

Amy Rousselot, MS, DO

amyrousselot@gmail.com

Training

Anatomic and Clinical Pathology Residency, Postgraduate Year 2 | University of Colorado – Anschutz | Aurora, CO (*Jun 2023 – Board-eligible 2027*)

Education

Doctor of Osteopathic Medicine (DO) | Lincoln Memorial University-DeBusk College of Osteopathic Medicine | Knoxville, TN (*Aug 2019 – May 2023*)

Master of Science in Biomolecular Science | Lipscomb University | Nashville, TN (*Aug 2017 – Oct 2018*)

Bachelor of Science in Biology, *cum laude*, minor in Medical Missions | Harding University | Searcy, AR (*Aug 2013 – May 2017*)

Certifications and Licensure

Physician Training License | Colorado Medical

Board – Issued *May 2023*

USMLE Step 1 – Pass – *July 2021*

USMLE Step 2 – Pass – *July 2022*

COMLEX Level 1 Pass – *July 2021*

COMLEX Level 2 Pass – *July 2022*

COMLEX Level 3 Pass – *Nov 2023*

Honors and Awards

“U Rock” Award | University of Colorado – Anschutz

Mar 2025

Basic Science/Clinical Research Scholar Award | LMU-DCOM

Dec 2020

Student Doctor of the Year Nominee | LMU-DCOM

Dec 2020

Gold Humanism Honor Society

Aug 2020

Student Doctor of the Month | LMU-DCOM

Apr 2020

Sigma Sigma Phi | LMU-DCOM

Mar 2020

Professional Organizations

American Osteopathic Association

since Aug 2019

Council of Osteopathic Student Government Association

Aug 2019 – Apr 2021

Sigma Sigma Phi

since Mar 2020

Gold Humanism Honor Society

since Aug 2020

College of American Pathologists

since May 2023

American Society for Clinical Pathology

since May 2023

Teaching Record

Lecturer | University of Colorado - Anschutz | Aurora, CO

Subjects for Residents:

Microbiology and Antimicrobial Resistance

Oct 2023

Plasma Cell Neoplasms and Friends

Dec 2023

ABO Discrepancies & Rh Haplotypes and Antibody Identification Problems

Sep 2024

Pediatric Apheresis Journal Article Review

May 2025

Subjects for Faculty and Staff:

Breast Cytology

Apr 2024

Marfan Syndrome (in an Autopsy)

Mar 2024

Pediatric Renal Tumors

Dec 2024

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| Cytology Journal Club: Reporting Bone Cytopathology | Mar 2025 |
| Cytology Interesting Case Conference: The Good, the Bad, and the Ugly | Mar 2025 |
| Pediatric Hematopathology | May 2025 |
| Pediatric Apheresis Journal Club | May 2025 |
| Microbiology: Rat Bite Fever vs. Hantavirus | May 2025 |
| Subjects for Medical Students: | |
| Breast Pathology | Jun 2024 |
| Placental Pathology | Jun 2024 |
| Male and Female Reproductive Pathology | Jul 2024 |
| Atherosclerosis, Ischemia & Infarction | Oct 2024 |
| Valvular Heart Disease | Nov 2024 |
| Heart Failure and Cardiomyopathy | Nov 2024 |
| Subjects for High School Students (Summer Teen Program): | |
| Introduction to Pathology (Blood Bank, Gross Pathology, and Histology) | Jul 2024 |
| Tutor Lincoln Memorial University Debusk College of Osteopathic Medicine Knoxville, TN | |
| Subjects for Medical Students: | |
| Microbiology | Jan 2021 |
| Pharmacology | May 2021 |
| Molecular Fundamentals of Medicine | Aug 2021 |
| Musculoskeletal System | Oct 2021 |

Leadership

College of American Pathology Resident Forum Delegate (Oct 2023 – Current)

Resident Forum Delegates for CAP are responsible for attending biannual meetings to discuss current topics in the field of pathology. I represent the University of Colorado and have a vote in the Resident Forum Executive Committee.

College of American Pathology Future Pathologist Champion (Sep 2024 – Current)

Future Pathologist Champions is a CAP committee that uses social media and networking to get medical students and college students interested in the field of pathology.

Program Evaluation Committee, University of Colorado - Anschutz (Oct 2023 – Current)

Meet quarterly to represent the residents' opinions and suggestions. Discuss with program directors about updates, changes, and suggestions involving the curriculum.

Wellness Committee, University of Colorado - Anschutz (Aug 2024 – Current)

Planned events benefitting the mental health of residents, including Waffle Friday, Karaoke Nights, Post-Rotation dinners, Bolder Boulder 10k, etc.

Resident Recruitment Committee, University of Colorado - Anschutz (Aug 2023 – Current)

Spearheaded the first Open House for University of Colorado, so that potential applicants can learn about the program before applying.

Social Media Committee, University of Colorado - Anschutz (Aug 2023 – Current)

Started a resident run Instagram and updated both Instagram and X with residency events.

