

15 Sept 2023

**Joseph Peter Ray Pelletier, M.D., FCAP, FASCP**

Clinical Professor, Departments of Pathology and Anesthesia  
Medical Director Transfusion Services  
University of Florida, College of Medicine  
1600 SW Archer Road  
Gainesville, Florida 32610  
(352) 273-7842  
[pelletierp@ufl.edu](mailto:pelletierp@ufl.edu)



**Education & Training**

Fellowship, Transfusion Medicine, Department of Laboratory Medicine, Yale School of Medicine, New Haven, CT	2004-2005
Residency, AP/CP Pathology, 59 <sup>th</sup> Medical Wing, Wilford Hall Medical Center USAF, San Antonio Uniformed Services Education Health Consortium, San Antonio, TX	1997-2001
Residency, Internal Medicine, 88 <sup>th</sup> Medical Group, Wright-Patterson AFB, Fairborn, OH	1991-1994
M.D., University of Health Sciences/The Chicago Medical School, North Chicago, IL	1987-1991
B.S. in Medical Technology, University of Connecticut, Storrs, CT	1981-1985

**Academic, Administrative & Clinical Appointments**

Clinical Professor Department of Pathology, Immunology, Laboratory Science University of Florida Gainesville, Florida	2023- Present
Clinical Professor Department of Anesthesia University of Florida Gainesville, Florida	2023 - Present
Associate Clinical Professor Department of Anesthesia University of Florida Gainesville, Florida	2015 - 2023
Associate Clinical Professor Department of Pathology, Immunology, Laboratory Science University of Florida Gainesville, Florida	2014 - 2023
Medical Director, Transfusion Services Department of Pathology, Immunology, Laboratory Science University of Florida Gainesville, Florida	2014- Present
Medical Director Pathology Laboratory UF Health, Shands Live Oak Live Oak FL	2014
Medical Director Pathology Laboratory UF Health, Starke Regional Medical Center Starke FL	2014
Chief Consultant for Pathology Surgeon General of the Air Force	2010-2014

United States Medical Service  
Washington, DC

Adjunct Assistant Professor 2010-2014  
Department of Pathology  
USUHS  
Lackland Air Force Base, San Antonio TX, Bethesda, Maryland

Medical Director, Blood Services 2010-2014  
Department of Pathology and Clinical Laboratory  
Wilford Hall Medical Center  
Lackland Air Force Base, San Antonio, TX

Medical Director, Lackland Blood Donor Center 2010-2014  
Department of Pathology and Clinical Laboratory  
Wilford Hall Medical Center  
Lackland Air Force Base, San Antonio, TX

Medical Director, Apheresis & Cellular Therapy Clinic 2010-2014  
Department of Pathology and Clinical Laboratory  
Lackland Air Force Base, and San Antonio Military Medical Center  
San Antonio, TX

Medical Director, Flight Commander Anatomic Pathology 2010-2012  
Department of Pathology and Clinical Laboratory  
Wilford Hall Medical Center  
Lackland Air Force Base, San Antonio, TX

Deputy Chief Medical Staff 2009-2010  
15<sup>th</sup> Medical Group  
Hickam AFB, Honolulu, HI

Air Force Transfusion Medicine Consultant 2008-2014  
Armed Services Blood Program Office  
Joint Base San Antonio  
San Antonio, Texas

Squadron Commander 2008-2010  
15<sup>th</sup> Aeromedical-Dental Squadron  
Hickam Medical Clinic, Hickam Air Force Base  
Honolulu, HI

Pathology Faculty 2008-2010  
Department of Anatomic/Clinical Pathology  
Tripler Army Medical Center  
Honolulu, HI

Staff physician, Residency Trained Flight Surgeon 2008-2010  
Aeromedicine Clinic, 15<sup>th</sup> Medical Group/Aeromedical-Dental Squadron  
Hickam Air Force Base  
Honolulu, HI

Chairman, Medical Director, 59<sup>th</sup> Laboratory Squadron 2008-2010  
Department of Pathology and Clinical Laboratory  
Wilford Hall Medical Center  
Lackland Air Force Base, San Antonio, TX

Chief Medical Staff, 59 <sup>th</sup> Clinical Support Group Wilford Hall Medical Center	2006-2008, 2010-2014
Adjunct Assistant Professor Department of Pathology USUHS Lackland Air Force Base, San Antonio TX, Bethesda, Maryland	2005-2008, 2010-2014
Medical Director, Blood Services Department of Pathology and Clinical Laboratory Wilford Hall Medical Center Lackland Air Force Base, San Antonio, TX	2005-2008
Medical Director, Lackland Blood Donor Center Department of Pathology and Clinical Laboratory Wilford Hall Medical Center Lackland Air Force Base, San Antonio, TX	2005-2008
Medical Director, Apheresis & Cellular Therapy Clinic Department of Pathology and Clinical Laboratory Lackland Air Force Base, and San Antonio Military Medical Center San Antonio, TX	2005-2008
Medical Consultant Transfusion Medicine Armed Services Blood Program Office and Air Force Blood Program Office Department of Defense and Department of Air Force	2005-2014
Medical Director, Anatomic Pathology Anatomic and Clinical Pathology Department David-Grant Medical Center Travis Air Force Base, Fairfield, CA	2003-2004
Officer in Charge, Director, Tumor Registry Department of Pathology and Clinical Laboratory David-Grant Medical Center Travis Air Force Base, Fairfield, CA	2003-2004
Medical Director, Transfusion Services Department of Pathology and Clinical Laboratory David-Grant Medical Center Travis Air Force Base, Fairfield, CA	2001-2004
Medical Director, Armed Services Whole Blood Processing Laboratory- West Armed Services Blood Program Office David-Grant Medical Center Travis Air Force Base, Fairfield, CA	2001-2004
Primary Medical Review Officer Military Drug Demand Reduction Program 60 <sup>th</sup> Air Mobility Wing Travis Air Force Base, Fairfield, CA	2001-2004
Adjunct Assistant Professor Department of Pathology University of California; School of Medicine	2001-2004

Davis, CA

**Professional Education & Experience**

Expert Reviewer for Medical-legal cases Air Force Medical Operation Agency Port San Antonio, TX	2007-2014
Medical Evaluation Board, Chair 59 <sup>th</sup> Medical Wing Lackland Air Force Base, and San Antonio Military Medical Center San Antonio, TX	2006-2007
Flight surgeon deployed to United Arab Emirate FS, Pubic Health Officer, primary care physician 908 <sup>th</sup> Expeditionary Refueling squadron, 380 <sup>th</sup> Expeditionary Medical Group Al Dhafra AB, UAE	2003
Wing Exercise/Disaster Evaluation team, hospital representative 60 <sup>th</sup> Air Mobility Wing Travis, AFB, Fairborn, CA	2002-2004
Hospital Exercise/Disaster Evaluation Team, Deputy Chief 60 <sup>th</sup> Medical Group, David Grant Medical Center Travis, AFB, Fairborn, CA	2001-2004
Advances Cardiac Life Support Instructor 72 <sup>nd</sup> Medical Group Tinker Air Force Base, Midwest City, OK	1996-1997
Clinic Chief, Internal Medicine Clinic Medical Operations Squadron 72 <sup>nd</sup> Medical Group Tinker Air Force Base, Midwest City, OK	1995-1997
Medical Chief, Allergy and Immunology Clinic Medical Operations Squadron 72 <sup>nd</sup> Medical Group Tinker Air Force Base, Midwest City, OK	1995-1997
Medical Chief, Cardio-Pulmonary Clinic Medical Operations Squadron 72 <sup>nd</sup> Medical Group Tinker Air Force Base, Midwest City, OK	1995-1997
Flight Surgeon 72 <sup>nd</sup> Aeromedical Squadron Tinker Air Force Base, Midwest City, OK	1995-1997
Medical Officer, Base Human Immunodeficiency Virus Post-deployment medical surveillance Tinker Air Force Base, Midwest City, OK	1995-1997
Combat Casualty Care Course, Advanced trauma Life Support Top 5% class of 120 persons Fort Sam Houston, Camp Bullis, Texas	1994

HIV Train the Trainer 1994-1997  
Wilford Hall Medical Center, Lackland AFB TX

Coumadin Clinic, Officer in Charge, 72<sup>nd</sup> Medical Group 1994-1997  
Medical Operations Squadron  
72<sup>nd</sup> Medical Group  
Tinker Air Force Base, Midwest City, OK

Special Medicine Clinic, Officer in Charge, 72<sup>nd</sup> Medical Group 1994-1997  
Medical Operations Squadron  
72<sup>nd</sup> Medical Group  
Tinker Air Force Base, Midwest City, OK

Staff Internist, Internal Medicine Clinic 1994-1994  
Medical Operations Squadron  
72<sup>nd</sup> Medical Group  
Tinker Air Force Base, Midwest City, OK

General Medical Technologist (ASCP-MT), Chemistry focused 1985-1987  
Hartford Hospital Medical Laboratories  
Hartford, CT

### **Military Service** *Retired USAF Colonel 1991-2014*

#### **Certification and Licensure**

Diplomat, National Board of Medical Examiners	1992
NBME Part I	1989
NBME Part II	1991
NBME Part III	1992
Internal Medicine, American Board of Internal Medicine	1994-2004
Anatomic Pathology and Clinical Pathology, American Board of Pathology	2001- Present
Medical Review Officer, American Association of Medical Review Officers	2002
Transfusion Medicine/Blood Banking, American Board of Pathology	2005- Present
American Medical Association	2014- Present
Pennsylvania inactive	
Florida State Medical License active	

#### **Honors and Awards**

Alpha Eta Allied Health Honor Society	1984
Phi Kappa Phi Honor Society	1989
Alpha Omega Alpha Medical Honor Society	1990
Transfusion Medicine Fellowship; Yale, New Haven CT	2004

USAF Cat-II Laboratory of the Year, David Grant Medical Center, CA	2005
USAF Cat-I Laboratory of the Year, Wilford Hall Medical Center, TX	2006
Sharp Sabre Team Award, OIF, Balad Iraq	2006
Excellence in Medicine; Academic: Anatomic/Clinical Pathology USAF	2008
Air Force Medical Service Laboratory of the Year	2010
Air Education Training Command Bio-Science Corps Team of the Year	2011
Grand Master; Clinician: Anatomic/Clinical Pathology USAF	2013

Florida Association of Blood Bankers' Hospital Donor Group Achievement Award; 69th Annual FABB Conference, Sarasota, FL	2015
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Blood Banking Overview Subject, UF COM, Hematology Course, Golden Apple Award	2106, 2017, 2018, 2019, 2020, 2021 2019, 2022
Top Pathologist recognized as a Leading Physicians of the World; International Association of Healthcare Professionals, Islip, NY	
Top 100 Doctor, Castle Connolly Medical Ltd., NY, NY	2020
2020 Patient Safety Team Award, the UF Health Invasive Placenta Management Team, UF Health, Gainesville, FL	2020

## Research or Clinical Interests

1. Pathogen reduction/inactivation in blood components
2. Blood program management/utilization
3. Component storage/transport and transfusion
4. Hemoglobin based oxygen carrier support
5. Massive transfusion in Obstetric and Trauma care
6. Passive immunization for infectious diseases
- 7.

