

Anjali Patel

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EDUCATION

Rutgers University – New Brunswick, NJ
Genetics

09/2017 - Present

Eastern Regional High School – Voorhees, NJ
Generation On, Eastern Against Abuse, Interact, Key Club

2013 - 2017

RELEVANT COURSEWORK

Genetics

General Chemistry I, General Chemistry II, General Chemistry Lab

General Physics I, General Physics Lab I

General Biology I, General Biology II

RESEARCH EXPERIENCE

Human Genetics Institute of New Jersey
Rutgers University – New Brunswick, NJ

08 /2019-Present

- Undergraduate Researcher

Shriners Hospital Pediatric Research Center
Lewis Katz School of Medicine – Philadelphia, PA

06 – 08/2018

- Research Lab Assistant
 - Assisted a Postdoctoral Fellow with a project on the growth and guidance of axons to enhance motor skills in the spinal cord
 - Performed lab techniques such as PCR, gel electrophoresis, and western blot in order to understand the function of target genes and separate specific nucleic sequences affected.
 - Performed cresyl violet stains in order to identify the affected red nucleus within the spinal cord cells
 - Handled rats and all the perfusions needed for further dissections
 - Assisted in dissections within the lumbar regions; injected hind muscles with control and infected cells to compare motor skills
 - Following the dissection, used the cryostat to complete cross sections of either the spinal cord and brain
 - Cleansed spinal cord and brain of subject rats in solutions of formaldehyde and ethanol for the purpose of differentiation between unaffected and affected groups

CLINICAL EXPERIENCE

Saint Peter's University Hospital – New Brunswick, NJ

09/2018 - Present

- Medical Scribe
 - Filling out patient's past and present history, physical exam, review of systems, and diagnosis under the direction of a physician
 - Assist with lab, X-ray, and EKG readings
 - Aiding physicians with combatting continuous patient flow

TEACHING EXPERIENCE

Tutor for High School

09/2017 – 06/2018

- *Tutor*
 - Traveled to hometown to aid students with AP Biology, AP Calculus, and AP Chemistry
 - Aided students in excelling in their AP exams

SERVICE & LEADERSHIP

C.A.R.E Week Chair – Kappa Phi Gamma Sorority, Inc.

09/2018 – Present

- Organized and held C.A.R.E drives for breast cancer and Red Door Cancer Organization
- Hold a weeklong of events every April for the awareness of Cancer research ending in a Mr. C.A.R.E pageant

Stoll Captain– Kappa Phi Gamma Sorority, Inc.

09/2018 – Present

- Collaborated with other Greek Organizations to create creative stroll routines to perform in AIR show, Delta Phi Omega Stop, Step and Stroll, and other nationwide competitions

Academic Chair– Kappa Phi Gamma Sorority, Inc.

09/2018 – Present

- Control all grades and GPAs within the sorority to meet above the expectation recommended by Rutgers Office of Fraternity and Sorority Affairs
- Develop study hours for all sorors in order to enhance their learning
- Reach out to alumni to help with developing current soror's resume
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University of Pennsylvania Medicine

09 – 08/2018

- Penn Medicine Adult Volunteer Program
 - Assisted clerk and physicians in different departments (e.g. Neuroscience, Cardiovascular, Pharmaceutical) in developing charts for patients and physicians

Virtua Hospital – Volunteer

06 – 11/2015

- Assisted nurses with patient needs
- Assisted clerks with organization of patient charts and history following the HIPA requirements

PERSONAL INTERESTS

- Dance, Painting, Style Guru at CFashionista, Gujarati Tutor