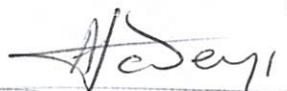


WAKE FOREST UNIVERSITY  
SCHOOL OF MEDICINE  
CURRICULUM VITAE  
[Emmanuel.Fadeyi@wfusm.edu](mailto:Emmanuel.Fadeyi@wfusm.edu)

x   
3/31/26

NAME: Emmanuel A. Fadeyi, M.D. FCAP, CABP

CURRENT ACADEMIC TITLE: Professor of Pathology

Office: Department of Pathology  
Wake Forest University School of Medicine  
Medical Center Boulevard  
Winston-Salem, North Carolina 27157-1072

EDUCATION:

Undergraduate:  
1989-1991

San Jacinto College  
Class Honors Award  
Pasadena, TX

1991-1992

Allied Health Science  
University of Texas  
Houston, TX  
B.S.

Graduate:  
1995-1999

Ross University School of Medicine  
Dominica West Indies  
M.D.

POSTGRADUATE TRAINING:

2001-2005

Residency  
Anatomic and Clinical Pathology  
Washington Hospital Center  
Georgetown University Hospital  
Washington, DC

2006-2006

Rotating Fellow  
Transfusion Medicine Service  
Children's National Medical Center, Washington DC  
Johns Hopkins Hospital, Baltimore, MD

PROFESSIONAL LICENSURE:

2005-2024 State of Virginia (inactive) #0101238045  
2007-Present State of North Carolina, # 2007-01579

SPECIALTY CERTIFICATIONS:

2009 American Board of Pathology, Blood Banking and Transfusion Medicine  
2009 American Board of Pathology, Clinical Pathology  
2022 Association for the Advancement of Blood and Biotherapies  
Certified Advanced Biotherapies Professional (CABP)

RE-CERTIFICATIONS:

2018 The George Washington University, Washington DC  
AABB Cellular Therapies Certificate  
2019 American Board of Pathology  
Clinical Pathology  
2019 American Board of Pathology  
Blood Banking and Transfusion Medicine  
2025 Association for the Advancement of Blood and Biotherapies  
Certified Advanced Biotherapies Professional (CABP)

EMPLOYMENT:

Academic Appointments  
East Carolina University School of Medicine, Greenville, NC  
2007-2011 Assistant Professor of Pathology  
Wake Forest University School of Medicine, Winston-Salem, NC  
2011-2015 Assistant Professor, Department of Pathology  
2015-2023 Associate Professor, Department of Pathology  
2023- Present Professor, Department of Pathology  
2024- Present Professor, Wake Forest Institute for Regenerative Medicine

## Professional Experience

2007-2011	Medical Director, Transfusion Services Pitt County Memorial Hospital, Greenville, NC
2007-2011	Medical Director, Transfusion Services Outer Banks Hospital, Nags Head, NC
2008-2011	Clinical Pathology Consultant, Department of Pathology Beaufort County, Medical Center, Washington, NC
2011-Present	Medical Director, Blood Bank Wake Forest Baptist Health Winston-Salem, NC
2011-Present	Medical Director, Stem Cell Transplant & Cellular Therapy Processing Laboratory Wake Forest Baptist Health Winston-Salem, NC
2016-2022	Medical Director, and CLIA Laboratory Director Greensboro Multispecialty Clinical Laboratory Greensboro, NC
2020-2022	Medical Director and CLIA Laboratory Director Urology Clinical Laboratory, Charlois Blvd Winston-Salem, NC
2022-Present	Medical Director, and CLIA Laboratory Director Davie Medical Center Clinical Laboratories, Bermuda Run, NC

## ADMINISTRATIVE SERVICE:

### Institutional Service:

2011-Present	Multidisciplinary Trauma Peer Review Committee – Member
2011-Present	Trauma Quality Assurance Committee – Member
2011-Present	Wake Market Patient Blood Management Committee – Member
2011-Present	Patient Blood Management Committee – Member
2011-Present	Stem Cell Transplant & Cellular Therapy Program Committee - Member
2018-Present	Stem Cell Transplant & Cellular Therapy Steering Committee - Member
2021-Present	Stem Cell Transplant & Cellular Therapy Donor Selection Committee – Member

## Departmental Service:

2013-Present	Residency Committee, Department of Pathology-Member Safety Governance Committee, Department of Pathology - Founding Member
2019-Present	Compensation Committee, Department of Pathology - Member
2021-2022	Co-Director – Continuing Medical Education Activity, Department of Pathology – Pathology Grand Rounds
2022-2025	Director – Continuing Medical Education Activity, Department of Pathology – Grand Rounds
2023-Present	Departmental Promotions Committee – Member
2025-Present	Co-Director – Continuing Medical Education Activity, Department of Pathology – Pathology Grand Rounds