## Grants and Contracts

### Current

1. Beaver T, Co-PI Pelletier JPR et al Co-Is. Phase III pathogen reduction of red cells, Red Cell Pathogen Inactivation (ReCePI) trial with CERUS corporation. **Ongoing 3 years study 5% effort \$27K support**
2. Arnaoutakis GJ, Co-PI Pelletier JPR Randomized Controlled Trial Comparing Dimethyl Sulfoxide Cryopreserved Platelets to Liquid Stored Platelets in Patients Undergoing Cardiopulmonary Bypass Surgery (CRYPTICS) (CED000000565) This study will compare post-operative blood loss in patients who received cryopreserved platelets (CPP) versus patients who received standard liquid stored platelets (LSP). Awarded pending start. Federal grant, DoD. 2022 Ongoing study **\$10K startup and 5% effort**
3. Arnaoutakis, G, Co-PI Pelletier JPR et al. *Chilled Platelet Study (CHIPS)* (CED000000543) Phase III double blind study. This study aims to demonstrate that platelets stored at 4°C are non-inferior in hemostatic efficacy to standard, room temperature platelets stored at 22°C when transfused to patients requiring cardiac surgery and are actively bleeding. The study also aims to determine the maximum storage duration of platelets stored at 4°C, and to demonstrate comparable safety of administration of platelets stored at 4°C versus platelets stored at 22°C. 2022 Federal Grant, DoD **\$10K startup and 5% effort**
- 4.

### Pending

1. None

### Past

1. Merck L, Co-PI Pelletier JPR et al Co-Is. Clinical -Trial of COVID-19 Convalescent Plasma in Outpatients (C3PO) (CED 00000382) **Completed 2 years or 600 patient enrollment 5% effort \$27K**
2. Brown R, Co-I Pelletier JPR, *Phase III study: Clinical Effectiveness of Conventional Versus Mirasol Treated Apheresis Treated Platelets in Patients with Hypo-proliferative Thrombocytopenia (MIPLATE)*. (WIRB 20162619) UFHEALTH-Shands University of Florida **Completed 3 years study 5% effort \$27K support**
3. Co-PI: Pelletier JPR, Elie M-C, *IRC005: A Randomized Double-Blind, Phase 3 Study Comparing the Efficacy and Safety of High-Titer versus Low-Titer Anti-Influenza Immune Plasma for the Treatment of Severe Influenza A.* (IRB201500771) UFHealth- Shands at Univ. of Florida; 3-year study **Completed with National Institute of Allergy and Infectious Diseases (NIAID) manuscript published 5% effort, with \$24K/year funding**
4. Co-PI: Pelletier JPR, Avery L. *Age of Blood in Children (ABC PICU)* (IRB201500818); UFHealth- Shands at Univ. of Florida **DHHS funding, completed, manuscript published**
5. Co-PI: Pelletier JPR, Elie M-C. *National Institute of Allergy and Infectious Diseases (NIAID) protocol: IRC-002 which is a randomized, open label phase 2, Multicenter Safety and Exploratory Efficacy Study of Investigational anti-Influenza Immune Plasma for the Treatment of Influenza.* UFHealth- Shands at Univ. of Florida; **Completed and manuscript published**

6. PI: Pelletier JPR, Co-I McAvin JC, Brady R. *Pre-clinical testing of a real-time PCR assay for diarrheal disease agent Cryptosporidium*; **Completed Joint Project with Armed Forces Research Institute of Medical Science (AFRIMS)**
7. PI: Pelletier JPR, Co-I: McAvin JC, Piegols; *Pre-clinical testing of real-time PCR assays for diarrheal disease agents of genera Escherichia and Shigella*, **Completed Joint Project with AFRIMS**

*Submitted not funded*

*None*

*Separate contracts from grants*

#### *Current*

1. PI Batich C, Co-I Pelletier JPR, Smith BM *Using IP-6 as a means to preserve the shelf life of stored blood* (IRB 201903277) UFHealth- Shands at Univ. of Florida: **IRB approved**
2. PI Machado D, Co-I Pelletier JPRP et al. *Blood product utilization in pediatric ECMO: a before and after study after standardization of transfusion practices*. (IRB 201902469) UFHealth- Shands at Univ. of Florida: **IRB approved**
3. Byrne B, Co-I Pelletier JPR et al. *Longitudinal evaluation of anti-AAV antibodies in individuals with rare genetic diseases* (IRB201900677) UFHealth- Shands at Univ. of Florida: **IRB approved**
4. PI Genc M, Co-I Pelletier JPR et al. *The Demographics, Management, and Outcomes of Morbidly Adherent Placenta: A Descriptive Study* (IRB201801557) UFHealth- Shands at Univ. of Florida: **IRB approved, manuscript published and more in process**
5. PI: Zumberg M, Co-I: Pelletier JPR, Speiss BD, Rajeskhar A, Mukhtar F, Fletcher BS, *A Protocol for Expanded Use of HBOC-21 (Hemopure) for the Treatment of Patients with Life-threatening Anemia when Allogeneic Blood is not an Option*. (IRB201702638) UFHealth- Shands at Univ. of Florida **Compassionate Study ongoing**

#### *Past*

1. Passwater M, Huggins M, Delvo Favre ED, Mukhtar F, Pelletier P: *Adding Automation and Independent Dual Verification to Reduce Wrong Blood in Tube (WBIT) Events*. IRB exempt QI approved project. **Abstract completed, manuscript published**
2. Olsen G, Pelletier JPR. *Outcomes in patients with B or AB blood type receiving transfusion with A type plasma during massive transfusions* (IRB201801837, IRB 2020000398) UFHealth- Shands at Univ. of Florida: **Completed abstract and manuscript published**
3. Pelletier JPR, Zhongbo J, Mukhtar F, Dunbar N, and Biomedical Excellence for Safer Transfusion (BEST) Collaborative, *When Should we Culture blood transfusion Reactions to Detect Bacteria (SCARED) study*. (IRB201700876) UFHEALTH-Shands University of Florida **Completed and abstracts and manuscripts published**
4. Mukhtar F, Pelletier, JPR, Clinical Associate Professor Pathology Department, Dunbar N, Shiner M, Selleng K, Staves J, Murphy M, Yazer M and Biomedical Excellence for Safer Transfusion (BEST) Collaborative, *Reduction in O neg RBC Utilization with Age-Based Switching for Routine Transfusions*. (IRB 201700422) UFHealth- Shands at Univ. of Florida **Completed and published**
5. Pelletier JPR *Transfusion Reaction and Infection Rates in Patients Receiving Pathogen Reduced Platelets* (IRB201702882), **Completed**
6. Pelletier JPR, Dunbar N and BEST Collaborative. *When Should we Culture blood transfusion REactions to Detect Bacteria* (IRB201700876) UFHealth- Shands at Univ. of Florida. **Completed and Published**
7. Farhadfar N, Co-I Pelletier JPR. *The Impact of Pre-operative Collection of Autologous Blood for Bone Marrow Harvest on Donor Health and Outcome*. (IRB201602696) **Completed**
8. Isom J, Mukhtar F, Pelletier JPR, *Alloimmunization in Sickle cell disease: Volume vs Frequency*. (IRB 201600770) UFHealth- Shands at Univ. of Florida. **Completed**
9. Bachman, B, Pelletier, JPR, *Workflow Comparison of Two Gel Analyzers in a Large Transfusion Service*. (Registered QI project 180) UFHealth- Shands at Univ. of Florida **Completed abstract published**
10. Harrell D, Sikora J, Mukhtar F, Pelletier JPR, *Evaluation of the Diagnosis of Transfusion Associated Cardiac Overload and Transfusion Related Acute Lung Injury*. (IRB 201601299) UFHealth- Shands at Univ. of Florida. **Completed**

11. Duque MA, Harris NS, Portillo P, Mukhtar, Faisal, Pelletier JPR, *Quantification of Residual RBS in Apheresis Platelets and Whole Derived Platelets Units Using Advia vs Sysmex Automated Hematology Analyzer*. (IRB201600208) UFHealth- Shands at Univ. of Florida **Completed abstract published, manuscript pending**
12. PI: Pelletier JPR, Co-PI: Mukhtar F, Co-I: Duque A. *Apheresis Platelets Functionality Exposed to Lower than Standard Temperatures as Measured by Thromboelastography (Teg)* (IRB201600183) UFHealth- Shands at Univ. of Florida; **Abstract published, full manuscript pending**
13. PI: Pelletier, JPR, Mukhtar, F, Sikora J *Effects of B Antigen in Type B Plasma on Iso-immunization Titer in Type A Plasma* (IRB 201600180); UFHealth- Shands at Univ. of Florida. **Completed and manuscript published**
14. PI: Pelletier JPR, Duque A. *Apheresis Platelet Functionality Exposed to Lower than Standard Temperatures as Measured by Thromboelastography (TEG)* (IRB 201600183); UFHealth- Shands at Univ. of Florida. **Completed abstract published, manuscript pending**
15. Co-PI Pelletier JPR, Sappenfield J, Mukhtar, F. *The effect of infusing whole blood and reconstituted whole blood through the fluid management system 2000 on platelet function* (IRB 201602434) UFHealth- Shands at Univ. of Florida **Completed abstract published manuscript published**
16. Co-PI Pelletier JPR, Sappenfield J, Mukhtar F. *The effect of infusing platelets through the fluid management system 2000 on platelet function* (IRB 201600953) UFHealth- Shands at Univ. of Florida **Completed abstract published**
17. PI Pelletier JPR, Mukhtar F, Olsen G. *Effects of B Antigen in Type B Plasma on Anti-B Iso-Immunization Titer in Type A Plasma* (IRB201600180) In massive transfusion protocols used to treat severe physical trauma out of type plasma potentially is used in stabilization and resuscitation of patients. We rarely see hemolysis from these transfusions. This study is designed to evaluate the effect of plasma soluble B antigen on anti-B antibody levels found in type A plasma. 85% of the population has a secretory status. We believe to be protective in these out of type transfusions. **Completed abstract published**
18. PI: Pelletier JPR, *Safety of Thawed A in Trauma (STAT Study) A multi-institution study BEST Collaborative* (IRB201500620) UFHealth- Shands at Univ. of Florida. **Completed and manuscript published**
19. PI: Pelletier JPR, MD, *GROUP Study- Group O Utilization Patterns A multi-institution study BEST Collaborative* (IRB201500203) UFHealth- Shands at Univ. of Florida. **Completed and manuscript published**
20. Co-PI: Pelletier JPR, Thomas R. *Management and outcomes of complex upper gastrointestinal malignancies within an academic healthcare system* (IRB201400956) UFHealth- Shands at Univ. of Florida **manuscript published; more studies ongoing**

## Patents and Technology Transfer- None

### Professional Memberships

South Central Association of Blood Bankers	2018
SCABB Administrative Committee, member	2019
Florida Society of Pathologists	2014
American Medical Association	2014
Florida Medical Association	2014
American Association of Blood Banks	2005
Transfusion medicine committee	
Subsection Clinical Hemotherapy, Pediatrics, Transfusion Safety, mbr	2019
Subsection Transfusion Safety/Patient Blood Management	2019
American Society for Apheresis	2011
American Society of Clinical Pathology	1985
Fellow	2001
ASCP AF Resident Forum Representative	1999-2001
College of American Pathologists	1997
House of Delegates Representative, AF representative	2003-2006, 2010-2014
Fellow	2001
House of Delegated Representative, AF residents	1999-2001



