**Education**

MD, University of Cincinnati College of Medicine (anticipated) 2019 – 2023

Pediatric Medical Scholar Program, UCCOM 2019 – 2023

* Participated in additional pediatric clinical, research and mentoring opportunities

BSE, Miami University 2015 – 2019

* Major: Bioengineering with Pre-medical studies co-major
* Minor: Humanitarian Engineering and Computing
* University Honors Program
* *Cum Laude*

Lockheed Martin Leadership Institute 2016 – 2019

* Three-year leadership certificate program through Miami University’s College of Engineering and Computing
* Coaching Learning Team Leader

**Research Experience**

Research Assistant Summer 2020

* *Cincinnati Children’s Hospital Medical Center*
* *Michael Helmrath, M.D., Division of Pediatric Surgery*
* Conducted comprehensive chart review and preliminary statistical analysis on the subject of anthropometric data, relating standard measurements to body composition for various cohorts of neonates

Undergraduate Research Assistant Summer 2018

* *Cincinnati Children’s Hospital Medical Center*
* *Michael Helmrath, M.D., Division of Pediatric Surgery*
* Operationalized the collection of human tissue samples for analysis in the development of intestinal failure treatments and contributed significantly to several retrospective chart reviews looking to improve nutritional care of intestinal failure patients

Undergraduate Research Assistant Summer 2017

* *Cincinnati Children’s Hospital Medical Center*
* *Louis Muglia, M.D., Division of Human Genetics*
* Genotyped samples vital to the development of several PhD projects using techniques including, but no limited to, PCR, gel electrophoresis, southern blot, and fluorescent microscopy, as well as maintenance of animal colonies for research

**Publications\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Goddard GR, McNelis KM, **Poindexter A**, Jenkins T, Wessel JJ, Nathan AT, Helmrath MA, Poindexter B. Prevention of surgical necrotizing enterocolitis and related deaths. *Submitted to American Journal of Perinatology*

**Honors and Awards**

Dean’s List, Miami University 2015 – 2019

NCEES Engineering Education Award 2018

* Primary contributor for $10,000 winning grant for Miami University’s chapter of Engineers Without Borders

Dr. Thomas Slama Scholarship 2015 – 2019

* Established in 1994 by Thomas G. Slama, M.D., F.A.C.P. provided to students pursuing graduate studies in the field of medical studies

**Professional Organizations**

American Medical Association 2019

Tau Beta Pi Engineering Honors Society 2018

**Teaching**

Miami University

* Lockheed Martin Leadership Institute Teaching Assistant 2018 - 2019

**Service**

Med Mentors 2019 – Current

* Partnered with fellow medical students to engage, support, and encourage a mentee from the local community through a two-year minimum commitment
* Recruitment and Social Media Chair

Kids Club Ministry 2019 – Current

* Volunteered at Crossroads Church in their Kids Club children’s ministry

Engineers Without Borders 2016 – 2019

* President, 2018
* Secretary, 2017
* Student organization partnering with professional engineers to implement community-inspired solutions in developing communities
* Facilitated fundraising of over $35,000 for EWB-Miami’s international projects

**Leadership Experience**

Integrative Medicine Student Interest Group 2019 – 2023

* Co-leader, 2020
* Coordinated relevant talks and shadowing for those in my class interested in the principles of integrative medicine

SEEC Student Advisory Board 2018 – 2019

* Founding member of Socially Engaged Engineering and Computing (SEEC) student initiative at Miami University
* Vision contributor for 2019 SEEC Institute proposal
* Worked in collaboration with College of Engineering to promote socially engaged programs at Miami University

Women in Power Forum 2018 – 2019

* Primary student organizer and emcee
* Forum for Miami University students to converse and network with women in industry in order to encourage women entering the field

Campus Crusade for Christ (Cru) 2015 – 2019

* Student Leadership Team
* “Face of Freedom” student event leader, part of Justice Week: a week-long campaign to raise awareness of human trafficking and slavery

**Extracurricular**

Peds Club 2019 – 2023

**Certifications and Licenses**

American Heart Association BLS for Healthcare Providers 2019

Diversity and Inclusion Certificate 2018

* Exploration of the importance of Diversity and Inclusion in professional spaces, sponsored by Miami University Center for Career Exploration and Success

**Hobbies and Interests**

Hiking

Traveling

Goldendoodles, especially the ones with car goggles

DIY house renovations