EXTRAMURAL APPOINTMENTS  
AND SERVICE:

## Editorial Reviewer:

2013-Present	Transfusion- Reviewer
2014-Present	Nigerian Journal of Clinical Practice- Ad Hoc Reviewer
2016-Present	Annals of Laboratory Medicine- Ad Hoc Reviewer
2017-Present	Immunohematology-Ad Hoc Reviewer
2017-Present	American Journal of Clinical Pathology- Reviewer/editor
2021 –Present	Transfusion Medicine- Ad Hoc Reviewer
2019-Present	Assistant Editor, Transfusion Medicine, American Journal of Clinical Pathology (AJCP)

## Editorial Board:

2019-Present	Assistant Editor, Transfusion Medicine, American Journal of Clinical Pathology (AJCP)
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## Advisory Board:

2019-2020	Secure Transfusion Services (STS) Aim to increase the quality, safety, and availability of transfusable blood components, especially apheresis platelets
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National Committee Assignment:	Association for the Advancement of Blood and Biotherapies (AABB)
2019-2020	Member, Continuing Education Advisory Committee
2020-2025	Member, Annual Meeting Education Committee

PROFESSIONAL  
MEMBERSHIPS AND SERVICE:

1995-Present	Fellow, American Society of Clinical Pathologists
2005-Present	Member, American Medical Association
2005-Present	Member, Association for the Advancement of Blood and Biotherapies (AABB)
2007-Present	Member, American Society for Apheresis
2009-Present	Fellow, College of American Pathologists
2009-Present	Member, International Society of Blood Transfusion
2024-Present	Member, Cell Therapy Current and Emerging Topics Subsection (AABB)
2024-Present	Member, Clinical Hemotherapy Subsection (AABB)

HONORS AND AWARDS:

2007	Fenwal Scholarship Award American Association of Blood Banks Research Fellowship Superior Research Training Award
2009	Summer Institute Program to increase Diversity in Health Related Research (SIPID) Award National Heart Lung and Blood Institute National Institutes of Health, Bethesda, MD
2010-2011	Teaching Award in Recognition of Excellent Teaching Clinical Pathology and Laboratory Medicine Faculty Teaching Award East Carolina University School of Medicine Pitt County Memorial Hospital, Greenville, NC
2017-2018, 2022-2023	AABB (Professional Engagement Program – PEP) PEP Mentoring Program (4 mentees)
2022-2023	Association of Pathology Chairs Leadership Fellows Program
2023-2024	Clinical Pathology Faculty Teaching Award Dept of Pathology Wake Forest School of Medicine

## CLINICAL INNOVATIONS AND INITIATIVES

### Quality Improvement Initiatives

2011-Current	Blood Management Program (WFBMC) >\$10 million cost avoidance
2013-2015	Implementation of new Blood Cooler inserts, tracking system >\$168,000 cost avoidance for 2013-2015 (WFBMC)
Evidence Based Best Practice Initiatives	
2018-Current	Implementation of Whole Blood Transfusion in Adult Trauma Reduction in mortality (WFBMC)
2018-Current	Implementation of Liquid Plasma Transfusion in Adult Trauma Improved Turnaround Time & MTP ratio (WFBMC)
2021-Current	Implementation of Whole Blood Transfusion in Pediatric Trauma Reduction in mortality (WFBMC)

## COLLABORATIVE RESEARCH AND CLINICAL TRIALS

### External:

2017	Principal Investigator for the Biomedical Excellence for Safer Transfusion (BEST) Collaborative (WFBMC participating site)
2017	Principal Investigator for the STAT study Safety of the use of group A plasma in trauma Transfusion
2018	Principal Investigator for the OPTIMUS study: O- product transfusion, inventory management, and utilization during shortage
2019	Principal Investigator for the MTP use study: International assessment of massive transfusion protocol contents and indications for activation
2019	Principal Investigator for the SCARED study: The BEST criteria to improve sensitivity for detecting positive cultures in residual blood components cultured in suspected septic transfusion reactions

- 2022 – Present
- Co-Principal Investigator for Wake Forest Baptist Medical Center site: CHIPS study  
CHilled Platelet Study (CHIPS) – A phase 3, multicenter, international, randomized, partial blinded, adaptive, non-inferiority, storage duration ranging trial in adult and pediatric subjects undergoing cardiac surgery using cardiopulmonary bypass (CBP) that will compare the transfusion of cold-stored platelets at multiple storage durations to standard room temperature stored platelets. Subaward United States Army Medical Research and Development Command (USAMRDC) through the United States Army Medical Research Acquisition Activity (USMRAA) W81XWH2190014 (Direct and indirect costs \$411,496) (Initiated 01/15/2022)
- 2022 – Present
- Co-Principal Investigator for Wake Forest Baptist Medical Center site TROOP Study  
  