Student Researcher of the Year Committee, LMU-DCOM (Dec 2021)

Sigma Sigma Phi, LMU-DCOM – Treasurer (Mar 2020 - Mar 2021)

Simulation Club, LMU-DCOM – President and Founding Member (Feb 2020 – May 2021)

Community Wellness Program: Mail from a Medical Student, LMU-DCOM – Site Leader

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(Mar 2020 – Apr 2021)

Student Doctor of the Year Committee, LMU-DCOM (Nov 2020)

Racial Disparities Book Club, LMU-DCOM – Founder (Jun 2020 – Mar 2021)

Executive Vice President of Student Government Association, LMU-DCOM (Sep 2019 – Mar 2021)

DOCare International, LMU-DCOM – Secretary and Founding Member (Mar 2020 - Mar 2021)

Global Health Scholar of the Year Leader, Council of Student Government Presidents (Oct 2020 – Mar 2021)

Bibliography

Peer Reviewed Publications

1. Roland H, Brown A, **Rousselot A**, Freeman N, Wieting JM, Bergman S, Mondal D. Osteopathic Manipulative Treatment Decreases Hospital Stay and Healthcare Cost in the Neonatal Intensive Care Unit. *Medicines (Basel)*. 2022 Sep 21;9(10):49. doi: 10.3390/medicines9100049. PMID: 36286582; PMCID: PMC9607199.

Case Reports and Abstracts

2. **Rousselot A**, Bodmer J. Case 24-09, Slide Survey Online, submission for the Society for Pediatric Pathology. 2024 Sep 9.
3. Walsh C, **Rousselot A**, Wicks S, Jesse Lowry MK. (2024). Parosteal Lipoma. *ACR Case in Point*. In press.
4. Hennessy T, Zaidi A, **Rousselot A**, Greene N, Fink D, Samedi V. Rupture Likelihood and Inflammatory Response in Blue Laser-Induced Vascular Damage in the Chick Chorioallantoic Membrane Model. Submitted for publication.
5. Post M, Aryanpour Z, Kono S, Christian N, **Rousselot A**. Lobular Carcinoma Presenting as Metastasis to an Endometrial Polyp: A Unique Case and Literature Review. Submitted for publication.
6. **Rousselot A**, Lamantia T, Sledge M, Effect of Calorie Restriction on the Lifespan of *Nothobranchius furzeri* and *Notobranchius korthause*. Oral Capstone Presentation. 2018 May 4.

Ongoing

7. Jing J, **Rousselot A**, Merrick D. Molecular events underlying the development and progression of interstitial lung disease (ILD) related peripheral squamous cell carcinoma (SCC) and associated squamous dysplasia. In process.
8. **Rousselot A**, Jing J. Non-small Cell Lung Cancer (Squamous Cell Carcinoma and Adenocarcinoma) in the Context of Interstitial Lung Disease (ILD). In process.

Quality Improvement Projects

Working with the Microbiology Lab Testing for Antimicrobial Resistance | Rocky Mountain Regional Veterans Administration Medical Center (Nov 2023)

- This project was performed by analyzing data over two months in regard to inpatient microbiology studies and resistance for certain antibiotics. A focused amount of time was spent on how to identify borderline oxacillin-resistant *Staphylococcus aureus* with the goal of not delaying antibiotic treatment in patients with this test result.

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Safety Tracing and Reporting System and Managing Lost Specimens | Denver Health *(May 2024)*

- Worked with several technicians at the Denver Health Hospital System in handling management when a specimen is lost or incorrectly handled. This quality improvement report was made after a specific cytology specimen was lost in transit, delaying care to a patient in need.

Laboratory Experience

Squamous Cell Carcinoma Molecular Research and Microdissection | Colorado Molecular Correlates Laboratory | Primary Researcher | *(May 2025 – Present)*

Effects of Laser Energy on Chorioallantoic Membranes Research | Anschutz Medical Campus | Pathologist *(Oct 2024 – Present)*

Pneumococcal Vaccine Research | LMU-DCOM | Research Assistant *(May 2020 - Jul 2021)*

Gross Technician | Texas Tech University Health Sciences Center | Lubbock, TX *(May 2020 – Jul 2020)*

Biomolecular Science Capstone Research | Lipscomb University | Primary Researcher *(Mar 2018)*

Summer Undergraduate Research in Florence, Italy | Harding University in Florence | Research Assistant *(Jun 2017)*

Extracurricular Activities & Volunteering

Inside the Orchestra: Tiny Tots | Denver, CO *(June 2023 – Current)*

College of American Pathologist Future Pathologist Champion | Virtual *(Sep 2024 – Current)*

Under the Bridge Lost Sheep Ministries Volunteer | Knoxville, TN *(Mar 2020 – April 2021)*

Nursing Home Letters to Morning Pointe | Knoxville, TN *(Mar 2020 – Apr 2021)*

Texas Tech University Health Sciences Center Dermatopathology Lab Volunteer | Lubbock, TX *(May 2019 - Dec 2020)*

Remote Area Medical Clinic Medical Volunteer | Knoxville, TN *(Jan 2020)*

Middle School Health Screenings | Knoxville, TN *(Jan 2020)*

Personal Protective Equipment Fundraiser Creator | Knoxville, TN *(Mar 2020 – Sep 2020)*

Salvation Army Volunteer | Knoxville, TN *(Sep 2019 May 2021)*

Medical Mission in Peru | TTUHSC | Piura, Peru *(Jul 2019)*

Lubbock Impact Free Clinic Volunteer | Lubbock, Texas *(Dec 2015 – Aug 2020)*

Free Skin Cancer Screening Volunteer | TTUHSC | Lubbock, Texas *(Apr 2019)*

Medical Mission to Nicaragua | Jinotega, Nicaragua *(Mar 2017)*

Leadership Team, Global Missions Experience | Searcy, AR *(May 2015 – Sep 2015)*