

# Susan D. Roseff, MD



Interim Chair, Department of Pathology  
Chair, Division of Clinical Pathology  
Harry P. Dalton Professor in Clinical Pathology  
Medical Director, Apheresis  
Professor, Department of Pathology  
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## Licenses & Certifications

### *Medical Licenses*

Virginia, Georgia, South Carolina, North Carolina

### *Board Certifications*

American Board of Pathology

Transfusion Medicine/Blood Banking, 1994

Clinical Pathology, 1992

National Board of Medical Examiners Diplomate, 1987

## Education

### *Residency*

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

### *Internship*

Department of Pediatrics, Duke University Medical Center, Durham, NC

### *Medical Education*

MD, Albany Medical College, Albany, New York

Post-baccalaureate student, University of Pennsylvania, Philadelphia

PA AB (Biology) Brown University, Providence, Rhode Island

## Awards

- 2017 Outstanding Teacher Award, Excellence in Leadership Pre-Clinical Division Director (Marrow, Applied Medical Sciences)
- 2017 Outstanding Teacher Award, Best Teacher, (Marrow, Applied Medical Sciences)
- 2016 Outstanding Teacher Award, Excellence in Leadership Pre-Clinical Division Director (Marrow, Applied Medical Sciences)
- 2016 Outstanding Teacher Award, Best Teacher, (Marrow, Applied Medical Sciences)
- 2015 Outstanding Teacher Award, High Evaluation, (Marrow, Applied Medical Sciences)
- 2014 Enrique Gerszten Faculty Teaching Excellence Award
- 2014 Outstanding Teacher Award (M2a Marrow, Applied Clinical Sciences)
- 2013-14 Best Teacher Award (MII Hematology/Oncology Course)
- 2012-13 Best Teacher Award (MII Hematology/Oncology Course)
- 2011-12 Best Teacher Award (M-II Hematology/Oncology Course)
- 2010-11 Best Teacher Award (M-II Hematology/Oncology Course)
- 2009-10, 2002-03  
Outstanding Teacher Certificate Award (M-II hematology/Oncology Course)
- 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

# Virginia Commonwealth University and Medical Center Appointments

## *Current (Department of Pathology)*

Interim Chair, Department of Pathology

Chair, Division of Clinical Pathology

Medical Director, Apheresis Attending, Transfusion Medicine

## *Current (VCU)*

VCU School of Medicine, Admissions Committee (interviewer)

## *Current (VCU Health System)*

EPIC Lab Leadership Workgroup

Blood Utilization Committee

## Professional Organizations

AABB (formerly American Association of Blood Banks), American Society for Apheresis

American Society of Clinical Pathologists, American Society of Hematology College of American Pathologists

## Professional Service

### *National Committee - Leadership Role*

2008-2013	Board of Directors, Mid-Atlantic District Director, AABB
2014-2016	Board of Directors, At Large Representative, AABB
2013-2014	Standards Committee, Chair, AABB
2016-2017	Secretary, AABB Board of Directors

## *National Committees*

2019-present Member, Editorial Board, Transfusion (publication of AABB)

2019-present Member, Economics Affair Committee, College of American Pathologist

2003-2019 Medicine, American Board of Pathology Member, Test Development and Advisory Committee Manual for Transfusion

2005-2011 Transfusion Medicine Resource Committee, College of American Pathologists

2005-08, 2012-15 (AABB Representative) Blood Safety and Availability Committee  
Department of Health and Human Services

Economic Affairs Committee – Payment Policy Sub-committee, College of American Pathologists

Wellness Committee, College of American Pathologists

## **Recent Grants**

Local Co-PI, Sickle Cell Disease and Cardiovascular Risk – Red cell Exchange Trial (SCD-CARRE), NHLBI, began 2020.

Sub-investigator, A randomized, double-blinded, controlled, parallel groups study with the Intercept Blood System for red blood cells in regions at potential risk for Zika virus transfusion-transmission infections (RedeSStudy) and treatment use open-label (Extension Study). Cerus Corporation, began 2018.

## *Interests*

Pediatric transfusion therapy, clinical apheresis, blood component therapy, immunohematology, sickle cell disease, laboratory test utilization.

# Recent Publications

## *Peer Reviewed Publications*

Ferlis M, Lipato T, **Roseff SD**, Smith WR. Eur J Haematol. 2022; 109(5):586-589.

Godbey EA, Anderson MR\*, Bachmann L, Sanford, KW, Wieditz K, **Roseff, S**. How do we monitor hemoglobin S in patients who undergo red blood cell exchange and take voxelotor? Transfusion, 2021;61:1680-3.

Sanford K, Case N, Blake B, Michaud T, McPherson RA, **Roseff SD**. Changes in MCV and RDS predict erythrocyte engraftment following hematopoietic stem cell transplantation. Am J Clin Pathol. 2020;153:781-9.

Godbey EA, Dalton JB, Lai G, Sanford KW, and **Roseff SD**. First reported case of leukocytapheresis in plasma cell leukemia. Transfusion. 2020;60(1):11-12.

Sanford KW, Anderson J, **Roseff S**, McPherson RA. Iron deficiency anemia in patients undergoing extracorporeal photopheresis for cutaneous T-cell lymphoma. Lab Med. 2019 Jan 1;50(1):29-33.

