

# Susan D. Roseff, MD



Professor and Vice Chair, Department of Pathology  
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## 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.