Sravya Gudipudi

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# **OBJECTIVE**

Energetic and passionate college student working towards a BS in Neuroscience and a BA in Psychology. Aiming to use my knowledge in both laboratory and clinical research to gain necessary skills to begin a career as a physician.

# **EDUCATION**

**University of Rochester**, Rochester, NY

B.S Candidate in Neuroscience and B.A Candidate in Psychology

Expected Degree in May 2020

Awards: Dean’s List,

# **WORK & RESEARCH EXPERIENCE**

**Emergency Department at Rochester Regional Hospital/Unity Hospital** Rochester, NY

*Medical Scribe October 2019 – Present*

* Accompanied the physician during rounds into the exam room to document all patient/physician interactions
* Accurately documented patient history, physical examinations, laboratory results, medications, and notes verbalized by the patient and provider
* Generated, managed and sorted medical documents within the EHR system (EPIC)
* Worked 200 hours

**University of Rochester Dermatology Department** Rochester, NY

*Clinical Trial Research Assistant* *October 2019 - Present*

* Assisted in maintaining and organizing the research study files and communicated frequently with the study team.
* Helped prepare for patient visits and entered subject data into electronic case report forms
* Project: Looking at various pharmacologic agents as treatment interventions for Atopic dermatitis which is one of the most common inflammatory skin diseases.
* Worked 220 hours

**University of Rochester School of Medicine and Dentistry** Rochester, NY

*Research Assistant*, *Briggs Lab* *August 2017 - May 2019*

* Worked towards spike sorting with multi-unit analysis of visual activity of the hypothalamus in non-human primates
* Main Project: Sorted tuning curves of the LGN to find the functional role of the corticogeniculate pathway in vision by looking at different components of vision: orientation, form, color.
* Worked 600 hours in this lab

**Sierra Pacific Orthopedics** Fresno, CA

*Research Intern May – August 2018*

* Conducted literature searches and researched the effects of Spinal Cord Stimulator(SCS) on one’s function and quality of living in chronic pain patients.
* Worked closely with an Orthopedic Surgeon, Dr. Kasturi, to help write a systematic review on the effects of SCS on a patient’s functional performance

**LV Prasad Eye Institute** Hyderabad, India

*Public Health Research Intern* *May – July 2017*

* 8-week externship through study abroad of University of Rochester
* Prepared manuscripts and conducted analytical processes of data with over 700 patients using R Studio and REDcap.
* Assisted the public health director with current research project which analyzed the barriers to cataract surgery
* Shadowed in the Cataract and Cornea Clinic. Also visited eye centers in rural villages of South India to observe the health disparities that are present in these poor economic societies.
* 8 week externship

**Center of Translational Neuromedicine**  Rochester, NY

*Research Assistant, Goldman Lab August 2016- March 2017*

* Worked on the PML Project: Used humanized chimeras to model human specific polyomavirus-JC virus infection in mice brains.
* Specialized in counting signals using a software called Stereo Investigator
* Also performed routine lab work such as pipetting, staining, reagent prep
* Approximately spent 250 hours in this lab

# **EXTRACURRICULAR & TEACHING EXPERIENCE**

**Organic Chemistry Laboratory** Rochester, NY

*Teaching Assistant* *Fall 2018- Fall 2019*

* Lead 1 Organic Chemistry Lab (Chem 207/208) Section.
* Includes assisting students with laboratory experiments as well as grading lab reports

**Varsity Athlete at University of Rochester** Rochester, NY

*Tennis Team Member August 2016-Present*

* Played at both the 1 and 2 singles position on the team that was ranked 35 in the nation.
* Awarded the Second-Team All-UAA Honors for the number two singles position.
* Awarded UAA All-Academic for my work in both the classroom and tennis

**UNICEF**  Rochester, NY *Treasurer 2017-Present*

* One of three of students to start a UNCIEF chapter in Rochester
* Organize the budget and keep track of all purchases done by the organization
* Raise awareness to certain issues like education, poverty pertaining to children

**Rochester Residential Housing** Rochester, NY

*Resident Advisor* *August 2017-Present*

* Help build a healthy and inclusive residential community that complement and extend classroom learning.
* Create an intellectually active residential environments that enhance personal growth and support the academic mission of The College.

**Friends of Strong at Strong Memorial** **Hospital**  Rochester, NY

*Hospital Volunteer 2016-2019 Spring*

* Interacted with children in Pediatric In-patient by playing games and talking to them in order to make their time at the hospital as comfortable as possible
* Communicated with family members, doctors, nurses, and child-life specialists to discuss best ways to help the child in need.
* Also, was able to volunteer in other departments in the hospital including GI and psychiatry
* Volunteered a total of 125 hours

# **SKILLS/CERTIFICATIONS**

* Comfortable with Microsoft Office programs such as Word, Excel, PowerPoint
* HIPPA certified
* Medical Scribe Certified
* Familiar with EPIC, Electronic Health Record (EHR), REDcap
* Proficient in routine lab techniques (Pipetting, PCR, Western Blots, Gel Electrophoresis)
* Overall good communication and computer skills
* Familiar with Medical Terminology