Kumral D, Qayyum R, **Roseff S**, Siddiqui M. Adherence to recommended inpatient hepatic encephalopathy workup, Journal of Hospital Medicine, 2019; 157-160:157-60.

Smith WR, McClish DK, Roberts JD, Kandalaf O, Dahman B, Knisely J, Levenson J, **Roseff S**, Aisiku I. Prescription opioid misuse index in sickle cell patients: A brief questionnaire to assess at-risk for misuse. Journal of Opioid Management. August 2019; 14(4):323-31.

Smith WR, McClish DK, Dahman B, Levenson J, Aisiku I, Penberthy LT, Bovbjerg VE, **Roseff SD**, Scherer M, Roberts JD. Predictive Ability of Intermittent Daily Sickle Cell Pain Assessment: the PiSCES Project. J Pain. 2018 Oct 1;19(10):1972-1981.

Sanford KW, Anderson J, **Roseff S**, McPherson RA. Iron deficiency anemia in patients undergoing extracorporeal photopheresis for cutaneous T-cell lymphoma. Lab Med. 2018 June 28 (e pub before publication).

**Roseff SD.** Cryptantigens: It is time to uncover their true significance. *Transfusion*. 2017;57:2552-7 (Invited Editorial).

Sickle Cell Adults: the PiSCES Project. Awards BMRI Hematology Special Edition. 2017; 2017:1-20.

Safo M, Ghatge MS, Ahmed MH, Omar AS, Pagare PP, **Rosef [sic] S**, Kellogg GE, Abdulmalik O, Safo MK. Crystal Structure of Carbonmonoxy Sickle Hemoglobin in R-state Conformation. *J Struct Biol*. 2016 Jun;194(3):466-50.

Prioli KM1, Pizzi LT2, Karp JK3, Galanis T3, Herman JH3; Plasma Cost Focus Group (John Fanikos, Charles Pollack, **Susan Roseff**, Ronald Rubin, and F. Randy Vogenberg). Cost of purchased versus produced plasma from donor recruitment through transfusion. *Appl Health Econ Health Policy*. 2016 Oct;14(5):609-17.

**Roseff SD.** Invited Editorial. Neonatal transfusion practice: should our policies mature with our patients? *Transfusion*. 2011;51:908-13.

McPherson RA, Buckler A, Sanford KW, **Roseff SD.** Investigation of Heparin-Related Hypotensive Adverse Events during Photopheresis: Utility of a Patient Care Data Base. *Transfusion*. 2011;51:1314-20

**Roseff, S.D.**, Luban, N.L.C., and Manno, C.S.: Guidelines for assessing the appropriate-ness of pediatric transfusions. *Transfusion*, 42: 1398-1413, 2002.

### *Books*

**Roseff SD**, Wong E. (ed) *Pediatric Transfusion: A Physician's Handbook*, 5th ed. AABB, Bethesda, MD. 2020.

**Roseff SD**, Wong E. (ed) *Pediatric Transfusion: A Physician's Handbook*, 4th ed. AABB, Bethesda, MD. 2015.

**Roseff SD**, Anderson C, Mercer R, Russell D. *Clinical Laboratory Management in the 21st Century*, 2nd ed., Garcia LS, ed in chief. Washington: A.S.M. Press; c2013. Chapter 5, The impact of regulatory requirements; pp 84-138.

**Roseff SD**, Grimes M, Russell D. Clinical Laboratory Management in the 21st Century, 2nd ed., Garcia LS, ed in chief. Washington: A.S.M. Press; c2013| Chapter 6, The changing practice of medicine; pp 139-163.

Fung, M, Josephson C, **Roseff SD**, Sloan S. Transfusion guidance document: neonatal transfusion. (E-publication) 2013. AABB Press.

**Roseff, S.D.**, (ed.) Pediatric Transfusion: A Physician's Handbook, 3rd ed. AABB, Bethesda, MD. 2009.

**Roseff, S.D.**, (ed.) Pediatric Transfusion: A Physician's Handbook, 2nd ed. AABB, Bethesda, MD. 2006.

Brecher, M.E. (ed.) ; R. Leger, J. Linden, **S. Roseff** (assoc. eds.) Technical Manual of the American Association of Blood Banks, 15th ed. AABB, Bethesda, MD. 2003.

### *Book 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.

Sloan S, Josephson C, Fung M, **Roseff S.** Neonatal Transfusion Guidance Document. AABB 2012, E-publication.

Sanford KW, **Roseff SD.** Henry's Clinical Diagnosis and Management by Laboratory Methods, 22nd ed. McPherson RA, Pincus MR, editors. USA: Elsevier-Saunders; c2011. Chapter 50, Immunodeficiency disorders; p. 963-72.

Sanford KW, **Roseff SD.** Henry's Clinical Diagnosis and Management by Laboratory Methods, 21st ed. McPherson RA, Pincus MR, editors. USA: Elsevier; c2007. Chapter 49, Immunodeficiency disorders; p. 906-15.

Sloan, S, **Roseff, SD.** Pediatric Transfusion: A Physician's Handbook, 2nd ed. Roseff SD, editor. Bethesda: AABB; c2006. Chapter 1, Blood Components: platelets, plasma, granulocytes, cryoprecipitate, special donations, and ECMO; p. 1-52.