

Jessica Claire

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Professional Summary

Creative, unconventional, and introspective individual driven with the lifelong goal of trying to answer the questions: “What/who are we humans,” and “What is life?” Soft skills acquired from introspection and the practice of empathy include tenacity, mental toughness, detail orientation, and social skills. Hard skills acquired through academia (mainly) include a theoretical understanding and to an extent, practical understanding, of foundational laboratory methods and a well-established understanding of a broad scope of topics under the interdisciplinary field of neuroscience, including, but not limited to, neuroanatomy, language, sleep, audition, memory and learning, electrophysiology, neural stem cells, neurological diseases, neurodevelopment, and neuronal cell biology. Quarters of academic and both wet lab and dry lab involvement have cultivated a more well-rounded individual of science, and nourished a passion and urge for scientific exploration.

Education

Bachelor of Science: Neuroscience, 09/2022

University of California, Los Angeles (UCLA) - Los Angeles

Relevant Coursework Completed: basic lab and scientific methods, Neuroscience laboratory, anatomy of the central nervous system, cell and systems neural science, molecular and developmental neuroscience, behavioral and cognitive neuroscience, neuroscience of speech perception and vocal communication, biological evolution of language, neural stem cells: biology, diseases, and therapies, development of the nervous system, clinical neuroscience: new concepts in neurological disorders, neurobiology of sleep, dynamic systems modeling of physiological processes, comparative animal physiology, music, mind, and brain, brain imaging and brain stimulation, cellular and molecular mechanisms of learning and memory, elementary arabic, elementary latin

Business Leadership And Communication Study Abroad

University of Hong Kong - Hong Kong

- Relevant Coursework Completed: International areas studies: Business Leadership and Communication 110A & International areas studies: Business Leadership and Communication 110B

Dual High School Enrollment

Community College of San Francisco - San Francisco

- biotechnology seminar course
- biotechnology lab techniques course
- bacteria cell culturing
- solution making
- working with plasmid DNA

High School Diploma: 06/2018

Abraham Lincoln High School - San Francisco

- Awarded the honor of Valedictorian

High School Diploma: 06/2017

Central Chinese High School in America - San Francisco

- Relevant Coursework Completed: twelve years of Mandarin language and Chinese cultural and historical learning

Experience

Research Assistant in Iacoboni Lab, 01/2022 - Current

Ddb – Brooklyn, NY

Aid with transcranial magnetic stimulation (TMS) research:

- participate in hands-on research related to social neuroscience and clinical neuroscience (for example, implicit discrimination and autism), including but not limited to hardware set up, software manipulation, participant interaction (ie making sure participants are comfortable, "wiring up" them with electrodes)
- participant recruitment for sessions- posters, social media, word-of-mouth

Research Assistant in Lin Lab, 03/2022 - Current

Effective Altruism – City, STATE

participate in research focused on neurodevelopment:

- Effects of prenatal stress on adult male murine brain and behavior- participated in data collection to determine neurologically "normal" olfactory behavior
- wrote abstract "**Prenatal stress (PNS) promotes adult onset neurogenesis in the ependymal- subventricular zone of adult male offspring**" for SFN 2022, and presenting author for the paper
- asymmetry in the developing (mice) brain: participate in cell staining experiments to determine Nr2f2 cellular/protein/mRNA asymmetry in the adult murine male brain relative to the prenatal brain using techniques of in-situ hybridization, immunohistochemistry, and microscopic (confocal, fluorescence) analysis

participation in upcoming stem cell research:

- currently performing a literature search on small molecules used for chemical reprogramming (interesting, many of them overlap with cancer research)

Research Team Member, 01/2022 - Current

AIESEC – City, STATE

- search for and read through papers related to a given topic in nutrition, health, and/or, fitness
- condense information to be presented at club meetings and events

Designer, 10/2021 - 12/2021

Academy Of Sciences – City, STATE

- Read and condense research material so as to design effective posters, brochures, and flyers for upcoming events
- Design and write social media posts to promote the club and upcoming health, nutrition, and fitness events
- Learn to work as a team and with other committees to effectively facilitate projects
- Take part in club outreach events, such as the GLEAN project (where we approach vendors in the Westwood Farmer's market asking if they are willing to donate food they know would go to waste to UCLA students with dependence, collect the donated food, and deliver it to said students)

Fellowship Member , 09/2021 - 11/2021

Company Name – City, State

- In depth discussions of what it means to do the most good possible
- Question the very morals, ethics, and values taken for granted
- Better orientation of who we individually and therefore what we want for our futures

AIESEC Exchange Manager, 03/2019 - 01/2020

Company Name – City, State

- Promote and introduce foreign exchange opportunities- volunteering, internships, and work- to young adults
- Address any questions that interested participants may have through text messaging, emailing, calling, or in-person one-on-one meetings
- Aid participants in the application process for exchange
- Coordinate exchanges by notifying and keeping updated the AIESEC chapter receiving an exchange participant

Teen Advocates of Science Communication Force, 09/2017 - 04/2018

Company Name – City, State

- Develop fun and engaging exhibits for the Academy; project developed: symbiosis card matching activity
- Guide team members during interactions with museum guests
- Learn to let go of and accept the feeling of shame and embarrassment that sometimes comes along with certain outreach projects (i.e. spontaneous flash mobs and costume presentations)
- Learn cooperation and teamwork that is vital to the success of activities and events

Skills

- Analytical and Critical Thinking
- Written Communication
- Interpersonal Communication
- Basic Matlab
- Basic R
- Canva
- Google Docs, Slides, Drive, and Sheets
- Microsoft Word, Excel, and Powerpoint
- laboratory techniques- in-situ hybridization, immunohistochemistry, and basic fluorescent/confocal microscope operation

Languages

English:

Negotiated:

Chinese (Cantonese):

Negotiated:

American Sign Language :

Negotiated:

Chinese (Mandarin):

Negotiated:

Arabic:

Negotiated:

Accomplishments

- Life Science Dean's Award for Neuroscience Research at UCLA (Scheibel Scholar)
- Second place winner for 2017 Chinese Poetry Bridge Cup competition along with other similar competitions and placements: learned to develop a thick skin against shame and embarrassment