TROOP – Trauma Resuscitation with Group O Whole Blood or Products (TROOP) is a pragmatic, multicenter, Bayesian, group-sequential, combined non-inferiority/ superiority, randomized clinical trial of injured patients with hemorrhagic shock anticipated to require massive blood transfusions, who will be randomized to receive either whole blood (at least 8 units, if there is an ongoing transfusion requirement) or only component therapy.  
(NIH/NHLBI Grant)
- 2024 – Present
- Co-Principal Investigator for Wake Forest Baptist Medical Center site MATIC-2 Study  
  
The MATIC-2 trial is a Bayesian, randomized, multicenter, adaptive platform phase III trial. The trial will include injured children with hemorrhagic shock anticipated to require massive blood transfusion, who will be randomized to receive either LTOWB or *component therapy* (CT) and Tranexamic Acid or placebo in 1000 children at 20 US academic pediatric trauma centers. (BARDA Grant)
- 2024 – Present
- Co-Principal Investigator for Atrium Health Wake Forest Baptist site Duffy Null Neutrophil Count Project  
  
Validating and Developing Duffy Null Specific Absolute Neutrophil Count Reference Ranges for Adults and Pediatrics  
Perform a single-arm prospective blood sample collection study in healthy Participants to validate Duffy null specific ANC reference ranges that are acceptable for clinical use. This is a multi-site project. One 3 mL lavender top (EDTA) tube of volume blood will be collected from adult participants to perform Duffy phenotyping and absolute neutrophil count (ANC) analysis.  
Doris Duke Charitable Foundation  
(Healthcare System Stipend Amount: \$16,600.00)

## Internal/Institutional

- 2016-Present Dr Hooman Sadri-Ardekani of the Institute for Regenerative Medicine and Dr Anthony J. Atala, Chair of Urology and the Director of Institute for Regenerative Medicine in a protocol to study processing and freezing of testicular tissue (spermatogonial stem cell banking) "Fertility preservation in boys at risk for infertility" Co-Principal Investigator
- 2017-2020 Dr Eric Marrotte Phase 2 Study of Allogeneic Umbilical Cord Blood Infusion for Adults with Ischemic Stroke: CoBIS 2 Study. This is a multicenter, placebo controlled, randomized, double blinded Phase 2 study in 100 subjects 18-90 years of age who have sustained a recent ischemic stroke. Co-Principal Investigator
- 2017-2019 Dr Rakhee Vaidya Phase I Study of the Administration of T Lymphocytes Expressing the CD30 Chimeric Antigen Receptor (CAR) for Prevention of Relapse of CD30+ Lymphomas after High Dose Therapy and Autologous Stem Transplantation Co-Principal Investigator
- 2020-Present Dr. Kevin Gibbs A phase 1 double-blinded, randomized, placebo-controlled safety and early efficacy trial of cryopreserved cord blood derived T-regulatory cell infusions (CK0802) in the treatment of COVID-19 induced acute respiratory distress syndrome (ARDS) Co-Principal Investigator 2020 till Present
- 2021-Present Dr. Rakhee Vaidya A phase 1, open-label, dose escalating study evaluating the safety, tolerability, pharmacokinetics, pharmacodynamics and clinical activity of the combination of CLBR001, an engineered autologous T- cell product, and SWI019, an antibody-based biologic, in patients with relapsed/refractory B-Cell malignancies Study team member

