

Malcolm Albergo-Radisch

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SUMMARY

Seeking opportunities to apply my interests in regenerative medicine and social innovation. Curious and impact-motivated, I aim to benefit the maximum number of people with the highest efficiency possible.

EDUCATION

North Carolina State University, College of Engineering, Raleigh, NC

Expected May 2027

B.S., Biomedical Engineering, Lampe Joint Department of BME at NCSU and UNC-CH

GPA: 3.48

Teamwork in Interdisciplinary Biomedical Research Minor

North Carolina School of Science and Mathematics, Durham, NC

May 2023

EXPERIENCE

Piedrahita Lab, Raleigh, NC

Undergraduate Researcher

May 2025 - Present

- Studied in an interdisciplinary lab under Dr. Jorge A. Piedrahita in the College of Veterinary Medicine at NCSU.
- Utilized gene-edited porcine model to study regenerative cells in lung, intervertebral disc and intestinal tissue.
- Optimized and developed experimental protocols. Produced novel methods for lung inflation with agarose.
- Presented work at Grand Challenges Scholars Program Annual Meeting 2026 in Rome, Italy and Biomedical Engineering Society Annual Meeting 2026 in Orlando, Florida.

Albright Entrepreneurs Village, Raleigh, NC

Village Mentor

March 2025- Present

- Planned and executed events for the entrepreneurship community on centennial campus.
- Worked with a team to ensure the well-being of over 120 student residents.

Museum of Life and Science, Durham, NC

Lab Education Facilitator

November 2025- July 2026

- Utilized inquiry-based learning to engage hundreds of learners of all ages and backgrounds a day.
- Facilitated spaces and demonstrations (mammal, reptile, insect, arachnid, planetarium and liquid nitrogen).

FELLOWSHIPS AND ACADEMIC PROGRAMS

- UNC-CH Carolina Diplomacy Fellows, 2026
- NCSU Grand Challenges Scholars Program, 2025
- NCSU Comparative Medicine Institute U-TEAM Undergraduate Research Fellowship, 2025
- NCSU University Honors Program, 2023

AWARDS AND ACHIEVEMENTS

- **Honorable Mention** - NCSU Office of Undergraduate Research Envisioning Research Image Contest, 2026
- **Winner** - NCSU Innovation and Entrepreneurship Force Multiplier Award, 2025
- **Finalist** - NCSU Innovation and Entrepreneurship VenturePack Challenge, 2025
- **Eagle Scout** - Scouts BSA, Troop 424, 2022

SKILLS

- QuPath, Fiji, SolidWorks, R, Matlab, Gemini, Claude, Microsoft Suite, Ableton, Creative Cloud, Canva