American College of Physicians-American Society of Internal Medicine  
Society of Air Force Physicians

1994-2004  
1991-2014

## Editorial Positions, Boards, & Peer-Review Services

Journal refereed	
Journal of Hematology	2022
Cureus	2021
Frontiers in Medicine (Hematology subsection, editorial board)	2021
Journal of Hematology and Blood Disorders	2017
F1000 Prime Faculty member/reviewer	2006-2009
Transfusion	2005
Abstract reviews for national meetings (AABB)	
Peer review manuscript submissions	

## Clinical Activities & Quality Improvement Initiatives

### Quality initiatives

#### Inpatient service

1. Instituted gel tube technology for hemato-immunology, David Grant Medical Center 60<sup>th</sup> Medical Group, David Grant Medical Center, Travis, AFB, Fairborn, CA 2002
2. New laboratory sample labeling device implemented- decrease clerical error rates 2002
3. Instituted cell saver technology, saves \$15K/year in component costs 2002
4. Ad hoc working group- bed expansion plan, military readiness augmented, 60<sup>th</sup> MDG 2002
5. Updated blood transfusion consent form and transfusion reaction workup protocol AF wide 2003
6. Overhauled Wings Massive Transfusion Protocol, Wilford Hall Medical Ctr 2006
7. Updated medical/medication/travel deferral lists for DoD blood donation programs 2006
8. Overhauled Wings Massive Transfusion Protocol, Wilford Hall Medical Ctr 2006
9. Updated massive transfusion protocol, UF Health 2014
10. Updated qualification for irradiated blood products, increase patient safety/standardization 2014
11. Instituted consult service for allogeneic adult & pediatric bone marrow transplants transfusion requirement post-transplant and post engraftment, increased transfusion safety 2014
12. Updated Electronic medical record for Best Practice advise on blood ordering practices Providing just in time education, increased cost savings and improved blood utilization 2015
13. Restructured DNA path consult report, decreased turnaround time from 76 days-12 days 2015
14. Instituted consult service for blood type incompatible solid organ transplants Transfusion requirements pre and post-transplant advised and implemented 2016
15. Instituted protocols to ensure solid organ transplant candidates receiving preconditioning received irradiated blood products to prevent transfusion associated graft versus host disease 2016
16. Best practice advisories put in place following completion of operating room surgical cases to return blood to transfusion service, thus decreasing blood wastage secondary to improper storage conditions With cost savings \$11K in 1<sup>st</sup> year, \$13.8K the 2<sup>nd</sup> year, \$28.5K 3<sup>rd</sup> year 2016
17. Progress note developed for transfusion medicine issues for the EHR, gives clinician clinically relevant information, increase patient safety and decrease delay in care 2016
18. Updated Maximal Blood Ordering Schedule; decreased crossmatch to transfusion ratio from 2.5:1 to 1.7-1.8:1, this increases work efficiency of blood bank staff, sustained through 2020 2016-Present
19. Updated transfusion guidelines for oncology patients, improved platelet utilization 2016
20. Best practice advisory initiated for duplicate orders, decrease unnecessary testing on patients 2016
21. Pediatric transfusion guideline, developed and approved by medical executive committee, standardized transfusion practice in pediatric population institution wide 2017
22. Code blue access granted for inpatient service for blood bank staff, increase speed of delivery of vital blood products in urgent/emergent medical/surgical situations 2018
23. Why transfuse 2 when 1 will do initiative, decrease over transfusion of RBC blood components, benchmark 50% achieved Oct 2019, 69.3% at end 2021 2018

24. Updated Maximum blood ordering schedule; decrease unnecessary crossmatch, better utilize technologist time and blood utilization; added to EPIC blood ordering system also 2019, 2021
25. Provider authorized protocols/Safety office, authorized nurses to initiate transfusion reaction workups when indicated, decrease diagnosis and delay of care for patients 2020
26. Developed Pediatric Massive Transfusion protocol, increased patient safety in emergent large blood volume transfusions, updated adult MTP at the same time 2020
27. The UF Health Invasive Placenta Management Team, increase safety (decrease morbidity and mortality) and decreased blood utilization 2020
28. Increase utilization of pathogen reduction platelet components from 0% to up to 78% of platelets transfusion, increase safety by decreasing bacterial and other pathogen transmissible infections to essentially zero in these treated components. 2020
29. Decrease in date blood wastage to benchmark goal of 2.0%, achieved Jan 2021, Sept 21 1.1% 2021
30. Review and Evaluation of Implementation of Urgent Transfusion Protocol for Emergent Treatment of Hemorrhagic Shock 2021
31. Improving the Outcomes of Mothers with Placenta Accreta Spectrum (PAS) Disorders using a Standardized Protocol 2021
32. Low Titer Group O whole blood inclusion into Adult and pediatric MTP protocols to inclusion supply to ShandsCair for prehospital transfusion as needed. 2021
33. Implementing emergency issue module: Computer automation of release of emergency blood in UF Shands Gainesville Emergency Departments. 2021
34. Pathogen reduced cryoprecipitate, use to increase storage and decrease wastage 2021
35. Adjusted liver transplant blood support component units to meet current clinical needs, decrease wastage 2021
36. Approval to initiate a comprehensive Patient Blood Management Program at UF Health 2021
37. Just-in-time consults, rounding with clinicians to provide real time consultative service, round with bone marrow transplant service, burn unit and surgical intensive care unit 2021
38. TEG interpretation guide, available TEG manager hospital wide for real-time coagulation assay test result, improve blood utilization 2021
39. Pathogen reduced cryoprecipitate, extended shelf life post thawing 2022
40. Cold stored platelets, extend shelf life platelets, used in actively bleeding patients (pending in process now awaiting FDA approval) 2023
41. Patient Blood management review. Won PCORI project funding for patient quality initiatives 2023

#### *Outpatient Service*

1. Initiated Colon Cancer Screening Program- occult blood testing, fiberoptic flexible sigmoidoscopy screening, 0.1 FTE, 72<sup>nd</sup> Medical Group, Tinker AFB OK (effects 3 precancerous polyps and one malignancy found in first year) 1994
2. Hypertension Modernization Program- increased use and compliance w/ greater patient satisfaction 1994
3. Realignment of Internal Medicine Clinic; increase in patient access; Increased empanelment 40%, relieving pressure on other overburdened primary care clinics 1995
4. Management Allergy/immunology clinic increase patient evaluations and treatment by 25% 1995
5. Upgrade cardio-pulmonary equipment- quicker evaluations led to decrease delay of care 1996
6. Initiated Hepatitis A immunization program, enhance world-wide troop deployability 1996
7. Reorganized/reinvigorated hearing conservation program, Hickam AFB, HI 2008

#### *Procedures*

1. Updated deglycerized frozen red cell technology, increased thawed RBC component shelf life from 24 hours to 14 days. Increased safety of Strategic blood supply DoD 2007
2. Chaired High performance team, obtained approval through Surgeon General Requirements Operation Capability Council, Initialed tele-pathology operation capability for anatomic pathology cases Air Force wide 2012

#### *Other*

1. Initiated first joint military service blood drive 2003

2. First ever College of American Pathologist inspection of Armed Services Whole Blood Processing Laboratory-West- accredited with zero deficiencies found 2003
3. Standardized radiation safety guideline, AF wide 2006
4. Restructured flight line air evacuation patient movements, Joint Base Pearl Harbor-Hickam, HI 2008
5. Joint Food vulnerability Assessment, Coordinated event, Joint Base Pearl Harbor Hickam, Honolulu, HI 2008
6. Standardized DoD clinical privilege list for Pathologists used Centralized Credential Quality Assurance System for documentation and eased administration issues, privileging process more efficient and timely 2012
7. Updated Clinical pathology curriculum on transfusion medicine, organization increased scores on in-service and specialty board exams 2014
8. Added Blood donor center experience to Blood bank 2<sup>nd</sup> rotation, increase senior residence transfusion medicine experience 2015
9. Instituted optional transfusion medicine rotation for 4<sup>th</sup> year medical students 2016
10. Efficient, Effectiveness and Patient Centered initiative, Chair subcommittee on blood utilization, improved blood utilization from the 98<sup>th</sup> percentile to the 51<sup>st</sup> percentile compared to other UHC/Vizient participants. This was accomplished through thorough blood utilization review, education of faculty and staff, changes in blood transport and improving guidelines. Successes highlighted in Q report Winter 2016
11. Active enrollment and institution member in the National Healthcare Safety Network. National program of hemovigilance to increase awareness of blood transfusion risks, monitoring adverse reactions and improving blood safety nationwide 2017
12. Initiated securing a Transfusion Medicine/Blood Bank fellowship program at UF COM/Department of Pathology 2018
13. Initiated red cell component and liquid plasma component on emergent helicopter ambulances, ensured early transfusion in MTP to speed care in large volume transfusion cases 2019
14. Failure Mode and Effects Analysis- hospital wide effort to evaluate transfusion process and decrease risk of wrong blood to wrong patient 2020

#### *Clinical Service*

1. Transfusion Transmission infectious testing, Air Force Audit Agency inspected, readiness and clinical benefit recognized and supported, Navy and Army Blood donor centers centralized testing to the Air Force lead blood donor center diverted from civilian testing sites, Lackland AFB, San Antonio, TX 2012
2. Developed and hired a Transfusion Safety Officer /Blood Program Manager, Blood utilization and safety improved, documentation completion improved from 30-94% in first year, corrected a JC deficiency from prior inspection 2015
3. Change in blood ordering templates for pediatric blood products, volume required not number of units, decreases risk of volume overloading this at risk population 2017
4. Consent form standardized for inpatient unit and outpatient clinic services 2016
5. Improved cross-match protocols for patient receiving daratumumab, Decreased hemolytic transfusion reaction risks 2017
6. Automated DNA extraction for genetic testing of red cell antigens, decrease workload and increased efficiency 2017
7. Identified wastage plasma within blood bank, modified inventory and component ordering from supplier, decreased wastage 15% with cost savings \$54K per year 2017
8. Urgent transfusion protocol, eased burden of over ordering massive transfusion protocol 2018
9. LifeQuest testing/consultations for blood typing solid organs for donation. Ensured compliance with UNOS requirements for solid organ transplants. Increased safety and compatibility 2018
10. Transfusion Excellence in Transfusion Gators Program; initiative to improve transfusion practices at UF Health to include anemia clinic, interaction between major clinical department, develop and offer alternatives to transfusions and improve blood component utilization 2019
11. Increased differentiation of weak RhD and partial RhD, important in patients of childbearing age to protect potential of developing Hemolytic disease of the Newborn/Infant 2019

