



## Experience

### Substitute Teaching

January 11<sup>th</sup> 2017 – Current

- I began substitute teaching in the Hamilton Southeastern School District in early January. Since taking the position, I have taught kindergarten to junior high classes. In the second week of January, I was appointed a permanent substitute at Hamilton Southeastern High School. Since then, I have been in a variety of classrooms from advanced placement to special education, from gym to biology. In the last month, I have begun reaching out to the teachers for the classes they will be missing and beginning to teach their classes when possible.

### EMT Training 2016

May 6<sup>th</sup> 2016 –August 26<sup>th</sup>

- Training to become an EMT and earn my certification. This program works through Indianapolis EMS and partners with Eskenazi Health and Butler University. The class is hybrid and meets weekly to practice skills. The class will end in August, 2016 with the certification test. I passed my practical exam on the 26<sup>th</sup> of August and the written exam on the 13<sup>th</sup> of September.

### Shadowing

December 22 and 28 2015

- I was able to shadow Dr. Kelly, a pediatrician working within the IU Health system. The opportunity gave a completely new viewpoint on the different aspects of the healthcare field in reference to primary care. The entire day was a new experience in how primary care and the typical notion of doctor's appointments work. As one patient left, another one came in almost immediately after. While maybe not as exciting or as high-tech as Radiology, it was a valuable experience in understanding the range of patients possible in a day from sick calls to yearly physicals to biannual evaluations.
- I shadowed with a nurse practitioner at an urgent care center. While pediatric primary care was a new experience, urgent care was even more different as it was mainly focused on adults. Urgent care has become more popular over the years and is constantly busy. While shadowing the pediatrician, it was with scheduled appointments; whereas with urgent care the patients are walk-ins that have to be reacted to as the care need is assessed, a very different experience.

### Research Assistant- *Drosophila* Genetics (Denver University)

September 2015-March 2016

- Worked in the research lab of Dr. Scott Barbee. In the lab, I learned how to dissect and subsequently analyze the neuromuscular junction (NMJ) in *Drosophila*. The aim of the research project I worked on is to analyze the NMJ formation along with dendritic extensions. The skills I have learned in this lab focus mainly on micro-dissection and correct staining procedures to visualize the structures of interest. The lab was a valuable experience in learning what I enjoy in lab work versus what I do not enjoy.

### Neurodevelopmental Research Program-Research Assistant (Denver University)

March 2014-April 2016

- The research program focuses on furthering the understanding of the way that early life experiences affect and shape physical and mental health across a person's lifespan by studying both children and their mothers. One area of focus is the influence and exposure of stress on a fetus and the subsequent results. There are currently 6 projects in progress. As a research assistant, the main responsibility is to "code" or to analyze a video according to specific guidelines and to watch for certain behaviors. My project was to code the Laboratory Temperament Assessment Battery (Lab-TAB) and watch for certain behaviors or responses of young children to specific stimuli, mainly fear-eliciting. A secondary task was to run and oversee the video and audio recording for participant visits a critical step in ensure testing continuity.



## Shadowing

June 17 & 18, August 21<sup>st</sup> 2015

- The summer following my second year, I was given another opportunity to shadow at Riley Hospital for Children, Indianapolis, IN. I shadowed again in the pediatric radiology department and then had a new experience in interventional radiology. Radiology allowed me to observe and learn a little bit about how to read ultrasounds and MRI/CAT scans, a new addition to what I had access to last time. I observed many different imaging techniques and interacted with doctors, medical residents, and technicians in the radiology department.
- The interventional radiology was a completely new experience, especially as I had never had experience before. Dr. Marshalleck was incredibly informative along with the entire IR team. I was able to observe a number of techniques and watch the integration of radiology techniques and hands-on technique. It was incredibly interesting as the field is still developing as it is incredibly new compared to other fields.

## Shadowing

Summer 2014

- During the summer, I had the opportunity to shadow two pediatric radiologists at Riley Hospital for Children and a nurse practitioner at a St. Vincent Clinic in Anderson, IN. While shadowing I was able to observe different types of scans, including a fluoroscopy and an ultrasound. I was also able to interact with multiple medical residents and pediatric radiologists. I was also able to engage with looking at multiple scans and different radiology studies. I also shadowed a nurse practitioner for a day, which allowed me the opportunity to experience medicine on the primary care level.

## Summer of Service

Summer 2012

- The IU Health system offers a volunteering opportunity in their hospitals during the summers for high school students. All volunteers are assigned to specific locations during the summer and volunteer biweekly. My two assignments were with the Simon Cancer Center in the Radiology department and with the Ronald McDonald House at Riley Hospital for Children. My tasks with the Radiology department mainly involved checking patients in for their scheduled scans, organizing patient files and scan orders (fluoroscopy, MRI, CT, etc.), and helping around the department. The Ronald McDonald required a different skill set as it involved cooking, organizing, playing with siblings of patients, setting up overnight rooms, laundry, and any other tasks to help parents relax a little. Another important task with the Ronald McDonald House was to log all the people who came in

## Education

### University of Denver

September 9, 2013-March 13, 2016

Awarded a Bachelor of Science in Molecular Biology with two minors in Chemistry and Psychology. I completed my degree within 3 years.

### Fishers High School

August 2009-June 9, 2013

Awarded two diplomas; graduating with an Academic Honors diploma and an IB Diploma in July 2013.



## Skills / Additional Information

I have worked in many positions with kids over the years, i.e. swimming lessons, baby-sitting, tutoring.

Dual nationality (American & French), being fluent in spoken & written French. I speak a small amount of Spanish but plan to actually learn the language in greater detail at a point in the future.

I was a varsity swimmer all 4 years of high school & enjoy skiing and running in my spare time.

I'm a passionate & voracious reader of all types of literature.

I am creative and enjoy the science/medical field. I am passionate about learning and persevere in difficult situations.

I am an annual blood donor since 2010, donating on average 3 times a year since I was 18.

At the end of August, 2016 I will earn my certification as an EMT and I am already a licensed BLS (Basic Life Services) operator.

I have been certified for HazMat, POST-Indiana, START Triage, Autism Awareness, FEMA (IS-00100.b, IS-00200.b, IS-00700.a, IS-00800.b), AWR-111 and AWR-160.

I have my certification to work as an EMT in Indiana and am certified with the National Registry of EMTs.