

Noah Berens

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Current

National Institutes of Health, Department of Bioethics

Bethesda, MD

Predoctoral Fellow

Education

University of North Carolina at Chapel Hill

Chapel Hill, NC

B.S. Quantitative Biology and B.A. Classics, May 2020

Chemistry Minor

GPA: 3.89

Work Experience

Foundation for the International Medical Relief of Children, Limón, Nicaragua

June-July 2017

- Independently completed daily clinical tasks in a rural health clinic
- Tutored students in a special needs education program and created educational activities to enhance the curriculum
- Designed culturally appropriate health education materials, conducted >50 community health surveys, created local, affordable recipe book for malnourished children

National Institutes of Health, Division of Blood Diseases, Bethesda, MD

June-July 2018

- Analyzed NIH research portfolio on the effects of sickle cell disease on cognition
- Made recommendations for future research and implementation efforts to mitigate the consequences of sickle cell
- Studied significant disparities and large-scale challenges across the healthcare industry

UNC Neuroscience Center, Chapel Hill, NC

January 2018-March 2020

- Undergraduate Research Assistant assisting with research of Pitt-Hopkins Syndrome, a rare neurodevelopmental disorder
- Compiled findings into research paper for senior thesis

Publications

2020 “Brain region and cell type distribution of schizophrenia, intellectual disability, and Pitt-Hopkins syndrome gene, TCF4, in the mouse brain”, *Journal of Clinical Neuroscience (Submitted)*

2020 Senior Honors Thesis. “Genetic Therapy Strategy for the Treatment of Pitt-Hopkins Syndrome” (Highest Honors)

Leadership and Service Experience

Instrument Lending Program Chair, UNC Musical Empowerment, Chapel Hill, NC

2017- 2020

- Member of leadership team responsible for maintenance, delivery, and inventory of >250 instruments for >190 students
- Learned nonprofit management practices and worked to maximize budget

- Volunteered to teach piano to a young underserved student each week as well as mentoring her
- Led discussion group to support other teachers and develop their skills

AutismCharlotte, Charlotte, NC

2012-2015

- Volunteered for four summers for 50 hours per summer at a camp designed to teach children on the autism spectrum how to ride a bike
- Both kept my assigned campers safe each day and helped them build confidence in themselves

National Outdoor Leadership School, Lander, WY

June-July 2016

- Graduate of the National Outdoor Leadership School
- Navigated through the wilderness for 30 days as part of a small team while adapting to various leadership roles
- Successfully led group of peers in navigation without instructor assistance three separate times for a day at a time

UNC BestBuddies, Chapel Hill, NC

September 2017-March 2020

- Partnered with adult with intellectual disability to encourage meaningful friendships regardless of disability

Healing Hands, Chapel Hill, NC

September 2018-March 2020

- Played piano as entertainment for patients in hospitals and other healthcare settings

Camp Ailhpomeh, Meridian, TX and **Victory Junction**, Randleman, NC

June 2018, 2019

- Volunteered as a camp counselor for children with hemophilia and sickle cell disease, looking after their medical needs while promoting a safe and enjoyable experience

Awards

Morehead-Cain Scholar

Dean's List (8/8 semesters)

Phi Beta Kappa

Carolina Research Scholar

Buckley Public Service Scholar

Highest Distinction (Summa Cum Laude)