#### *Inpatient service*

1. Haemonetics blood storage and dispensing refrigerator for the Adult ED, provide backup for emergency supply blood components and support mass casualty events 2021
2. Blood Bank Type & Screen Labeling Changes; electronic patient identification and label printing, dual verification prior to transfusion, decrease risk of wrong blood in tube and wrong component transfused Decrease WBIT rate from 0.036% to 0.001%, and rejection sample rate from 2.9% to 2.0% 2020
3. Blood products administration module, added to epic as a tab, summarizes units transfused, consults and pertinent laboratory values, consents. 2020
4. Just in time consults, and more timely written consults, decrease delay of care, especially noted in anesthesia department with letters of appreciation 2020
5. Pathogen reduction platelet transfusion products obtained, increase safety for pediatric and adult oncology and bone marrow transplant patients to decrease transfusion transmissible diseases and risk of transfusion associated graft versus host disease 2019

#### *Outpatient service*

1. Initiated Air Force Apheresis Platelet Collection Program in a deployed environment 2006  
USCENTCOM JPBO, Anaconda Base, 332<sup>nd</sup> Expeditionary Medical Wing, Balad, Iraq  
(Sharp Sabre Team Award)

### **Teaching**

#### *National/International*

1. Expanding Temperature Ranges and expiration dates: platelets and cryoprecipitate, AABB webinar eCast; 21 Jul 2021
2. Combat Transfusion Medicine, Joint Combat Management/Emergency War Surgery Course, Faculty, DoD, San Antonio TX Aug 2007, May 2008, Sep 2010; Nov 2011; Mar 2012; Jun 2012; Sep 2013, May 2014
3. Combat Transfusion Medicine, Joint Combat Management Course, Faculty, DoD, Fort Sam Houston 2006-2008

#### *Institutional*

##### *Medical Student teaching*

1. Medical Students; University of California; School of Medicine 2001-2004; Adjunct Assistant Professor
2. Medical Students; Uniformed Services University of the Health Sciences 2002-2012, Adjunct Assistant Professor
3. 2<sup>nd</sup> year Medical Student; University Florida COM, 2 hours didactics, 1-hour laboratory, Hematology Course, 2015-present
- 4.

##### *Departmental Conferences and Resident teaching*

1. Pathology Residents; Wilford Hall Medical Center; Lackland AFB; San Antonio Texas 2005-2008; 2010-2014
2. AP/CP Residents; University Florida; School of Medicine; Gainesville Florida, 2014-present; Associate Clinical Professor, Department of Pathology, Immunology and Laboratory Medicine
3. Coagulopathy in Trauma- Emergency Use vs MTP; Department of Anesthesia Critical Care Medicine Grand Rounds; UF COM, Department of Anesthesia; Division of Critical Care Medicine; Sep 2015
4. Coagulopathy in Trauma Emergency Transfusion vs MTP; ICU Teaching Seminar, recorded lecture, University of Florida College of Medicine, Department of Surgery, recorded for yearly training May 2017
5. ABOi Heart Transplants, Department of Pathology, Immunology and Laboratory Medicine Grand Rounds; UF COM, Department of Pathology Jun 2019
6. General Blood Banking: An Overview for Internal Medicine Residents, Internal Medicine Resident Noon Conference, UF COM, Department of Internal Medicine Nov 2019, Mar 2021, Feb 2022, Feb 2023
7. Component therapy overview; Department of Surgery, Critical Care medicine Grand Rounds; Oct 2020

##### *Divisional Conferences and Fellow teaching*

1. Non-Infectious Transfusion Reactions, Lecture to Hematology Education Rounds for Fellows at SAUSHEC, Invited Speaker, San Antonio, TX Oct 2005
2. The Use of Thrombo-elastography in Combat Trauma Care, Hematology Education Fellows' Rounds, SAUSHEC Jan 2007
3. Bleeding and the Uremic Patient; Lecture for Hematology Education Fellows' Rounds, SAUSHEC, San Antonio, TX Aug 2007
4. Transfusion medicine rotation; 5 adult and pediatric hematology /oncology fellows participated in separate rotation experiences each year 2014- present
5. Maternal Fetal Medicine and Blood Banking -an Overview; Maternal-Fetal Medicine Conference; UF COM, Division of Maternal Fetal Medicine Apr 2015
6. Pediatric Hematology/Oncology and Blood Bank – An Introductory Overview; Hem /Onc Fellow Teaching Conference; UF COM, Division of Pediatric Hematology/Oncology Aug 2015
7. Post-Partum Hemorrhage and Management of Massive Bleed- Emergency Use vs MTP; Morbidity and Mortality Rounds Anesthesia; UF COM, Department of Anesthesia, Division of Obstetric Anesthesia Oct 2015
8. Transfusion reactions; Hematology/Oncology Clinical Rounds & Teaching Conference; University of Florida College of Medicine, Division of Internal Medicine- Hematology/Oncology; Dec 2015, May 2019; Mar 20
9. Transfusion reactions, Part II; Hematology/Oncology Clinical Rounds & Teaching Conference; University of Florida College of Medicine, Division of Internal Medicine- Hematology/Oncology Feb 2016, Jun 2019
10. Management of Bleeding in an Uremic Patient; Hematology/Oncology Clinical Rounds & Teaching Conference; University of Florida College of Medicine, Division of Internal Medicine- Hematology/Oncology Jun 2016, May 2017
11. Pediatric Hematology/Oncology and Blood Bank – An Introductory Overview; Hem /Onc Fellow Teaching Conference; University of Florida College of Medicine, Division of Pediatric Hematology/Oncology; Aug 2016, Jul 2017, Oct 2018, Aug 2019, Sep 2020
12. Neonatology Blood Components and Transfusion Reaction: An Overview; Neonatology Division Meeting; UF COM, Department of Pediatrics; Division of Neonatology Sept 2016
13. Type and screening lecture and practicum, Adult Hematology/Oncology Wet Laboratory, University of Florida, Department on Medicine, Hematology Division May 2017
14. Adult Hematology/Oncology and Blood Bank – An Introductory Overview; Hem /Onc Fellow Teaching Conference; UF COM, Department of Internal Medicine, Division of Hematology/Oncology Aug 2017, Aug 2018, Jul 2019, Oct 2020, Oct 2021
15. Non-surgical management of Post-Partum Hemorrhage, Maternal Fetal Medicine Fellows' Conference, UF COM, Department of Obstetrics/Gynecology, Maternal Fetal Medicine Division Mar 2018
16. Pathogen Reduction and Blood Components, Hem /Onc Fellow Teaching Conference; University of Florida College of Medicine, Division of Pediatric Hematology/Oncology; Apr 2020

#### *College of Medicine Conferences and Teaching- None*

#### *Other Teaching and Lecturing Activities*

1. Introduction to Pathology, High School CRNA vocational class, Schertz High School, Schertz TX 1999,2000
2. Viruses and Association with Transfusion Medicine, Lecture to Yale Medical Technologist, Continuing Medical Education Seminar for Yale Medical Technologists, New Haven CT May 2005
3. Platelet Apheresis in Theater, Lecture for Professional Staff Meeting, BALAD AB, Iraq Aug 2006
4. Introduction to Blood Bank, 6 lecture series, Physician assistance 2015

#### *Formal Mentorship*

##### *Residents*

1. Andrea Duque, UF Health, Resident, mentored on multiple research projects and future career opportunities, competed fellowship in transfusion medicine at Shands Jacksonville, is board certified and is now an Assistant professor at University Miami Hospital 2015
2. James Sikora, UF HEALTH, Resident, mentored on research project and future career opportunities/ acquired fellowship training at university of Alabama and board certification and is currently an Assistant Professor and Medical Director Transfusion Services at Grady Health System in Atlanta Georgia 2017

- Gregory M Olson, UF Health, Resident mentored on research project and future career opportunities, completed fellowship in transfusion medicine at Yale in 2021 and is board certified. He is an Assistant Professor at UF Health

#### *Post-Doctoral Fellows*

#### *Students*

#### *Other Formal Mentorship activities*

- Dr. Faisal Mukhtar, Associate Clinical Professor, Associate Medical Director Transfusion service, UF Health, mentoring; providing research and clinical guidance. 2015-
- Dr Gregory M Olsen, Assistant Clinical Professor, Associate Medical Director HLA laboratory, UF Health, mentoring; providing research and clinical guidance. 2021-
- Dr Maximo J Marin, Assistant Clinical Professor, Associate Medical Director Core Laboratory, UF Health, mentoring; providing research and clinical guidance 2021-

## **Committee, Organizational & Volunteer Services**

### *National*

- Alliance for a Strong Blood Supply 2021
- Department of Defense Laboratory Network, Member 2010-2014
- Health Professions Education Requirements Board, AF representative to DoD 2010-2014
- Laboratory Joint Working Group, Co-Chairman and AF Pathology Consultant 2010-2014
- Society of Armed Forces Medical Laboratory Sciences, Board of Directors Voting mbr 2010-2014
- Clinical Laboratory Standards Institute, Voting member 2007-2014
- Center for Clinical Laboratory Medicine, Air Force Pathology Consultant 2011-2014
- HHS Advisory Committee for Blood Safety and Tissue Availability, DoD Representative 2012-2014
  - Standardized transfusion transmissible infection protocols 2012
  - Disaster Preparedness protocols 2013
  - Augment national blood supply initiatives 2014

### *Institutional*

- Diabetics Committee, Officer in Charge, 72nd Medical Group 1994-1997
- Pharmacy and Therapeutics Functional Review Board, mbr, 72nd Medical Group 1994-1997
- Disaster Preparedness committee
  - Emergency Response Sub-Committee, mbr, 72nd Medical Group 1994-1997
- Blood Utilization Review Board, Chairman, 72nd Medical Group 1994-1997
- Infection Control Committee, mbr, 72nd Medical Group 1994-1997
- Drug Utilization and Evaluation Committee, Chairperson, 72nd Medical Group 1994-1997
- Emergency Medical Response Team, triage team mbr, 72nd Medical Group 1995-1997
- Desert Storm Medical Evaluations Program, Officer in Charge, 72nd Medical Group 1995-1997
- Tissue and Transfusion Committee, Chairman, David-Grant Medical Center 2001-2004
- 60th Medical Group Exercise Evaluation Team, Deputy Chief, David-Grant Medical Ctr 2001-2004
- 60th Air Mobility Wing Exercise Evaluation Team, mbr, Travis Air Force Base 2003-2004
- Blood Utilization Committee, co-Chairman, Wilford Hall Medical Center, SAMMC 2005-2008
- Pharmacy and Therapeutic Committee, co-Chairman, Wilford Hall Medical Center 2005-2008
- Center for Clinical Laboratory Medicine, Air Force Pathology Consultant 2011-2014
- Risk Management Committee, Chairman, Wilford Hall Medical Center 2010-2012
- Trauma Quality Committee, Blood Bank Liaison, UF Health 2014-2020
- Blood Utilization Committee, co-Chairman, UF Health 2014-Present
- Intensive Care Unit Quality Improvement Committee, mbr, UF Health 2014-Present
- Extracorporeal Mechanical Oxygenation Quality Improvement Committee, mbr, UF 2016-Present
- Efficient, Effectiveness and Patient Centered initiative, Chair subcommittee on blood utilization 2016-
- Clinical Competency Committee 2018-
- Pediatric Trauma Quality Improvement Program/Committee, member, UF Health 2019-Present