## BIBLIOGRAPHY:

### Peer Reviewed Journal Articles

1. **Emmanuel Fadeyi** and David F. Stroncek. "Leukocyte Antibodies and Transfusion Reactions" *ASHI Quarterly* 2006; Vol 30: No 3.
2. Minh-Ha Tran; **Emmanuel Fadeyi**; Phillip Scheinberg; and Harvey G. Klein. "Apparent Hemolysis following intravenous antithymocyte globulin Treatment in a Patient with marrow failure and a Paroxysmal Nocturnal Hemoglobinuria clone". *Transfusion* 2006; 46:1244-1247.
3. Y. Oertel; J. Oertel; K. Dalal; M, Mendoza; and **EA Fadeyi**. "Black Thyroid Revisited: Cytologic Diagnosis in Fine-Needle Aspirates is Unlikely". *Diagnostic Cytopathol.* 2006; 34:106-111.
4. **Fadeyi EA**; Muniz M; Wayne AS; Klein HG; Leitman SF; and Stroncek DF. "The Transfusion of Neutrophil-Specific Antibodies Causes Leukopenia and a Broad Spectrum of Pulmonary Reactions". *Transfusion* 2007; 47:545-550.
5. Stroncek DF; **Fadeyi E**; Sharon Adams. "Leukocyte Antigen and Antibody Detection Assays: Tools for assessing and preventing Pulmonary Transfusion reactions". *Transfus Med Rev* 2007 Oct; 21(4):273-286.
6. **Fadeyi EA**; Adams S; Peterson B; Hackett J; Byrne P; Klein HG; Marincola FM; Leitman SF; Stroncek DF. "Analysis of a High-Throughput HLA Antibody Screening Assay for Use with Platelet Donors". *Transfusion* 2008; 48:1174-1179.
7. **Fadeyi EA**; Adams S; Sheldon S; Leitman SF; Wesley R; HG Klein; and Stroncek DF. "A Preliminary Comparison of the prevalence of Transfusion Reactions in Recipients of Platelet component from Donors with and without HLA Antibodies". *Vox Sang.* 2008 May; 94(4):324-8.
8. **EA Fadeyi**; RV Talento II; W Crews; L Thornton; M Passwater; JB Nobiletti. "Atypical Respiratory Distress and Transient decrease in Absolute Neutrophils associated with Fresh Frozen Plasma Transfusion". *Lab Medicine* 2010; 41:532-34.
9. RM Mendoza; M Moore; M Passwater; **EA Fadeyi**. "Delayed Hemolytic Transfusion Reaction without Detectable Autoantibodies or Alloantibodies: A possible Role of Phosphatidylserine exposure on Donor Red Blood Cells". *Lab Medicine* 2011; 42:653-56.
10. **Fadeyi EA**; Stratta RJ; Farney AC; Pomper GJ. "Successful Unintentional ABO-Incompatible Renal Transplantation: Blood Group A<sub>1</sub>B Donor into an A<sub>2</sub>B Recipient". *Am J Clin Pathol.* 2014; 141:724-726.
11. **Fadeyi EA**; Simmons J; Jones MR; Pomper GJ. "Acute Transient Hemolytic Anemia with a Positive Donath Landsteiner Test (DL)". *ASCP Case Reports TM* 14-6 September 2014.
12. **Fadeyi EA** (2014) Paroxysmal Cold Hemoglobinuria: Not an "Uncommon" Disease Anymore. *J Hematol Thrombo Dis* 2: 162. Doi:10.4172/2329-8790.1000162.
13. **Fadeyi EA**; J Simmons; MR Jones; E Palavecino; GJ Pomper. "Fatal Autoimmune Hemolytic Anemia due to IgG Autoantibody Exacerbated by EBV virus". *Lab Med* 2015 Winter; 46(1):55-9.
14. Cunnion KM, Hair PS, Krishna NK, Whitley PH, Goldberg CL, **Fadeyi EA**, Maes LY. Discriminating Complement-Mediated Acute Transfusion Reaction (ATR) from Type O+ Erythrocytes Transfused into a B+ Recipient with the Complement Hemolysis Using Human Erythrocytes (CHUHE) assay *Transfusion* 2016;Jul;56(7):1845-8.
15. **Fadeyi EA**; Stratta RJ; Farney AC; Pomper GJ. "Successful ABO-Incompatible Renal Transplantation: Blood Group A<sub>1</sub>B Donor into an A<sub>2</sub>B Recipient with anti-A1 iso-agglutinins" *Am J Clin Pathol.* 2016, Aug; 146:268-271.

