Katherine (Kate) Schulte, MS

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Education

Kansas City University Kansas City, Missouri   Anticipated May 2026
Doctor of Osteopathic Medicine
First Quartile Rank

                                                                                                         May 2020
University of Nebraska Medical Center Omaha, Nebraska
Master of Science in Medical Anatomy

Nebraska Wesleyan University Lincoln, Nebraska   May 2018
Bachelor of Art Biology, Minor Chemistry
GPA- 3.89 High Distinction

Research

Medical Anesthesia Research Des Moines, Iowa   December 2024
Case report on the management of preeclampsia in a pregnant
patient undergoing surgery with a focus on how anesthesia
practices are used to prevent complications.

Notch 3 is Over Expressed In The Marfan Syndrome Mouse   May 2017 - August 2017
Model
University Nebraska Medical Center Department of Vascular
Surgery Lab
Primary Investigator: Timothy Baxter, MD
Interpreted data and findings from my research in the vascular lab
using statistical analysis. Wrote a paper about my hypothesis,
methods and conclusion.

University of Nebraska Medical Center, Omaha, Nebraska   May 2017-August 2017
Research Assistant
Collected research materials on lung tissue of Marfan syndrome
patients. Assessed lab data and performed experiments such as RT-
PCR and Western blots. Collaborated with an international team of
five multi-disciplinary researchers.

Publications and Presentations

1. **Schulte, Katherine** (2024, April 4th). *Notch 3 is Over Expressed In The Marfan Syndrome Mouse Model* [Put together a poster and presented on the data collected with RT-PCR and Western Blots from Marfan syndrome mouse models with the help of Dr. Timothy Baxter and Wanfen Xiong]. Kansas City Research Symposium, Kansas City University
2. Schulte, K. Rural rotations. *Pulse V4 Journal*. 2025

Work Experience

Bolt bolthealth.app Kansas City, Kansas June 2024-Present
Co-founder & COO
Cofounded a wellness startup using a LLM. Helped develop physiology based engineering prompts and manage business operations.

Methodist Hospital Omaha, Nebraska
Patient Transporter
Transported patients throughout Methodist hospital in a safe and effective manner. Communicated clearly and professionally with other medical staff for the patient's benefit. October 2018-August 2023

Leadership Experience

KCU Run Club Kansas City, Missouri May 2022-August 2024
Founder
Organized club meetings weekly for students to be outside and discuss life in medical school while incorporating exercise. Built a community amongst my peers and other students at Kansas City University.

Nebraska Wesleyan Women's Basketball Lincoln, Nebraska August 2016-May 2018
Team Captain
Effectively balanced a full-course load, basketball practice, games and traveling. Worked with a team of 15 different personalities to achieve a common goal. Voted team captain, helped communicate between coaches and players as a leader on and off the court

Professional Memberships and Honors

Hume Startup Grant Program August, 2024
AOCA Member January 2025

Extracurricular and Community Service Activities

      Anesthesia Club Member Kansas City, Missouri   August 2022- May 2024
      Participated in clinical skills experiences and club meetings.

      PASS Mentor Volunteer Kansas City, Missouri
      Worked with peers to mentor them as they started medical   August 2023-May 2024
      school. Provided a support system and social opportunities for my
      mentees.

      Fellowship of Knights Volunteer Omaha, Nebraska   October 2021 - Present
      Tutored teenagers in math, science and reading to help improve
      their grades and teach them lifelong study skills. Transported
      students to extracurricular activities and work.

      Anatomy Academy/Score 1 Volunteer Kansas City, Missouri   August 2023-May 2024
      Volunteered with youth in the Kansas City community teaching
      them anatomy. Provided medical screening exams for underserved
      youth in the metropolitan area.

Certifications and Licensure

      Advanced Cardiovascular Life Support   Expires June 2025
      Basic Life Support   Expires May 2025
      Certified Nursing Assistant   Expired 2021

Hobbies

      Wheel throwing pottery
      Pickleball
      Gardening