### *Volunteer (Community)*

- Blood donor >10 gallons whole blood, 6 apheresis platelet units, 2 gallons in last 10 years 1980- present
- Oklahoma City bombing- provided medical support and evaluations to victims,

provided debriefing support to rescuers	Apr 1995
3. International High school student exchange program, provided sponsorship to 2 students in 2 different years	1995, 1996
4. Rabies Advisory/Control Committee, military representative, Oklahoma City OK	1994-1997
5. Religious Education Leader, High school students	1996-1997
6. Viking Challenge Relay Race Team, organizer, and volunteer medic raised funds for Fisher House	2003
7. Founding member of Children & Youth Support Network- provide support and knowledge base for foster and adoptive families	2004
8. Knights of Columbus, Past Grand Knight	2005-present
a. Donated wheelchairs to disabled individuals	
b. Built ramps for home access for wheelchair bound individual	
c. Habitat for humanity community service	
d. Fund raisers for college scholarships	
e. Provided daylong childcare for holiday shoppers	
f. Outreach Shelter – Food Bank and clothing	
i. unloaded trucks restock food bank	
ii. distributed food during social distancing	
9. Organized and Team leader of Adoration Community Theology and Service retreat	2006, 2011
10. St Madeleine Catholic Church Parish council member	2016-present
a. Chair Capital Campaign - raised over \$300K for founding the Sante Fe Our Lady de Leche Shrine	2017
11. Specialist in Blood Bank (Medical technology Master's program) Advisory Community for LifeSouth Program	2021

#### Professional Organizations (Major affiliations)

American Association of Blood Banks	2005
Transfusion medicine committee	
Subsection Clinical Hemotherapy, Pediatrics, Transfusion Safety, mbr	2019
Subsection Patient Management member	2019

#### Consulting Positions & Pharmaceutical Advisory Boards

None

#### Visiting Professorships, Seminars, and Extramural Invited Presentations

1. Persian Gulf Illness Evaluations and Outcomes, Regional Gulf War Illness Seminar Veterans Foreign War, Austin TX	Feb 1997
2. Unusual Presentation of Desmoplastic Small Round Cell Tumor, San Antonio Society of Pathologists, San Antonio TX	May 1999
3. The Use of Thrombo-elastography in Combat Trauma Care, Semi-Annual Staff Luncheon at Methodist Hospital, San Antonio TX,	Nov 2006
4. Air Force Medical Service Agency/Surgeon General (AFMSA/SG9) Planning session blood services readiness, Washington DC	2012

#### CME Courses Organized and Directed

1. Platelet Collection and the Need in Theater; AABB Annual Meeting; Miami Beach FL	Oct 2006
2. Blood Collection in a Theater Operation; 10th Annual FDA and the Changing Paradigm for Blood Regulation; San Antonio TX	Jan 2007
3. Transfusion Medicine in a Combat Environment: Experiences from the Field; 6th Congress of Medical Technology; Ponce PR	Apr 2007
4. Warm Whole Blood and Component Therapy for Massive Transfusions; 199th Joint Combat Trauma Management Course; Fort Sam Houston Texas, San Antonio	Jul 2007
5. Virus in Blood Products; Lecture at Annual Texas Society of Medical Technologists, Austin TX	Apr 2008
6. Combat Transfusion Medicine; Moderator and Speaker; AABB Annual Meeting; Montreal, Quebec Canada	Oct 2008

7. Whole Blood Processing Methods to Increase Availability Coagulation Efficacy and Product Safety; Moderator; Advanced Technology Applications for Combat Casualty Care (ATACCC); Fort Lauderdale FL  
Aug 2011
8. Apheresis Collection in Austere Environments, Tri-Service Blood Program QA Symposium  
Southbridge MA  
Apr 2013
9. Disaster Planning; Moderator and Speaker; South Central Association of Blood Banks; Fort Worth Texas  
Apr 2014
10. Coagulopathy in Trauma- Emergency Use vs MTP; Department of Anesthesia Critical Care Medicine  
Grand Rounds; UF COM, Department of Anesthesia; Division of Critical Care Medicine; Sep 2015
11. Best Practices in Massive Emergent Transfusion; LifeSouth Lunch and Learn; Saint Augustine, FL  
Jul 2017
12. Blood Banking Experiences in ABOi Solid Organ Transplants, South Central Association of Blood Banks  
(SCABB) Regional Symposium, Orlando, FL  
Feb 2018
13. ABOi Heart Transplants, Department of Pathology, Immunology and Laboratory Medicine Grand Rounds;  
Moderator and Presenter, UF COM, Department of Pathology  
Jun 2019
14. Component therapy overview; Department of Surgery, Critical Care Medicine Grand Rounds, UFCOM,  
Department of Surgery, Division of Critical Care  
Oct 2020
15. Expanding Temperature Ranges and Expiration Dates: Platelets and Cryo; AABB multinational webinar  
Jul 2021

### Interviews, Internet appearances, Panel Discussions, Media Events

1. Interview for local network news for blood donations for military support, Fairfield CA  
2002
2. Back in the Classroom, The Post <https://post.health.ufl.edu/2014/12/03/back-in-the-classroom/>  
11/2014
3. Blood Bank welcomes director, News & Notes, vol 10 (6) pg 13; <https://news-notes.ufhealth.org/2014/12/15/blood-bank-welcomes-director/>  
1/2015
4. We Our Veterans, News & Notes; vol 11 (5) pg 5-10; <https://news-notes.ufhealth.org/2015/11/06/thanking-those-who-have-served/>  
11/2015
5. EEPCC team spotlight, The Q report. <https://qreport.health.ufl.edu/2016/12/23/1984/>  
2016
6. First in nation to enroll a patient in the C3PO COVID-19 convalescent plasma study,  
<https://ufhealth.org/news/2020/uf-health-enrolls-first-patients-national-covid-19-study-convalescent-blood-plasma>  
2020
7. Patient Blood Management week comment for AABB twitter site at: [AABB on Twitter: "Patient blood management helps improve patient outcomes and extend the blood supply. https://t.co/JdsIVX9LTf #PBMAW2021 https://t.co/5Rj999cwj6" / Twitter](https://twitter.com/AABB/status/1414812708354783395)  
2021
8. TEG interpretation guide, available TEG manager hospital wide for real-time coagulation assay test result, improve blood utilization <https://imsva91-ctp.trendmicro.com:443/wis/clicktime/v1/query?url=https%3a%2f%2ftwitter.com%2fUFHealth%2fstatus%2f1481270835478339586&umid=D7C51702-D566-0105-852D-687560C81490&auth=5ab06289d9c3b14f9a77f69d29e7a25870e86301-8ea327cfed52385fcd875b7358af9efdb641c0> or <https://imsva91-ctp.trendmicro.com:443/wis/clicktime/v1/query?url=https%3a%2f%2fwww.facebook.com%2fUFHealth%2fposts%2f10158195511157155&umid=D7C51702-D566-0105-852D-687560C81490&auth=5ab06289d9c3b14f9a77f69d29e7a25870e86301-bd586bb7edba8c5fb9801e0e535e5ed6767f2af4>  
2021
9. Interview for the Long Haul website, Pathologist Interview/Physician Interview <https://theelonghaul.com/>  
<https://youtu.be/abMnVkbzmuA>  
2022
10. Interview Newspaper about what happens to blood units after they are collected. [Blood donation entails more than needles | Health | mainstreetdailynews.com](https://www.mainstreetdailynews.com)  
2022
- 11.

**Creative Works, Social Media or Internet Projects not included elsewhere**



1. Mukhtar F, Pelletier JPR; Transfusion Reactions: Acute hemolytic Transfusion Reactions, Pathology outlines <https://www.pathologyoutlines.com/topic/transfusionmedacutehemolytic.html> May 2019, Oct 2020
- 2.

## Bibliography

ORCID ID: [0000-0002-2320-3180](https://orcid.org/0000-0002-2320-3180)

### Peer Reviewed publications

1. Okorodudu, A.O, **Pelletier, J.P.R.**, Valcour, AA, Bowers, GN, Jr, McComb, RB; *Evaluation of the IFCC Reference Method of Alanine Aminotransferase: Spurious Blank ALT Activity due to Contamination of D-Alanine with L-Alanine and Recommendations for Correction*. Clinical Chemistry, 1989 Jan 35(1):153-156.
2. Koroscil, TM, **Pelletier, J.P.R.**, Slauson, JW, Hennessey, J.; *Short-term Effects of Coronary Angiographic Contrast Agents on Thyroid Function*. Endocrinology Practices 1997. 3(4): 219-221. ( 235 citations 2020)
3. **Pelletier, J.P.R.**, Plumbley, JA, Rouse, EA, Cina, SJ. ; *The Role of Clostridium Septicum in Paraneoplastic Sepsis*. Archives of Pathology and Laboratory Medicine 2000.124(3):353-356.
4. Smith ME, **Pelletier, J.P.R.**, Daniels, R.; *Pathology Quiz case: Intra-abdominal desmoplastic small round cell tumor*. Archives of Pathology and Laboratory Medicine, 124(12):1838-40, 2000 Dec.
5. **Pelletier, J.P.R.**, Transue, S, Snyder, EL; *Pathogen Inactivation Techniques*, Best Practice Research Clinical Haematology, 19(1) : 205-42, 2006 Review  
<https://www.sciencedirect.com/science/article/pii/S1521692605000745?via%3Dihub>
6. Jonhan Ho, MD; Orly Aridor; MSc; David W. Glinski, BSc; Chris Saylor, BSc; **Joseph P. Pelletier, MD**; Dale M. Selby, MD; Steven W. Davis, MD; Nicholas Lancia, MD; Christopher B. Gerlach, MD; Jonathan Newberry, MD; Leslie Anthony, MA; Liron Pantanowitz, MD; Anil V. Parwani, PhD, MD; *Needs and Workflow assessment prior to implementation of a digital infrastructure for the US Air Force Medical Service*, Journal of Pathology Informatics 2013;4:32, doi: 10.4103/2153-3539.122388, <http://www.jpathinformatics.org/article.asp?issn=2153-3539;year=2013;volume=4;issue=1;spage=32;epage=32;aulast=Ho>
7. Gangopadhyay S, Rampersaud H, **Pelletier JPR**, Herman L, Goldstein S, Upadhyay K. *Cytomegalovirus transmission in pediatric renal transplant recipients during the window period*. Pediatric Transplantation, 2016 Feb, 20 (1): 172–177. DOI: 10.1111/petr.12654  
<https://onlinelibrary.wiley.com/doi/full/10.1111/petr.12654>
8. Biegel JL, Tebas P, Elie-Turenne MC, et al., *Immune plasma for the treatment of severe influenza: an open label, multicenter, phase 2 randomized study*. Lancet Resp Med. 2017 Jun; 5(6):500-11. doi 10.1016/S2213-2600(17)30174-1 Epub 2017 May 15  
<https://www.sciencedirect.com/science/article/pii/S2213260017301741?via%3Dihub>
9. Dunbar NM, Yazer MH on behalf of the BEST Collaborative and the STAT study investigators: Carey PM, Christie JD, Fadeyi EA, Fontaine MJ, George MR, Harm SK, Hess JR, Karp JK, Koepsell SA, Kwan L, Liles DK, Murphy MF, Mukhtar F, Novak DJ, Pagano MB, Khan-Parker LA, Passwater ME, **Pelletier JPR**, Staves J, Stubbs JR, Weinstein R, Williams III LA, Ziman A., *Safety of the use of group A plasma in trauma: the STAT study*. Transfusion; 2017 Aug; 57(8):1879-84 doi:10.1111/trf.14139 (2018 RISE award for most impactful manuscript in Transfusion in 2017)  
<https://onlinelibrary.wiley.com/doi/full/10.1111/trf.14139>
10. Zeller MP, Barty R, Aandahl A, and the **Biomedical Excellence for Safer Transfusions (BEST) collaborative**, *An international investigation into O red blood cell unit administration in hospitals: the Group O Utilization Patterns (GROUP) study*. Transfusion 2017 Oct; 57(10): 2329-37.  
<https://onlinelibrary.wiley.com/doi/full/10.1111/trf.14255>
11. Sikora J, Gregory J, George A, Clayton S, Zou B, Robinson M, Mukhtar F, and **Pelletier JP**, *Soluble antigens in plasma allow mismatched transfusion without hemolysis*. Transfusion 2018 Apr; 58(4): 1006-1011, <https://onlinelibrary.wiley.com/doi/full/10.1111/trf.14510> . Epub 2018 Feb 1.
12. Tyler J. Loftus, MD, Alexandra N. Lopez, BA, Thomas K. Jenkins, BS, Edward M. Downey, MBA, James R. Sikora, MD, MPH, **J. Peter R. Pelletier, MD**, Ivan R. Zendejas, MD, George A. Sarosi, MD and Ryan M. Thomas, MD, *Packed red blood cell donor age affects overall survival in transfused patients undergoing hepatectomy for non-hepatocellular malignancy*. The American Journal of Surgery 2019 Jan;