16. Dunbar NM, Carey PM, Christie JD, **Fadeyi EA**, et al. ak DJ, Pagano MB, Khan Parker LA, Passwater ME, Pelletier JPR, Staves J, Stubbs JR, Weinstein R, Williams Iii LA, Ziman A, Yazer MH Safety of the use of group A plasma in trauma Transfusion 2017;Aug;57(8):1879-1884.
17. **Fadeyi EA**, Emery W, Simmons JH, Jones MR, Pomper GJ. Implementation of a new blood cooler insert and tracking technology with educational initiatives and its effects on reducing red blood cell wastage Transfusion 2017;Oct;57(10):2477-2482
18. Dunbar NM, Yazer MH; and the **OPTIMUS Study Investigators** on behalf of the Biomedical Excellence for Safer Transfusion (BEST) Collaborative. O– product transfusion, inventory management, and utilization during shortage: the OPTIMUS study Transfusion 2018 June;58;1348-1355
19. Thomasson RR, Dunbar NM et al and the **MTP Use Study Investigators** on behalf of the Biomedical Excellence for Safer Transfusion (BEST) Collaborative: International assessment of massive transfusion protocol contents and indications for activation Transfusion 2019 May: 59(5);1637-1643.
20. Shih AW, Dunbar NM et al and the **SCARED Study Investigators** on behalf of the Biomedical Excellence for Safer Transfusion (BEST) Collaborative The BEST criteria improve sensitivity for detecting positive cultures in residual blood components cultured in suspected septic transfusion reactions Transfusion 2019 Jul;59(7):2292-2300
21. Wagner SJ, Dy B, Young P, Goldberg C, Mair D, **Fadeyi E**, Poisson J, Cohn C Septic risk increases with apheresis platelet storage time Transfusion. 2020 Jan;60(1):220-222.
22. **Fadeyi EA**, Naal T, Green M, Simmons JH, Jones MR, Pomper GJ Anti-M-Induced Delayed Hemolytic Transfusion Reaction Lab Med 2020 Jul 8;51(4):426-429
23. **Fadeyi EA**, Saha AK, Naal T, et al. A comparison between leukocyte reduced low titer whole blood vs non-leukocyte reduced low titer whole blood for massive transfusion activation Transfusion 2020 Dec; 60(12):2834-2840
24. **Fadeyi EA**, Wagner SJ, Goldberg C, et al. Fatal sepsis associated with a storage container leak permitting platelet contamination with environmental bacteria after pathogen reduction Transfusion 2021 Feb; 51(2):641-648
25. Lapadat R, Anani WQ, Bensing KM, Aeschlimann J, Vege S, Lomas-Francis C, Westhoff CM, **Fadeyi EA**, Denomme GA. A pair of S-silencing single nucleotide variants cis-linked on GYPB. Transfusion. 2021 Apr;61(4):E34-E36.
26. Bakht A, Turner B, Warren CS, Simmons JH, **Fadeyi EA**. Anti-S: a rare cause of fetal hydrops in a previously sensitized mother. Lab Med 2021 Nov 52(6):609-613
27. Martin IW, Cohn CS, Delaney M, Fontaine MJ, Shih AW, Dunbar NM, **SCARED Study Investigators** on behalf of the Biomedical Excellence for Safer Transfusion (BEST) Collaborative. Limitations of current practices in detection of bacterially contaminated blood products associated with suspected septic transfusion reactions. Transfusion. 2021 Aug;61(8):2414-2420
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29. **Fadeyi EA**, Saha AK, Soltani S, et al. A comparison between liquid group A plasma and thawed group A plasma for massive transfusion activation in trauma patients Vox Sanguinis 2022; 117:513-519

30. **Fadeyi EA**, Warren CS, Maracaja DLV, Pomper GJ. The use of low volume RBC units for transfusion. *Transfusion*. 2022 May;62(5):1148-1149.
31. **Fadeyi E**, Mamo YT, Saha AK, Wilson E, Pomper G. The Viability of Hematopoietic Progenitor Cell Grafts after Cryopreservation Does not Predict Delayed Engraftment in Allogeneic Hematopoietic Stem Cell Transplantation *Lab Med*. 2022 Sept 1;53(5):509-513
32. Fadeyi OA, Keresztes P, Saha AK, **Fadeyi EA**. Preventing transfusion-associated circulatory overload in acute care settings. *Nursing*. 2023 Jun 1;53(6):37-41.
33. Burks M, Warren CS, Lightfoot T, **Fadeyi EA**. Anti-E alloimmunization from a platelet apheresis transfusion in a 22-month-old male with acute myeloid leukemia. *Lab Med*. 2024 Jul 3;55(4):517-519.
34. **Fadeyi EA**, Cox-Jones J, Saha AK, Katz D, Turner B, Warren CS, Pomper GJ. The Clinical Significance of Warm Autoantibodies during Pregnancy. *Transfusion Medicine*. 2025; 35:470–475.

