

SIMAL ALI

SKILLS

Multilingual: conversational Urdu, conversational Hindi, and basic Arabic

Laboratory: PCR, Gel Electrophoresis, Cell Culturing, Media Preparation, Primer Design, Crystallization, Titration

Software: Canva Design, R, MATLAB

LEADERSHIP

- **Dragon'24**, Provost Blake's Student Advisory Circle, 2017-Present
- **Public Relations Chair**, American Medical Women's Association, 2017-Present
- **Campus Rep**, Drexel Admission Snapchat, 2016-Present
- **Social Events Chair**, Drexel Muslim Students Association, 2015-Present
- **Student Ambassador**, Drexel Student Ambassador Program, 2015-Present

AWARDS

- **Marilyn A. Burshtin Memorial Scholarship Award**, 2017
- **AJ Drexel Scholarship**, 2015-2019
- **Dean's List**, Drexel University, 2015-Present
- **Pennsylvania Ready to Succeed Scholarship**, 2015-Present

EDUCATION

BACHELOR OF SCIENCE, BIOLOGICAL SCIENCES

Drexel University, Pennoni Honors College

Organismal Biology and Physiology

Anticipated Graduation: June 2019

RESEARCH

CLINICAL RESEARCH ASSISTANT

Weight, Eating, and Lifestyle Science Center, Drexel University

January 2018-Present

- Assist with recruitment of participants in Phase 1 of clinical trial for Project FitLink
- Screen subjects to determine if the clinical trial inclusion requirements are met prior to enrollment in the study
- Inform subjects about the purpose and goals of the study
- Organize and maintain study data using REDCap

UNDERGRADUATE RESEARCHER

Dictyostelium Discoideum Research Lab, Drexel University

Spring Term 2017

- Focused on determining functional effects of knock-down/knock-in of TAZ gene in *Dictyostelium*
- Verified sequence of putative TAZ gene
- Presented information about *Dictyostelium* behavior to research team and classmates
- Contributed to the designing of primers

VOLUNTEER

YOUTH GROUP ADVISOR

North Penn Mosque

December 2016-Present

- Mentor high school students to plan and execute social, educational, service oriented, and inter-faith events for up to 800 community members
- Encourage youth to engage in volunteer opportunities to foster community involvement
- Assist individuals with personal and spiritual questions
- Established professional development buddy system with college students and counselors



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VOLUNTEER

HOSPITAL ELDER LIFE PROGRAM VOLUNTEER

Abington Jefferson Hospital
March 2017-Present

- Complete assessment forms to evaluate patient mobility based on information collected by interviewing patient
- Make frequent rounds in assigned departments to respond to patient needs
- Assist geriatric patients with eating, walking, reading, and exercising
- Engage patients in games to stimulate cognitive activity

WORK

CLINICAL RESEARCH ASSISTANT (CO-OP)

Neurosurgery Clinical Research Division, Hospital of University of Pennsylvania
Beginning April 2018

- Will be supporting clinical trials that focus on neurosurgical interventions for disorders of the nervous system such as brain tumors, seizures, and CNS trauma.

RESOURCE CENTER ASSISTANT (WORK-STUDY)

Student Organization Resource Center, Drexel University
April 2017 – Present

- Assist over 300 student-run organizations with event planning, financial management and organizational development
- Manage and update confidential information pertaining to purchase requests, club finance passwords, and University funding accounts.
- Provide front-desk reception by answering questions, directing students to appropriate resources on campus, and maintaining all of the departmental office machinery and equipment
- Created user guides for organization leader in order to stream line the process of making requests or reservations on behalf of their organizations.

ADMINISTRATIVE ASSISTANT

Dr. Vijay Shah's Office
June-September 2015, 2016

- Reduced office expenses by organizing inventory and scanning patient files
- Updated entire healthcare center database within 2 months of employment
- Provided patients with information regarding insurance and billing options
- Scheduled patient appointments on phone and coordinated with doctor for consult availability



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