- 217(1):71-77, <https://www.sciencedirect.com/science/article/pii/S0002961018308389?via%3Dihub> . Epub 2018 Aug 27
13. Athira Unnikrishnan, **J Peter R Pelletier**, Shahla Bari, Marc Zumberg, Abbas Shahmohamadi, Bruce D Spiess, Mary Jane Michael, Neil Harris, Danielle Harrell, Molly W Mandernach, *Anti-N and Anti-Do<sup>a</sup> IgG alloantibody mediated delayed hemolytic transfusion reaction with hyperhemolysis in sickle cell disease treated with Eculizumab and HBOC-201 (Hemopure®): case report and review of the literature.* Transfusion 2019;59 (6):1907-10; epub Feb 2019; <https://onlinelibrary.wiley.com/doi/full/10.1111/trf.15198>
  14. Andrew W. Shih, Claudia S. Cohn, Meghan Delaney, Magali J. Fontaine, Isabella Martin, Nancy M. Dunbar, 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: 59(7); 2292-2300, <https://onlinelibrary.wiley.com/doi/full/10.1111/trf.15317>
  15. John H Beigel, Evgenia Aga, Marie-Carmelle Elie-Turenne, Josalyn Cho, Pablo Tebas, Carol L Clark, Jordan P Metcalf, Caroline Ozment, Kanakatte Raviprakash, Joy Beeler, H Preston Holley Jr, Stephanie Warner, Carla Chorley, H Clifford Lane, Michael D Hughes, Richard T Davey Jr, **on behalf of the IRC005 Study Team**, *Anti-influenza immune plasma for the treatment of patients with severe influenza A: a randomised, double-blind, phase 3 trial.* Lancet Respir Med 7 (11) November 2019, Pages 941-950; 2019 Published Online September 30, 2019 [https://doi.org/10.1016/S2213-2600\(19\)30199-7](https://doi.org/10.1016/S2213-2600(19)30199-7)
  16. Philip C. Spinella, MD; Marisa Tucci, MD; Dean A. Fergusson, PhD, MHA; Jacques Lacroix, MD; Paul C. Hebert, MD, MHSC; Stephane Lefebvre, MD; Kenneth B. Schechtman, PhD; Allan Doctor, MD; Robert A. Berg, MD; Tina Bockelmann; J. Jaime Caro, MD; Fabrizio Chiusolo, MD; Lucy Clayton, MSc; Jill M. Cholette, MD; Gonzalo Garcia Guerra, MD, MSc; Cassandra D. Josephson, MD; Kusum Menon, MD, MSc; Jennifer A. Muszynski, MD; Marianne E. Nellis, MD; Amrita Sarpal, MD; Stephanie Schafer; Marie E. Steiner, MD; Alexis F. Turgeon, MD, MSc; **for the ABC-PICU Investigators**, the Canadian Critical Care Trials Group, the Pediatric Acute Lung Injury and Sepsis Investigators Network, the BloodNet Pediatric Critical Care Blood Research Network, and the Groupe Francophone de Reanimation et Urgences Pédiatriques, *Effect of Fresh vs Standard-issue Red Blood Cell Transfusions on Multiple Organ Dysfunction Syndrome in Critically Ill Pediatric Patients: A Randomized Clinical Trial.* JAMA. December 10, 2019;322(22):2179-2190. <https://jamanetwork.com/journals/jama/fullarticle/2757226>
  17. Elif E. Gultekin-Elbir, **J. Peter R. Pelletier**, Kendra R. Sylvester-Armstrong, Mehmet R Genc; *Is thromboelastography reliable in postpartum coagulopathies? Two case reports and a literature review.* Case Reports in Perinatal Medicine. 2020; 9(1) 20190058. <https://www.degruyter.com/view/j/crpm.2020.9.issue-1/crpm-2019-0058/crpm-2019-0058.xml>
  18. Desiree S Machado, Cynthia Garvan, Joseph Philip, Donald Harrington, Bruce Spiess, Brian Kelly, Christopher Campbell, **J Peter R Pelletier**, Saleem Islam, Giles J Peek, Mark S Bleiweis, *Bivalirudin may reduce the need for red blood cell transfusion in pediatric cardiac patients on ECMO*, American Society for Artificial Internal Organs Journal. ASAIO J 2021 67(6). 688-696 <https://www.ncbi.nlm.nih.gov/pubmed/33031157>
  19. Gregory Olsen, Michael Passwater, Monique Huggins, Faisal Mukhtar, **Peter Pelletier**. *Evaluation of A plasma for incompatible patients.* Transfusion First published: 21 November 2020 Transfusion 61(2) Feb 2021 375-78 <https://doi.org/10.1111/trf.16170>
  20. Sappenfield JW, White JD, **Pelletier JPR**, Loftus TJ, Mukhtar F, Vasilopoulos T, Bengali S, Gravenstein N, Keidan I. *Effects of a Single Rapid Infusion System on Platelet Function in Stored Whole Blood: An Ex Vivo Study.* Cureus 13(7): e16518. doi:10.7759/cureus.16518. 20 July 2021
  21. Isabella W. Martin, Claudia S. Cohn, Meghan Delaney, Magali J. Fontaine, Andrew W. Shih, Nancy M. Dunbar and the **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; 61(8). 2414-2420; <https://www.ncbi.nlm.nih.gov/pubmed/34181247>, PMID: 34181247 DOI: 10.1111/trf.16545
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- 2021, at NEJM.org. DOI: 10.1056/NEJMoa2103784. \*Supplementary Appendix. Role: Site Principal Investigator, SIREN. NEJM 2021. 385(21). 1951-1960
23. Neil S. Harris, **J. Peter Pelletier**, Maximo J. Marin, William E. Winter. *von Willebrand Factor and Disease: A Review for Laboratory Professionals*. Crit Rev Clin Lab Sci 2021 Dec 28;1-16. doi:10.1080/10408363.2021.2014781
  24. Kendra Sylvester-Armstrong, Callie Reeder, Kathryn Patrick, Mehmet R. Genc and **PAS Team**. *Improved management of placenta accreta spectrum disorders: experience from a single institution*. J Perinatal Medicine. Dec 2021 <https://doi.org/10.1515/jpm-2021-0263>
  25. Reeder CF, Sylvester-Armstrong KR, Silva LM, Wert EM, Smulian JC, Genc MR and **PAS TEAM**. *Outcomes of pregnancies at high-risk for placenta accreta spectrum following negative diagnostic imaging*. J Perinat Med. 2022 Feb 25. <https://doi.org/10.1515/jpm-2021-0591> Online ahead of print. PMID 35218171
  26. Michael Passwater, Y. Monique Huggins, Elaine D. Delvo Favre, Faisal Mukhtar, **J. Peter R. Pelletier**. *Adding Automation and Independent Dual Verification to Reduce Wrong Blood in Tube (WBIT) Events*. Am J Clin Pathol, August 2022; 158:212-15. PMID: 35304892 [HTTPS://DOI.ORG/10.1093/ajcp/aqac031](https://doi.org/10.1093/ajcp/aqac031)
  27. Richard R. Gammon, Nour Al-Mozain, Moises Auron, Christopher Bocquet, Sam Clem, Gaurav K. Gupta, Lisa Hensch, Norma Klein, Nicole C. Lea, Saikat Mandal, **Peter Pelletier**, Ashraf Resheidat, Joseph (Yossi) Schwartz. *Transfusion therapy of neonatal and paediatric patients: They are not just little adults*. Transfusion Review. Transfusion Medicine. published: 7 Oct 22; 2022; 32: 448-459. <https://doi.org/10.1111/tme.12921>
  28. Saikat Mandal, Debra L. Smith, **Pelletier J Peter**, Vernon Louw, Manideepa Maji, Ismaila, N. Ibrahim Suhashini Sil, Shoily Nath. *Perioperative Anemia Management*, Annals of Blood, 2023; 8:30 pp1-17 Received: 17 November 2022; Accepted: 05 June 2023; Published online: 26 June 2023. doi: 10.21037/aob-22-42
  29. View this article at: <https://dx.doi.org/10.21037/aob-22-42> Marin MJ, Mathew CM, Rajasekhar A, Zumberg M, Euliano TY, Winter WE, Pelletier JPR, Pruitt HD, Harris NS. *Dysfibrinogenemia: discrepant results following infusion of purified fibrinogen*. Blood Coagul Fibrinolysis. 2023 Jul 1;34(5):337-344. doi: 10.1097/MBC.0000000000001237. Epub 2023 Jun 19. PMID: 37395199.
  30. Shahla Bari, Marina Rabinovich, David Goese, Jameel Muzaffar, **J Peter R Pelletier**, Anita Rajasekhar. *Use of hemoglobin-based oxygen carrier HBOC-201 (Hemopure®) as a bridge during emergencies in patients unable to receive blood products: experience at a tertiary care center*. Transfusion (manuscript submitted pending acceptance)
  31. Bruce D. Spiess, Melissa Burger, Mary Jane Michael, Stephanie Gore, Cynthia Garvan, Vyshakh Shibu, Sherri Flax, **J. Peter R. Pelletier**, Marc Zumberg, Thomas Beaver. *Point-of-Care Coagulation Testing Technologies to Improve Patient Blood Management in Cardiac Surgery: A Quality Improvement Project*. Journal of Cardiothoracic and Vascular Anesthesia (manuscript submitted pending acceptance)
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#### Non-Peer-Reviewed Publications

1. **Pelletier JP**, Fadare O, Wu Y; *Post-Renal Transplant Thrombotic Thrombocytopenic Purpura (TTP): Attributable to Immunosuppression or Graft Rejection? Report of Three Cases and Literature Review*, Defense Technical Information Center, Jan 2005 [https://www.researchgate.net/publication/277742924\\_Post-Renal\\_Transplant\\_Thrombotic\\_Thrombocytopenic\\_Purpura\\_TTP\\_Attributable\\_to\\_Immunosuppression\\_or\\_Graft\\_Rejection\\_Report\\_of\\_Three\\_Cases\\_and\\_Literature\\_Review](https://www.researchgate.net/publication/277742924_Post-Renal_Transplant_Thrombotic_Thrombocytopenic_Purpura_TTP_Attributable_to_Immunosuppression_or_Graft_Rejection_Report_of_Three_Cases_and_Literature_Review)
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#### Books

##### Chapters in Books

1. **Pelletier, Joseph P.R.**, Tormey Christopher A.; Chapter 25: *Pathogen Reduction Techniques*, In: Mintz P.D. editor. Transfusion Therapy: Clinical Principles and Practice, 3<sup>rd</sup> ed. Maryland. AABB; 2010. p. 721-756.
2. **Pelletier, JPR**; Chapter 8: *Infectious Complications of Transfusion of Blood Components*, In: Maitta RW editor. Clinical Principles of Transfusion Medicine; Missouri, Elsevier; 2018. p. 85-92.
3. Mukhtar F, **Pelletier, JPR**; Chapter 9: *Transfusion Support in Emergencies*, In: Maitta RW editor. Clinical Principles of Transfusion Medicine; Missouri, Elsevier; 2018. p. 93-102.