#### Published Abstracts

1. **E Fadeyi**, Krishnan J. - Pulmonary Langerhans Cells Histiocytosis: Washington Hospital Center Research Day Washington DC | May 2002.
2. Horkayne-Szakaly I, **E Fadeyi**, Krishnan J, Chappie A, Boyle L- Intraoperative Parathyroid Evaluation as A Diagnostic Aid for Parathyroid Surgery: Washington Hospital Center Research Day American Chemical Society: New York, NY | September 2003.
3. **E Fadeyi**, Krishnan J. - Osteonecrosis in HIV Seropositive Patients: A Washington Hospital Center Study: Washington Hospital Center Research Day Washington DC | September 2004.
4. **E Fadeyi**, M Muniz, A Wayne, H Klein, SF Leitman, D Stroncek- Leukopenia And Pulmonary Dysfunction associated with Neutrophil Specific antibody (HNA-2a) as a Sign of TRALI: Report of a clinical Look-back investigation *Transfusion* 2006- Vol.46 Supplement pp14A American.
5. M Muniz, **E A Fadeyi**, S D Gladden, H Malech, S Pavletic, S Cecco, N Rehak, S F Leitman, C D Bolan- Evaluation of Safety of Intravenous Prophylactic Calcium Administration during Large Volume Leukopheresis *Transfusion* 2006; 46(Suppl); 49A.
6. **Emmanuel Fadeyi**, David Stroncek, Brett Peterson, Julia Hackett And Sharon Adams- Analysis of a high throughput method for Screening HLA Antibodies in platelet donors *Human Immunology* 2007 Vol 68 issue 1 Supplement 1 Page S-105.
7. **Fadeyi E**, Talento R, Crews W, Thornton L, Passwater M, Nobiletti John-Transient acute leukopenia and pulmonary reaction associated With a weakly reactive neutrophil antibody in a male FFP donor- *Transfusion* 2009-Vol.49, No. 3S Sept 2009 Supplement pp 199A.
8. RM Mendoza, M Moore, M Passwater, **EA Fadeyi**: Delayed Hemolytic Transfusion Reaction without Detectable Auto or Alloantibodies: A Possible Role of Phosphatidylserine Exposure on Donor Red Blood Cells: *Transfusion* 2010; 50(Suppl); 2S pp158A.
9. **Fadeyi EA**, Persad P, Simmons JH, Jones M, Pomper GJ. Life threatening anti-Kpb-induced severe delayed hemolytic transfusion reaction. *Transfusion* 2013; 53(Suppl 2):145A.
10. **Fadeyi EA**, Persad P, Simmons JH, Jones M, Pomper GJ. Autoimmune hemolytic anemia with low affinity autoantibodies presenting as DAT negative hemolysis caused by a left ventricular assist device (LVAD). *Transfusion*. 2013; 53(Suppl 2):147A.
11. Lapadat R, **Fadeyi EA**, Gottschall J, Denomme GA. A pair of cis-linked single nucleotide polymorphisms of GYPB leading to S-allele silencing. *Transfusion* 2014; 54(Suppl 2):154A.
12. Cunnion K, Hair P, Krishna NK, Whitley PH, Goldberg C, **Fadeyi EA**, Maes LY. Discriminating Complement-Mediated Acute Transfusion Reaction (ATR) from Type O+ Erythrocytes Transfused into a B+ Recipient. *Transfusion* September 2015;55(Suppl 3):130-131A
13. **Fadeyi EA**, Simmons JH, Jones MR, Pomper GJ Implementation of a new blood cooler and monitoring device and its effect on reducing red blood cell wastage. *Transfusion* Sept 2016; 53(Suppl 2):145A.

14. Dunbar NM, Carey PM, **Fadeyi EA**, Fontaine M, George MR, Harm SK, Karp JK, Koepsell SA, Kwan L, Novak DJ, Pagano MB, Passwater M, Pelletier JP, Weinstein R, Ziman A, Yazer MH.. Safety of the use of Thawed Group A plasma in Trauma Transfusion. Sept 2016; 56(Suppl 4):3A-4A.
15. Nancy M Dunbar, Maayan Shiner, Kathleen Selleng, Julie Staves, Mike Murphy, Milos Bohonek, Faisal Mukhtar, **Emmanuel Fadeyi**, Yehudt Sharon, Tamar Tadmor, Mark Yazer Reduction in Oneg RBC Utilization with Age-Based Switching for Routine Transfusions Transfusion Sept 2017, 57 (Suppl 3):182A
16. Reggie R Thomasson, James Gorham, Mark H Yazer, Nancy M Dunbar, On behalf of the **MTP Use Study Investigators** and the Biomedical Excellence for Safer Transfusion (BEST) Collaborative-International Assessment of Massive Transfusion Protocol Contents and Indications for Activation-Transfusion Sept 2018, 57;(S2)
17. **Fadeyi EA**, Simmons JH, Jones MR, Martin, H, Fenu, E, Naal, T, Pomper GJ The feasibility and safety of low titer Group O whole blood transfusion using leukocyte platelet sparing whole blood versus nonleukocyte whole blood in trauma and non-trauma patients. Transfusion Sept 2019; 59(Suppl S3):191A.
18. Matthew D. Painter, MD, **Emmanuel Fadeyi, MD**, Bethany Bouldin, BS, Philip Kayser, BS, Taishi C. Nakase, BS, James J. Hoth, MD, FACS, Preston R. Miller, MD, FACS, and Andrew M. Nunn, MD, FACS Whole Blood Based Resuscitation in Trauma is Associated with a Decreased Incidence of Acute Respiratory Distress Syndrome J Am Coll Surg. 2020 Oct; 231(4): e63.
19. Mehrnoosh Ghandili, MD, Christina S. Warren, MS, MLS(ASCP)SBB; Gregory J. Pomper, MD; **Emmanuel A. Fadeyi, MD**; Danielle L. Maracaja, MD, MS. Novel Hybrid Mutation of *RHCE* Genotype in a Family Discovered After Investigation of Anti-Rh46 September 2022 Archives of Pathology & Laboratory Medicine – September 2022.
20. Diana E. Campos, MD and **Emmanuel A. Fadeyi, MD** Sickle Trait Prevalence Among The RBC Units Used In a Pediatric Hospital In Costa Rica Between May And October 2019 Transfusion September 2023, P-IG-41.
21. Joshua Cox-Jones, DO, Daniel Katz, MD, Bettina Turner, BSMT(ASCP)SBB, Christina Warren, MSHS, MLS(ASCP)SBB, and **Emmanuel Fadeyi, MD** The Clinical Significance of Warm Autoantibody during Pregnancy Transfusion Pages: 9A-334A (P-TS-101) September 2024.
22. Joshua Cox-Jones, DO, Jordan Staggs, DO, Abdelrahman Alwan, MD, Bettina Turner, BSMT(ASCP)SBB, Christina Warren, MSHS, MLS(ASCP)SBB, Amit Saha, PhD and **Emmanuel Fadeyi, MD** Therapeutic Utility and Safety of Whole Blood in Non-Trauma Patients Pending publication in Transfusion September 2025.
23. Lauren Merz, Gilles Attipoe, Christina Barriteau , Michael Blechner, Eric Burks, Cecelia Calhoun , Sally Campbell Lee, Vivian Chang, Stella Chou, Adam Cuker, **Emmanuel Fadeyi** et al. Multicenter assessment of absolute neutrophil counts (ANC) and white blood cell counts (WBC) in healthy participants with the erythrocyte Duffy null phenotype or genotype ASH ID 25-8330 abstract #1074 Oral Orlando, FL 2025

