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| Education |  |  |  |  | University OF Florida | August 2017 – May 2019College of Liberal Arts and Sciences.Bachelors in Science – Major BiologyMagna Cum LaudeCurrent GPA: 3.95Broward College | August 2015 – July 2017Robert Bob Elmore’s Honors Institute Associate of Arts – Major Biology3.92 GPAtHe City School – gulshan A levels (Pakistan)| August 2014 – June 2015Cambridge AS level CertificateThe City School – Olevels (Pakistan)| August 2011 – May 2014Cambridge O-Levels CertificateHighest Overall Percentage in Academics  |
| Work Experience |  |  |  |  | Khoshbouei Lab| Post-baccalaureate research assistant| May 2019- PresentPost-baccalaureate research assistant working towards identifying mechanisms of synaptic and cell-level dysfunction, and dysregulation of neurotransmission in midbrain dopamine (DA) neurons in response to alpha-synuclein over-expression. Primary neuronal cultures from transgenic mice, adeno-associated virus (AAV)-mediated transduction, live-cell microscopy, and advanced imaging analysis are utilized to investigate alpha-synuclein’s effect on dopaminergic physiology.Emerging PAthogen institute – control flu |August 2017- PresentIntern for Control Flu program, assisting school nurses in the organization of vaccination consent forms. Other duties include:• Develop and implement outreach strategies and educational materials• Organize set-up and breakdown of Flu shot clinics• Verify proper screening of consent forms• Promote the program during school related eventsJobin LAb | College of Medicine -Gastroenerology |September 2017 – May 2019Student Volunteer learning research techniques and performing undergraduate research thesis under guidance of post-doc on influence of hydrogen sulfide producing bacteria on colitis associated colorectal cancer. Techniques used in the lab include but are not limited to genotyping, qPCR, mouse experiments (gavage, colonoscopy, euthanasia), H2S detection assay, DNA and RNA analysis from and tissue and stool samples, cell culture etc. HealthStreet UF | June 2018 – PresentVolunteer as a study call assistant. This includes keeping track of new studies recruiting subjects for community research and contacting the eligible prospective participants from the database to explain about the aims of research and the parameters of their participation in order to gain confirm interest and gain consent to forward their information to the research coordinator of the lab performing the research.Scribe America | April 2016 – Present **Present:** Emergency Department Scribe working with physicians performing documentation in the EHR, gathering information for the patient's visit, and partnering with the physician to deliver the pinnacle of efficient patient care.**April 2016 – August 2017**: Out-patient Medical Scribe serving at **Anesthesia Pain Care Consultants,** Tamarac. Working with Physicians to complete patient charts (on EMR) and recording patient-doctor interaction. Ordering tests and making prescriptions per treatment plan and billing likewise. Getting necessary paper work signed by Physician and requesting patient records from other facilities if needed. Educated and trained to follow HIPAA guidelines while working with the Doctors at the facility.IFSF Stem School | September 2015 – May 2017Volunteer Assistant Teacher at Weekend Islamic SchoolWorked with 5th Grade and Pre-K 4  |
| Interests  Skills |  |  |  |  | Research, Debate, volunteering and working on health promoting projects, reading (novels), doing adventurous activities (e.g. mountain climbing and go-karting)Tutoring STEM subjectsDebate and SpeechMicrosoft Word, Publisher and Excel Efficient typing speed Medical Terminology Competent communication skills. Leadership qualities and efficient in managing and self-organizing. |
| Academic and Extra curricular Acheivements |  |  |  |  | Research Advisor for Apsa | March 2018- April 2019Serving as Research Advisor on the executive board in APSA (American Physician Scientist Association) and promoting research amongst the members.Also Participated in IGEM competition, representing UF as team UFlorida Fermenters and won Silver Medal. We designed and performed experiments aimed towards engineering the *E.coli* Nissile to produce more butyrate with aims of engineering an efficient probiotic.BLS instructor | June 2018- PresentServing as a TA for EMS 1055 course at UF that involves teaching the concepts and application of airway management, patient assessment, management of traumatic injuries, management of medical emergencies, basics of clinical physiology and the use of several medical devices. Also, it includes teaching CPR and BLS skills. Experience teaching BLS course to other groups with the chief instructor at UF. Research Poster presentation at Undergraduate symposiumPoster presentation on influence of hydrogen sulfide producing bacteria on colitis associated colorectal cancer showing progress with mice experiments, results and data from completed experiments, Progress on mutagenesis of bacterium and future directions of the research. Research ColloquiumPresented Honors research paper Project on P53 gene transfer to treat cancers at Annual Honors Colloquium. Debate and Speech Team |2016-2017Parliamentary debate Team Member2nd Place at 2017 Forensics state Tournament 5th Place at 2016 Forensics State Tournament and best Novice and FSU state tournament.Brain Bowl – Broward College | 2016-17Team member  |