4. Mukhtar F, **Pelletier, JPR**; Chapter 16: *Passive monoclonal and polyclonal antibody therapies*, In: Maitta RW editor. *Immunologic Concepts in Transfusion Medicine* 1<sup>st</sup> edition; ISBN: 9780323675093, Missouri, Elsevier; 2020. p. 251-348.
5. Winter, William E, **Pelletier, J Peter R**, Harris, Neil S, Chapter 34: *Carbohydrate Disorders*, In: Clarke and Marzinke editor. *Contemporary Practice in Clinical Chemistry*, 4th Edition; Missouri, Elsevier: 2020. p 587- 610.
6. Winter, William E, **Pelletier, J Peter R**, Harris, Neil S, Chapter 45: *Calcium Biology and Disorders*, In: Clarke and Marzinke editor. *Contemporary Practice in Clinical Chemistry*, 4th Edition; Missouri, Elsevier: 2020. p 791 - 820.
7. Wen Lu, **J. Peter R. Pelletier**, Kathleen Puca, Glenn Ramsey, NurJehan Quraishy, Chapter 6; Post-transfusion purpura, In Wen Lu editor. *AABB Guide to the Laboratory Evaluation of Transfusion Reactions*; AABB Publication 2021. pg 33
8. Wen Lu, **J. Peter R. Pelletier**, Kathleen Puca, Glenn Ramsey, NurJehan Quraishy, Chapter 7; Iron Overload, In Wen Lu editor. *AABB Guide to the Laboratory Evaluation of Transfusion Reactions*; AABB Publication 2021. pg 34-35

#### Abstracts

1. Okorodudu, A.O, **Pelletier, J.P.R.**, Valcour, AA, Bowers, GN, Jr, McComb, RB. *The National Reference System for Aspartate Aminotransferase (NRS/AST): The Use of the International Federation of Clinical Chemistry (IFCC) Reference Method and NBS/RM 8430 for the Unification of Daily AST Results as Determined on Three Analyzers*. *Clinical Chemistry*. 1987.33(6):993
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#### Oral Presentations

##### National/International Meetings

1. Koneki, Elizabeth, **Pelletier JPR**, *Dimethyl Sulfoxide Does not inhibit bacterial growth in Peripheral Blood Stem Cell Processing*, AABB Annual Meeting; Anaheim CA  
<https://onlinelibrary.wiley.com/doi/epdf/10.1111/j.1537-2995.2007.01507.1.x> Oct 2007
2. Ruffing, Nora K, Polito, Anthony B., **Pelletier, J Peter R**; *Frequency of High Titer Anti-A and/or Anti-B in Plateletpheresis Units*. *Transfusion*, Scientific Section. 2011; 51:1A-236A. AABB Annual Meeting, San Diego, CA <https://onlinelibrary.wiley.com/toc/15372995/2011/51/s3> Oct 2011
3. Maj Nicholas Lancia, MD; **Col Joseph P. Pelletier, MD**; Col Dale M. Selby, MD; Maj Emily Green, MD; Capt Kyle Rickard, MD; Jonhan Ho, MD; Anil V. Parwani, PhD, MD *Introduction of Whole Slide Imaging (WSI) to Air Force Medical Service (AFMS) Pathology Practice: Design and Implementation of a Model Digital Pathology Network*; AMSUS, Seattle, WA Nov 2013
4. 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, on behalf of the Biomedical Excellence for Safer Transfusion Collaborative; *Safety of the Use of Thawed Group A Plasma in Trauma*. Scientific P2-030A AABB Annual Meeting Plenary Session Presentation and Transfusion Supplement S4 vol 56. 2016 Orlando FL <https://onlinelibrary.wiley.com/doi/10.1111/trf.13807> Oct 2016
5. NM Dunbar, PM Carey, EA Fadeyi, M Fontaine, MR George, SK Harm, JK Karp, SA Koepsell, L Kwan, DJ Novak, MB Pagano, M Passwater, **JP Pelletier**, R Weinstein, A Ziman, MH Yazer. *Massive Transfusion in Cardiac Surgery: The Impact of Blood Component Ratios on Clinical Outcomes and Survival*. AABB 2016 Oral Abstract Presentation First published: 19 September 2016  
<https://doi.org/10.1111/trf.13847> Annual Meeting, Orlando FL Oct 2016
6. Nancy Dunbar, Maayan Shiner, Kathleen Selleng, Julie Staves, Mike Murphy, MD, FRCP, FRCPPath, FFPPath, Mark H Yazer and **Biomedical Excellence for Safer Transfusion (BEST) Collaborative**, *Reduction in O neg RBC Utilization with Age-Based Switching for Routine Transfusions*. AABB Annual Meeting, Plenary session, San Diego CA <https://onlinelibrary.wiley.com/doi/10.1111/trf.14286> Oct 2017
7. Dunbar NM, Cohn C, Fontaine M, Martin I, Shih AW, Delaney M, **SCaRED Study Investigators**, on behalf of the Biomedical Excellence for Safer Transfusion (BEST) Collaborative: *Improving the Sensitivity of Blood Product Culture to Detect Septic Transfusion Reactions in Neonatal and Pediatric Patients*. AABB Annual Meeting TS5-SN5-35; *Transfusion* vol 58, S2. Boston, MA  
<https://onlinelibrary.wiley.com/doi/epdf/10.1111/trf.14903> Oct 2018
8. Dunbar NM, Cohn C, Fontaine M, Martin I, Shih AW, Delaney M, **SCaRED Study Investigators**, on behalf of the Biomedical Excellence for Safer Transfusion (BEST) Collaborative: *Improving the Sensitivity of Blood Product Culture to Detect Septic Transfusion Reactions in Adult Patients*. AABB Annual Meeting

- TS3-MN3-22; Transfusion vol 58, S2. Boston, MA  
<https://onlinelibrary.wiley.com/doi/epdf/10.1111/trf.14903> Oct 2018
9. Shih AW, Delaney N, Dunbar NM, Fontaine M, Martin I, Cohn C, **SCaRED Investigators**, on behalf of the Biomedical Excellence for Safer Transfusion (BEST) Collaborative: *Marked Variation in Culturing for Septic Transfusion Reactions: Opportunity for Practice Standardization*. AABB Annual Meeting, TS22-MN3-22; Transfusion vol. 58, S2. Boston, MA <https://onlinelibrary.wiley.com/doi/epdf/10.1111/trf.14903> Oct 2018
  10. Martin IW, Cohn C, Delaney M, Dunbar DM, Fontaine M, Shih AW, **SCaRED Study Investigators**, on behalf of the Biomedical Excellence for Safer Transfusion (BEST) Collaborative: *Low Rate of Patient Culturing in Possible Septic Transfusion Reactions*. AABB Annual Meeting, TS19-MN3-22; Transfusion vol. 58, S2. Boston, MA <https://onlinelibrary.wiley.com/doi/epdf/10.1111/trf.14903> Oct 2018
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#### Local/Regional Meetings

#### Peer-reviewed Presentations

#### Poster Presentations

#### National/International Meetings

1. Okorodudu, A.O, **Pelletier, J.P.R.**, Valcour, AA, Bowers, GN, Jr, McComb, RB. *IFCC Reference Method for Alanine Aminotransferase (ALAT): The need for L-Alanine Free D-Alanine*. Clinical Chemistry 1987 33(6) American Association of Clinical Chemistry (AACC) Annual Meeting Nov 1987
2. **Pelletier, J.P.R.**, Lewis, R, Beheshti, MV. *Coil Embolization as Treatment of Pulmonary Arteriovenous Malformations*, American College of Physicians (ACP) Annual Mtg, Chicago, IL Mar 1993
3. **Pelletier, J.P.R.**, Slauson, JW, Hennessey J., Koroscil, T. *Effect of Iodinated Angiographic Dye on Outcome of Thyroid Function Test*. ACP Annual Meeting, Colorado Spring, CO Feb 1995
4. Polito, AB, **Pelletier J.P.R.** *Analysis of Fresh Frozen Plasma Breakage at Air Force Theater Hospital, Best Clinical Poster Winner; Society of Armed Forces Medical Laboratory Science (AFMLS) Meeting, Washington, DC Mar 2007*
5. Polito, AB, **Pelletier J.P.R.** *Fresh Frozen Plasma Breakage is Long Distance Transportation: Analysis of Causes and Solutions for Prevention*; AABB Annual Meeting; New Orleans, LA Transfusion; 2009 49(S3) Scientific Section SP83 pg84A <https://onlinelibrary.wiley.com/doi/pdf/10.1111/j.1537-2995.2009.02366.x> Oct 24-27 2009
6. Ruffing, Nora K, Polito, Anthony B., **Pelletier, J Peter R**; *Frequency of High Titer Anti-A and Anti-B in Group O Plateletpheresis Units*; Society of American Federal Medical Laboratory Scientists (SAFMLS) annual meeting; New Orleans, LA Mar 28-31 2011
7. Anil Parwani, MD; Jonhan Ho, MD; Orly Aridor; David Glinski; Chris Saylor; Dale M. Selby, MD; **Joseph P. Pelletier, MD**; Steven W. Davis, MD; Christopher B. Gerlach, MD; Leslie Anthony; *Contextual Inquiry of Air Force Medical Service (AFMS) Pathology: Identify the Unique Needs and Work Practices Prior to Implementing a Digital Pathology System*; USCAP Annual Meeting; Vancouver Canada Mar 17-23 2012
8. **Col Joseph P. Pelletier, MD**; Maj Steven W. Davis, MD; Col Dale M. Selby, MD; Maj Christopher B. Gerlach, MD; Orly Aridor; David Glinski; Chris Saylor; Leslie Anthony; Anil Parwani, MD., PhD; Jonhan Ho, MD; *Workflow Assessment Prior To Implementation of a Digital Pathology System Within AFMS Pathology: Identify Needs and Work Practices*; SAFMLS annual meeting; Memphis, TN Apr 2012
9. Nicholas Lancia, MD; Jonhan Ho, MD; Leslie Anthony; Orly Aridor; David W. Glinski; Chris Saylor; Ricky Bond; **Joseph P. Pelletier, MD**; Dale M. Selby, MD; Emily Green, MD; Kyle Richard, MD; Anil V. Parwani, PhD, MD; *Design and Implementation of a Digital Pathology Network for Air Force Medical Services (AFMS) Pathology Practice*; Pathology Informatics Meeting; Chicago, IL Oct 9-12 2012
10. James C Brady, James R McAvin, **Pelletier JPR**; *Continued Polymerase Chain Reaction Assay Stability Over Time and In a Changing Thermal Environment*; American Society Clinical Pathologists (ASCP) Annual Meeting, Boston, MA 31 Oct- 3 Nov 2012
11. Anil V. Parwani, PhD, MD; Leslie Anthony; Orly Aridor; David W. Glinski; Chris Saylor; Ricky Bond; Nicholas Lancia, MD; **Joseph P. Pelletier, MD**; Dale M. Selby, MD; Emily Green, MD; Kyle Richard, MD; Jonhan Ho, MD. *Design and Implementation of a Model Digital Pathology Network for Teleconsultation and Workload; Distribution within the Air Force Medical Services*; Annual USCAP meeting, USCAP Poster #1594, Baltimore MD Mar 2-8 2013