## INVITED PUBLICATION (Editorially Reviewed)

1. **Fadeyi EA**, Simmons J, Jones MR, Pomper GJ. Acute transient hemolytic anemia with a positive Donath Landsteiner test (DL). ASCP Case Reports. September 2014; TM 14-6.
2. Pomper GJ, Maracaja DLV, Pham HP, **Fadeyi EA**. Emergency release transfusion practices provide an enduring reminder of Festina lente, to make haste slowly. Am J Clin Pathol. 2022 Oct 6;158(4):445-446

## BOOKS AND CHAPTERS

1. **Fadeyi E**, Pomper GJ. Febrile, allergic, and nonimmune transfusion reactions. In: Simon TL, Petrides M, Snyder EL, Solheim BG, et al. eds. Rossi's Principles of Transfusion Medicine. 5<sup>th</sup> ed. AABB Press, 2014:826-46.
2. Huy P, Pham, Lawrence A. Williams III and **Emmanuel A. Fadeyi** Transfusion Medicine, Apheresis, and Hemostasis, First Edition Chapter 2 "Statistics and General Principles of Laboratory Management" Elsevier Inc. 125 London Wall, London EC2Y 5AS, United Kingdom, 2017:17-42
3. **Emmanuel A. Fadeyi** and Gregory J. Pomper Rossi's Principles of Transfusion Medicine, 6<sup>th</sup> Edition Chapter 48 "Febrile, Allergic, and Non-immune Transfusion Reactions" Edited by Simon TL et al **6<sup>th</sup> ed. 2022** Oxford UK: Wiley-Blackwell

## PRESENTATIONS AT PROFESSIONAL MEETINGS

1. **Fadeyi EA**, Persad P, Simmons JH, Jones M, Pomper GJ. Life threatening anti-K<sub>pb</sub>-induced severe delayed hemolytic transfusion reaction. AABB 2013
2. **Fadeyi EA**, Persad P, Simmons JH, Jones M, Pomper GJ. Autoimmune hemolytic anemia with low affinity autoantibodies presenting as DAT negative hemolysis caused by a left ventricular assist device (LVAD). Transfusion AABB 2013
3. **Fadeyi EA**, Simmons JH, Jones MR, Pomper GJ Implementation of a new blood cooler and monitoring device and its effect on reducing red blood cell wastage. AABB 2016
4. **Fadeyi EA**, Simmons JH, Jones MR, Martin, H, Fenu, E, Naal, T, Pomper GJ The feasibility and safety of low titer Group O whole blood transfusion using leukocyte platelet sparing whole blood versus nonleukocyte whole blood in trauma and non-trauma patients AABB 2019.
5. Diana E. Campos, MD and **Emmanuel A. Fadeyi, MD** Sickle Trait Prevalence Among the RBC Units Used In a Pediatric Hospital In Costa Rica Between May And October 2019 **AABB 2023**.
6. Joshua Cox-Jones, DO, Daniel Katz, MD, , Bettina Turner, BSMT(ASCP)SBB, Christina Warren, MSHS, MLS(ASCP)SBB, and **Emmanuel Fadeyi, MD** The Clinical Significance of Warm Autoantibody during Pregnancy AABB 2024.

