

Susan D. Roseff, MD



Chair, Division of Clinical Pathology
Medical Director, Apheresis
Associate Director, Resident Training Program
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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

Outstanding Teacher Award, Excellence in Leadership Pre-Clinical Division Director (Marrow, Applied Medical Sciences), 2017, Outstanding Teacher Award, Best Teacher, (Marrow, Applied Medical Sciences), 2017

Outstanding Teacher Award, Excellence in Leadership Pre-Clinical Division Director (Marrow, Applied Medical Sciences), 2016, Outstanding Teacher Award, Best Teacher, (Marrow, Applied Medical Sciences), 2016

Outstanding Teacher Award, High Evaluation, (Marrow, Applied Medical Sciences), 2015

Enrique Gerszten Faculty Teaching Excellence Award, 2014

Outstanding Teacher Award (M2a Marrow, Applied Clinical Sciences), 2014

Best Teacher Award (MII Hematology/Oncology Course), 2013-2014

Best Teacher Award (MII Hematology/Oncology Course), 2012-2013

Best Teacher Award (M-II Hematology/Oncology Course), 2011-2012 Best Teacher Award (M-II Hematology/Oncology Course), 2010-2011

Outstanding Teacher Certificate Award (M-II Hematology/Oncology Course), 2009-2010, 2002-2003

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, 2006

Virginia Commonwealth University and Medical Center Appointments

Current (Department of Pathology)

Vice Chair, Department of Pathology

Chair, Division of Clinical Pathology

Associate Director, Resident Training Program

Medical Director, Apheresis Attending, Transfusion Medicine

Performance Improvement Committee Executive Committee

Clinical Services Strategic Planning Committee

Current (VCU)

VCU School of Medicine, Promotions Committee

VCU, Public Health Response Team which was organized for the University's response to COVID-19.

Current (VCU Health System)

Co-director, Laboratory Utilization Committee

EPIC Lab Leadership Workgroup

Blood Utilization Committee

Professional Organizations

AABB (formerly American Association of Blood Banks) American Association for

Physician Leadership American Society for Apheresis

American Society of Clinical Pathologists American Society of Hematology

College of American Pathologists International Society of Blood Transfusion

Professional Service

National Committee - Leadership Role

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

Secretary, AABB Board of Directors 2016-2017

National Committees

Blood Safety and Availability Committee - Department of Health and Human Services, 2005 – 2008, 2012 – 2015 (AABB Representative)

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

Member, Test Development and Advisory Committee Manual for Transfusion Medicine, American Board of Pathology, 2002-2019

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

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

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 (RedeS Study) 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

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, Kandalaft 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, **Roseff 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.