12. Duque MA, Harris NS, Portillo P, **Pelletier JPR**; *Thromboelastography Measurement of Apheresis Platelets Functionality Exposed to Lower than Standard Temperatures*, ASCP Annual Meeting, Long Beach, CA, Oct 28-30 2015
13. Lopez Alexandra, Jenkins Thomas, Thompson Shelby, Sikora Jim, **Pelletier J Peter R**, Thomas Ryan; *Transfused Blood from Older Donors is Associated with Improved Survival in Patients Undergoing Hepatic Surgery for Non-Hepatocellular Malignancies*; Society of Surgical Oncology's 69<sup>th</sup> Annual Cancer Symposium; Boston MA Mar 2-5 2016
14. A.L. Screws, MD, **J. P. Pelletier, MD**, J. D. White MD; *FAILURE TO CHILL: An express ticket to wasted blood products!*; International Anesthesia Research Society (IARS) Annual Meeting; San Francisco, CA May 21-24 2016
15. Duque MA, Harris NS, Portillo P, **Pelletier JPR**; *Apheresis Platelets Functionality Exposed To Lower Than Standard Temperatures as Measured by Thromboelastography (TEG)*. AABB Annual Meeting, Orlando FL <https://onlinelibrary.wiley.com/doi/epdf/10.1111/trf.13807> Oct 22-25 2016
16. Sikora J, Mukhtar F, **Pelletier JPR**; *Soluble Antigens in Plasma Allow Mismatched Transfusion without Hemolysis*. AABB Annual Meeting, Orlando FL <https://onlinelibrary.wiley.com/doi/epdf/10.1111/trf.13807> Oct 22-25 2016
17. Duque MA, Harris NS, Portillo P, Mukhtar, Faisal, **Pelletier JPR**, *Quantification of Residual RBCs in Apheresis Platelets and Whole Derived Platelets Units Using Advia vs Sysmex Automated Hematology Analyzer*. AABB Annual Meeting, San Diego CA <https://onlinelibrary.wiley.com/toc/15372995/2017/57/S3> Oct 7-10 2017
18. **J Peter Pelletier**, Barbara J Bachman, Mike Leamy, Susan Olson, Candace Williams, Workflow *Comparison of Two Gel Analyzers in a Large Transfusion Service*. AABB Annual Meeting, San Diego CA <https://onlinelibrary.wiley.com/toc/15372995/2017/57/S3> Oct 7-10 2017
19. Danielle Harrell, Faisal Mukhtar, **Peter Pelletier**; *Delayed Hemolytic Transfusion Reaction Secondary to a Warm Anti-N Allo-antibody*. AABB Annual Meeting; Transfusion vol 58, supplement S2 130A. Boston, MA <https://onlinelibrary.wiley.com/toc/15372995/2018/58/S2> Oct 13-16 2018
20. Fontaine MJ, Cohn C, Delaney M, Martin I, Shih AW, Dunbar NM, **SCaRED Study Investigators**, on behalf of the Biomedical Excellence for Safer Transfusion (BEST) Collaborative: *Precision and Accuracy of Vital Sign Reporting in Transfusion Reactions*. AABB Annual Meeting TS64; Transfusion vol. 58 S2 118A. Boston, MA <https://onlinelibrary.wiley.com/toc/15372995/2018/58/S2> Oct 13-16 2018
21. Cohn CS, Delaney M, Fontaine M, Martin I, Shih AW, Dunbar NM, **SCaRED Study Investigators**, on behalf of the Biomedical Excellence for Safer Transfusion (BEST) Collaborative: *Poor Sensitivity of AABB Criteria for Culturing Residual RBC and Platelets*. AABB Annual Meeting TS52; Transfusion vol 58, S2 113A. Boston, MA <https://onlinelibrary.wiley.com/toc/15372995/2018/58/S2> Oct 13-16 2018
22. Bengali S, Keidan I, White JD, Gravenstein N, Vasilopoulos T, **Pelletier P**, Muhktar F, Sappenfield J. *Platelet Functionality is Decreased After Infusion Through a Rapid Infusion System*. Society of Critical Care Anesthesiologists Annual Meeting. Montreal, Quebec, Canada May 17 2019
23. Jin Z, Mukhtar F, **Pelletier JPR**, *Severe Hyperbilirubinemia of a newborn caused by Anti-B antibody*. ASCP Annual Meeting, Phoenix, AZ Sept 11-13 2019
24. Dipankar Gupta, **J Peter Pelletier**, Renata Shih, Daila Lopez-Colon, Biagio A Pietra, Frederick J Fricker, Mark S Bleiweis, *ABO-incompatible Heart Transplants in Pediatric Patients*, Transfusion 2019 59, S3 pg190A (Abstract P-TS-5) AABB annual meeting, San Antonio, TX <https://onlinelibrary.wiley.com/doi/pdf/10.1111/trf.15462> Oct 19-22 2019
25. Greg Olsen, Monique Huggins, Faisal Mukhtar, **J Peter Pelletier**, *Evaluation of Type A Plasma in Out of Type Patients*. Transfusion 2019; 59, S3 pg 212A (Abstract P-TS-61) AABB annual meeting, San Antonio, TX <https://onlinelibrary.wiley.com/doi/pdf/10.1111/trf.15462> Oct 19-22 2019
26. Monique Huggins, Elaine Delvo-Favre, Michael Passwater, Faisal Mukhtar, **Peter J Pelletier**, *Adding Redundancy and Independent Dual Verification to Reduce Wrong Blood in Tube Events*. 2020 Virtual Annual Meeting Oct 2020
27. Jessica A. Ching, Lance Governale, Christopher Edwards, Christoph Seubert,; F. Cole Dooley, Timothy Martin, Nelson Algarra, **J Peter R Pelletier**, Mary Jane Michaels, Martin Noguera; Bruce Spiess. *Novel Blood Management Protocol in Open Craniosynostosis Surgery*. Society for the Advancement of Patient Blood Management Annual Meeting 2021 Virtual 22-25 Sept 2021
28. Robert A. DeSimone, MD; Mary Berg, MD; Patricia A. R. Bruncker, MD, DPhil; Mark K. Fung, MD, PhD; Daniela Hermelin, MD; Theresa A. Nester, MD; Kerry L. O'Brien, MD; **J. Peter R. Pelletier, MD**; Laura D. Stephens, MD; Mark H. Yazer, MD; Wen Lu, MD. *Survey of transfusion service experience with anti-M in*

- pregnancy*. Transfusion, 62(52), pp 166-7A DOI: 10.1111/trf.17057. AABB. Annual meeting, Orlando Florida Oct 2022 (P-TS-68)
29. Greg Olsen, Michael Passwater, Monique Huggins, Faisal Mukhtar, **J Peter R Pelletier**. *Cryoprecipitate: Waste Not, Want not*. Transfusion, 62(52), pp 158-9A, Sept 2022. DOI: 10.1111/trf.17057. AABB Annual meeting, Orlando Florida Oct 2022 (P-IV-5)
  30. Jonathan Butts, MD; Christopher Edwards, MD; Christoph Seubert, MD, PhD; F. Cole Dooley, MD; Timothy Martin, MD; Nelson Algarra, MD; **J Peter R Pelletier, MD**; Mary Jane Michael, RN, MS, CCRC; Martin Noguera; Bruce Spiess, MD; Lance Governale, MD; Jessica A. Ching, MD. *Novel Multimodal Blood Management Protocol to Reduce Transfusion in Open Craniosynostosis Surgery*. The Florida Plastic Surgery Forum. Palm Beach, Florida. December 2022.
  31. Esra Gultekin-Elbir, **Peter Pelletier**, Faisal Mukhtar, Erica Smith, Marcella Rodriques, Mehmet Genc. *Impact of a Standardized multidisciplinary Protocol for Placenta Accreta Spectrum on Blood Bank Services*. Society for Maternal-Fetal Medicine 43<sup>rd</sup> Annual Pregnancy Meeting, San Francisco CA Feb 2023
  32. Jonathan Butts, MD; Sabrina Han BS; Christopher Edwards, MD; Christoph Seubert, MD, PhD; F. Cole Dooley, MD; Timothy Martin, MD; Nelson Algarra, MD; **J Peter R Pelletier, MD**; Mary Jane Michael, RN, MS, CCRC; Martin Noguera; Bruce Spiess, MD; Lance S. Governale, MD; Jessica A. Ching, MD. *Novel Multimodal Blood Management Protocol in Open Craniosynostosis Surgery*. International Society of Craniofacial Surgeons in Seattle in September 2023 (submitted)
- Local/Regional Meetings*
1. **Pelletier, J.P.R.**, Hall, CR. *Multicystic Mesothelioma: An Unusual Presentation*. Texas Society of Pathologists, 77<sup>th</sup> Annual Meeting. Jan 1998
  2. **Pelletier, J.P.R.**, Plumbley, JA, Rouse, EA, Cina, SJ. *Paraneoplastic Sepsis: The Role of Clostridium Septicum*. 78<sup>th</sup> Annual Meeting of Texas Society of Pathologists, Houston, TX Jan 1999
  3. Piegols, Rebekah E., **Pelletier, J Peter R**, McAvin, James C; *Shigella Stool Extraction with TaqMan Detection*, Texas Society of Pathologist Annual Meeting, Dallas, TX Jan 2011
  4. Faisal Mukhtar, Greg Olsen, Y. Monique Huggins, Elaine D. Delvo Favre, Michael Passwater. J. Peter R. Pelletier, *Reducing Wrong Blood in Tube*, 2022 Patient Safety Quality Week, May 2022