

Susan D. Roseff, MD



Professor and Vice Chair, Department of Pathology
Division Chair, Clinical Pathology
Harry P. Dalton Professor in Clinical Pathology
Medical Director, Apheresis
Virginia Commonwealth University
Office: (804) 828-0255
Email: susan.roseff@vcuhealth.org

Education

Residency

Department of Pathology, George Washington University Medical Center
Washington, DC

Internship

Department of Pediatrics, Duke University Medical Center
Durham, North Carolina

Medical Education

MD, Albany Medical College, Albany, New York
PA AB (Biology) Brown University, Providence, Rhode Island
Post-baccalaureate student, University of Pennsylvania, Philadelphia

Licenses & Certifications

Medical Licenses

Virginia, Georgia, South Carolina, North Carolina

Board Certifications

American Board of Pathology

1994 Transfusion Medicine/Blood Banking

1992 Clinical Pathology

1987 National Board of Medical Examiners Diplomate

Selected Awards & Honors

- 2023 - 25 Richmond Top Docs Pathology, Richmond Magazine, Richmond, Virginia
- 2024 - 25 Virginia Top Docs Pathology, Virginia Business Magazine, Richmond Virginia
- 2017 Outstanding Teacher Award, Excellence in Leadership. School of Medicine, Virginia Commonwealth University, Pre-Clinical Division Director, Applied Medical Science, 2016-2017, Class of 2020
- 2017 Outstanding Teacher Award, Best Teacher. School of Medicine, Virginia Commonwealth University, Applied Medical Sciences, Marrow, 2016-2017
- 2014 Enrique Gerszten, M.D. Faculty Teaching Excellence Award is none other than our The Faculty Excellence Award is the School of Medicine's highest recognition for teaching
- 2006 The Saul Kay Award, Department of Pathology, presented by the graduating residents to a faculty member who is uniquely dedicated and effective in resident teaching

Recent Grants and Funding

April 2020 - present

NHLBI - 1UG3 HL143192-01A1 - Sickle Cell Disease and Cardiovascular Risk – Red cell Exchange Trial (SCD-CARRE) PIs – Gladwin, MT and Triulzi, DJ
Local Co-PI (with Wally Smith, MD), 5% salary support

5U10HL083732-03 Virginia Commonwealth University Sickle Cell Disease Research Network Project - PI - Smith, Wally R
National Heart, Lung, and Blood Institute/NIH/DHHS, 4/1/06 – 3/31/11, \$1,098,793, \$537,181; \$1,635,974, Co-investigator, 5% effort, network

5R01HL64122-03 - Pain in Sickle Cell Epidemiologic Study, PI - Wally R Smith MD National Heart, Lung, and Blood Institute/NIH/DH HS, 9/11/01 – 8/31/06, \$1,501,593; \$629,071; \$2,130,664, Co-investigator 3% effort

Editorial Advisory Boards

January 2018 - present Member, Editorial Board, *Transfusion*, Journal of AABB

Virginia Commonwealth University Health System Service

July 2001 Chair/Co-Chair - Present. Lecturer, School of Clinical Laboratory Sciences, 1 ½ hours lecture on pediatric transfusion therapy every spring

July 2000 Chair/Co-Chair - Present. M4 electives, approximately 1 hour, 4 times/year, MEDI M423. Virginia Commonwealth University, Richmond, VA.

January 2000 Facilitator - Present. Attending Physician, Transfusion Medicine, including Blood Bank and Apheresis

Recent Invited Presentations

Regional

Discovery Series RVA: Everything you need to know about COVID-19. Invited panelist; 9-23-2020; on Zoom, moderated by Dr. Peter Buckley.

Discovery Series Williamsburg: Everything you need to know about COVID-19. Invited panelist; 9-23-2020; on Zoom, moderated by Dr. Peter Buckley.

Invited Grand Rounds

Changes in the landscape of healthcare; the vision for academic pathology. Department of Pathology, Penn State Health, Hershey, PA. March 30, 2017.

Selected Publications

Peer Reviewed Papers

Doern CD, Whitman M, Doll M, Lavoie S, Friedel D, Bearman G, Kim J, Masters H, **Roseff S**, Willis J, Mercer R, Hill A, Feeser R, Dhindsa H, Petruzella F, Jackson A, Vitto M, Plauny J, Bryson A. Blood culture bottle shortage mitigation efforts: analysis of impact on ordering and patient impact. *Antimicrob Steward Healthc Epidemiol*. 2025 Jan 9;5(1):e6. doi: 10.1017/ash.2024.474. PMID: 39810856; PMCID: PMC11729487.

Sally Campbell-Lee, MD; Ming Jin, PhD; Lisandro Fortuny, MD; Daniel Sop, Suzanne Thibodeaux, MD, PhD; **Susan Roseff, MD**. Impact of Voxelotor on Red Blood Cell Exchange Therapeutic Procedures: Evaluation of Multi-Institutional Procedure Data. J Clin Apher. 2025 Jun;40(3):e70033. doi: 10.1002/jca.70033

Ferlis M, Lipato T, **Roseff SD**, Smith WR. Urgent use of voxelotor in sickle cell disease when urgent transfusion is not safe. Eur J Haematol. 2022; 2022:109(5):586-9.

O'Brien KL, Shainker SA, Callum J, Chmait RH, Ladhani NNN, Lin Y, **Roseff SD**, Shamshirsaz AA, Uhl L, Haspel RL. Primum, non nocere: Whole blood, prehospital transfusion, and anti-D hemolytic disease of the fetus and newborn. Transfusion 2023;63(1): 249-56.

Do M, Sanford K, **Roseff S**, Hovaguimian A, Besche H, Fischer K. Gamified versus non-gamified online educational modules for teaching clinical laboratory medicine to first-year medical students at a large allopathic medical school in the United States. BMC Med Educ. 2023;14(23):12909-23.

Book Chapters and Monographs

Roseff SD, and Wong E (eds.) Pediatric Transfusion: A Physician's Handbook. 5th ed. Bethesda: AABB; Oct 2020.

Chapters

Roseff, SD, Sickle cell disease, CAP Transfusion Medicine TMRC book. Ed. Hudgins J, Karafin M, Karp J, Schwartz J. College of American Pathologists. 2020.

Posters/Abstracts

Routine Use of Serum Ammonia Level As Diagnostic Work Up of Hepatic Encephalopathy is Common but Does Not Impact Clinical Care. Kumral D, **Roseff SD**, Siddiqui MS. 2018 Annual Meeting of American Gastroenterological Association, DDW in Washington, DC.

Unwell: Results from the College of American Pathologists 2022 pathologist wellness survey. Saint Martin MC, O'Leary MF, Berg MP, Sathiyamoorthy S, Vernon LJ, **Roseff SD**, Auerbach A, Peker Barclift D, Yorke RJ, Zhai QJ, Christensen V, Cohen MB. 2023 Annual Meeting of the College of American Pathologists in Chicago, IL.