONAL ASSOCIATIONS

Nu Rho Psi *2021 - 2023*
Cognitive Science Association *2021 - 2023*
Tau Sigma National Honor Society *2020 - 2023*
Psychology Student Association *2020 - 2023*
MAES Latinos in Science and Engineering *2021 - 2023*

RELEVANT VOLUNTEER EXPERIENCE

Casa Colina Centers for Healthcare | Pomona, CA *June 2019 - April 2020*
Children's Services Department – Volunteer
Worked with Occupational and Speech therapists in creating and facilitating daily activities for high school students with mental disabilities such as ASD, to help them learn and practice social skills. Also worked with younger children with mental disabilities in summer camp programs and during the school year.

San Dimas Community Hospital | San Dimas, CA *January 2017- May 2017*
Family Medicine Department – Volunteer

Observed/Shadowed pediatricians in daily activities and tasks, helped with filing paperwork and documents. Also met with a pediatrician once a week to discuss future goals and career paths, current interests in the medical field.

Alice E Cortez Elementary School | Chino, CA
Elementary School – Volunteer

June 2019- March 2020

Worked with teachers and children with special needs to practice social skills and general education curriculum including Math, English, History, Art. Worked one-on-one with struggling students as well as supervised the entire class during lecture and recess. Presented demonstrations of specific tasks or projects to the class.

REFERENCES

Nadia Chernyak

Assistant Professor, Cognitive Sciences
School of Social Sciences
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Emily Grossman

Professor, Cognitive Sciences
School of Social Sciences
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Christine Lofgren

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