Analiese Lahey

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EDUCATION

Perelman School of Medicine, University of Pennsylvania (Philadelphia, PA) **August 2023 -present**
Medical Degree

Technische Universität Dresden (Dresden, Germany) **October 2021 - September 2022**
Non-degree studies: Computational Engineering

University of North Carolina at Chapel Hill **May 2021**
Bachelor of Science: Major in Neuroscience, Minor in Chemistry
- GPA: 3.99
- Degree Honors: Highest Distinction

Institute for the International Education of Students (Barcelona, Spain) **Spring 2020**
Study Abroad: Intensive Spanish Education

Mid-America Nursing and Allied Health Institute (Merriam, KS) **May 2019**
Kansas Certified Nurse Aide

Saint Thomas Aquinas High School (Overland Park, KS) **May 2017**
High School Diploma
- GPA: 101.548

RESEARCH INTERESTS

Neuropsychiatric Disorders● Global Health ● Brain Tumors ● Mental Health Interventions

RESEARCH EXPERIENCE

Fulbright Research Grant, *Wieland Huttner Group* (Dresden, Germany) **September 2021 - October 2022**
- ●Project title: Could the human-specific gene underlying neocortex growth be key to treating glioblastoma?
- ●Used a variety of techniques in neuroscience and molecular biology to investigate neural gene *ARHGAP11B*'s role in driving glioblastomas.
- ●Served as a cultural ambassador and active member of the Dresden community throughout the grant.

Research Assistant, *Kent Rossman Lab* (Chapel Hill, NC) **August 2019 – July 2021** ●
Initiated cell cultures and performed assays to quantify the effectiveness of KRAS inhibitors on other oncogenic RAS isoforms.
- Designed and spearheaded a project to characterize neural gene *ARHGAP11B* signaling pathways and examine the role of its expression in promoting cancer. ●Applied for various grants to fund the *ARHGAP11B* project, as well as sought out affiliations with researchers who have expertise in the gene.

Research Assistant, *Ryan Miller Lab* (Chapel Hill, NC) **August 2018- May 2019**
- Maintained cultures of glioma stem cells for assays to determine the transcriptional factors that mediate oncogenic mutation-induced dedifferentiation.
- Performed a variety of basic experiments and lab maintenance duties until the lab moved to another university.

AWARDS AND HONORS

National Merit Scholar ● Kansas State Scholar ● Governor's Scholar ● Dean's List (8 semesters) ● Presidential Service Award ●Fulbright Research Scholar