## ORAL PRESENTATIONS AT PROFESSIONAL MEETINGS:

### INVITED EXTRAMURAL

#### REGIONAL:

1. Pediatric Hematology and Oncology Grand Rounds, East Carolina University Department of Pediatrics, Greenville, NC, August 10, 2009.
2. Medicine/Surgery/Nursing Grand Rounds: Transfusion Related Acute Lung Injury, Beaufort County Medical Center, Washington, NC, November 9, 2009.
3. Hematology and Oncology Grand Rounds, East Carolina University Department of Medicine, Greenville, NC, | August 23, 2010.
4. Pathology Grand Rounds, East Carolina University Department of Pathology, Greenville, NC, October 18, 2010.
5. Medicine/Surgery Grand Rounds: Blood Transfusion Practice and Adverse Effects, Morehead Memorial Hospital, October 17, 2012.

6. Hematopoietic Progenitor Cell Therapy and Transfusion Management, North Carolina Association of Blood Bankers Spring Workshop Davidson, NC, April 15, 2013.
7. Selection of Platelet for patients with allo-immune refractoriness, North Carolina Association of Blood Bankers 44th Annual Meeting Wilmington, NC September 19, 2016
8. Implementation of a new blood cooler tracking technology & its effect on Reducing RBC Wastage, North Carolina Association of Blood Bankers 47th Annual Meeting Concord, NC September 17, 2019
9. Department of Pathology Grand Rounds: What's New in Blood Banking and Transfusion Medicine October 13, 2021
10. Department of Obstetrics and Gynecology Grand Rounds: Transfusion Medicine in Obstetrics (Fetal-Maternal Medicine) June 22, 2022

#### NATIONAL:

1. American Association of Blood Banks Annual Meeting Miami, FL Oral Abstract Presentation: Leukopenia and Pulmonary Dysfunction associated with Neutrophil Specific antibody (HNA-2a) as a sign of TRALI: Report of a Clinical look-back Investigation | 10/23/2006.
2. University of Texas at Dallas Department of Molecular and Cell Biology Dallas, TX Summer Institute Program to increase Diversity in Health-Related Research (SIPID) program: Optimizing Transfusion Support for Sickle Cell Patients Using Molecular Genotyping | 07/10/2009.
3. Implementation of a new blood cooler and monitoring device and its effect on reducing red blood cell wastage. AABB Baltimore, MD Oct 2016
4. The feasibility and safety of low titer Group O whole blood transfusion using leukocyte platelet sparing whole blood versus non-leukocyte whole blood in trauma and non-trauma patients. AABB San Antonio, TX Oct 2019
5. University of North Carolina School of Medicine, Chapel Hill, NC Department of Pathology Grand Rounds: Fatal Sepsis After Pathogen Reduced Platelet Transfusion September 15, 2022
6. Yale University School of Medicine, Department of Laboratory Medicine New Haven, CT Pathology Grand Rounds: Liquid Plasma and low titer Group O Whole Blood (LTOWB) Transfusion in Trauma December 7, 2022

#### DIDACTIC/SYSTEMATIC INSTRUCTION

Wake Forest School of Medicine, Department of Pathology Residency Program  
Course Director / Annual Spring Course Blood Bank/Transfusion Medicine (12 hrs)  
2012 – Present

Wake Forest School of Medicine, Department of Internal Medicine- Residency Program  
Faculty lecturer / Blood Banking/Transfusion Medicine Review (1hr)  
2012-Present

Wake Forest School of Medicine, Department of Pathology Medical Students Year 2  
Faculty lecturer / Hematology Block (Blood Banking/Transfusion Medicine-2hrs)  
2012-2023

## GRADUATE STUDENTS/RESIDENTS/FELLOWS MENTORING RELATIONSHIPS

### Residents, East Carolina University School of Medicine:

2007-2009	Susan Weiss, MD Pathology and Laboratory Medicine
2008-2010	Lance Williams, MD Pathology and Laboratory Medicine
2009-2011	William Crews, MD Pathology and Laboratory Medicine

### Medical Student, Wake Forest University School of Medicine:

Class of 2016	Osemeke Edobor (2nd year)
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### Wake Forest School of Medicine; Department of Pathology

2018-2024	<i>Advised ~1 resident each year.</i> Through my long-standing role on the residency committee, I have counseled many residents over the years.  Dr. Harrison Martin - Fourth year Pathology Resident Dr. Martin Burks - Third year Pathology Resident Dr. Ashley Crosby – First year Pathology Resident
2024-Present	Dr. Joshua Cox-Jones – Second year Pathology Resident