

Mary P. (Bielski) Berg, M.D.

Curriculum Vitae

Office Address

UCH Clinical Laboratory
12401 E. 17th Ave.
Mail Stop AO22
Aurora, CO 80045
(720) 553-9529
Fax: (720) 848-4407
Email: mary.berg@cuanschutz.edu

Home Address

7043 S. Irvington Court.
Aurora, CO 80016
(720) 870-4087
Email: mbielski11@hotmail.com

EDUCATION

1984-87 University of Wisconsin-Milwaukee
 B.S. in Medical Science
1987-91 Medical College of Wisconsin, Milwaukee, Wisconsin
 M.D.

CLINICAL TRAINING

1991-92 Evanston Hospital, Evanston, Illinois
 Intern, Internal Medicine
1992-94 Case Western Reserve University & University Hospitals of Cleveland
 (CWRU/UHC), Cleveland, Ohio
 Resident in Anatomic & Clinical Pathology
1994-95 CWRU/UHC
 Chief Resident, Clinical Pathology
1995-96 CWRU/UHC & American Red Cross Blood Service (ARC) Northern Ohio Region
 Citywide Fellow in Blood Banking/Transfusion Medicine
1996-97 CWRU/UHC
 Senior Resident in Anatomic & Clinical Pathology

APPOINTMENTS-ACADEMIC

2017- Professor of Clinical Pathology, (UCSOM)
2015- Associate Program Director, Anatomic and Clinical Pathology Residency, University of
 Colorado School of Medicine, Aurora, CO (UCSOM)
2008- Program Director of Transfusion Medicine Fellowship, (UCSOM)
2019-2020 University Privilege and Tenure Committee, member
2008-2017 Associate Professor of Pathology, (UCSOM)
2007-2008 Assistant Professor of Clinical Pathology, Department of Pathology, University of Arizona
 Health Sciences Center, School of Medicine, Tucson, AZ (AHSC)

- 2002-2007 Assistant Professor of Pathology, Department of Pathology, University of Arizona Health Sciences Center, School of Medicine, Tucson, AZ (AHSC)
- 1997-2002 Assistant Professor, Department of Pathology, University of Colorado Health Sciences Center, School of Medicine, Denver, CO (UCHSC)
- 1992-97 Teaching Fellow in Pathology, CWRU School of Medicine

APPOINTMENTS-HOSPITAL

- 2018- CLIA Laboratory Director, UCHealth Free-Standing Emergency Departments at Aurora Smoky Hill, Denver Green Valley Ranch, and Thornton 120th (start: May 01, 2018, Aurora Smoky Hill discontinued June 1, 2019)
- 2011- Collection Facility Director and Medical Director of FACT Adult Cellular Therapy Program Apheresis Collections, University of Colorado Hospital (UCH)
- 2008- Medical Director of Transfusion Services, UCH
- 2008- Medical Director of Perioperative Blood Salvage/Autotransfusion Services, UCH
- 2008-2011 Co-Director of FACT Adult Cellular Therapy Program Apheresis Collections, UCH
- 2002-2008 Director of Transfusion Medicine, University Medical Center, Tucson, AZ (UMCAZ)
- 2002-2008 Clinical Pathologist (consultant), University Physicians Healthcare Hospital at Kino Campus, Tucson, AZ
- 2003-2008 Medical Director of Clinical Laboratory, White Mountain Regional Medical Center, Springerville AZ (WMRMC)
- 2002-01/2005 Acting Medical Director for the Core Laboratory (Chemistry Analyses), UMCAZ
- 1997-2002 Medical Director, Transfusion Service, Denver Health Medical Center, Denver, CO (DHMC)
- 1998-2002 Medical Director, Hematology Laboratory, DHMC
- 1998-1999 Acting Director, Histology and Cytology Laboratories, DHMC
- 1995 Acting Medical Director, ARC Northern Ohio Region (9/95-12/95)

HONORS AND AWARDS

- | | |
|---------------------------------------------------------------------------------------------|------------|
| Voted a 'Top Doctor' in 5280 Denver's Magazine | 2024 |
| Summit Award for excellence in teaching residents in the Department of Pathology, UCSOM, | 2023-2024 |
| South Central Association of Blood Banks Technical/Scientific Award Lecturer, | 2023 |
| Voted a 'Top Doctor' in 5280 Denver's Magazine | 2023 |
| Summit Award for excellence in teaching residents in the Department of Pathology, UCSOM, | 2022-2023 |
| Summit Award for excellence in teaching residents in the Department of Pathology, UCSOM, | 2021-2022 |
| Summit Award for excellence in teaching residents in the Department of Pathology, UCSOM, | 2020-2021 |
| Summit Award for excellence in teaching residents in the Department of Pathology, UCSOM, | 2019-2020 |
| South Central Association of Blood Banks Larry L. Trow Memorial Education Award, | 2019 |
| Summit Award for excellence in teaching residents in the Department of Pathology, UCSOM, | 2018-2019 |
| Summit Award for excellence in teaching residents in the Department of Pathology, UCSOM, | 2017-2018 |
| Summit Award for excellence in teaching residents in the Department of Pathology, UCSOM, | 2016-2017 |
| Excellence in Teaching Certificate, UCSOM-Child Health Asst/Physician Asst Pathology Course | 2016-2017 |
| Summit Award for excellence in teaching residents in the Department of Pathology, UCSOM, | 2015-2016 |
| Excellence in Teaching Certificate, UCSOM-Child Health Asst/Physician Asst Pathology Course | 2015-2016 |
| AABB (formerly the American Association of Blood Banks) PEP Shining Star Award | April 2016 |
| South Central Association of Blood Banks Larry L. Trow Memorial Education Award, | 2015 |
| Summit Award for excellence in teaching residents in the Department of Pathology, UCSOM, | 2014-2015 |
| Excellence in Teaching Certificate, UCSOM-Child Health Asst/Physician Asst Pathology Course | 2014-2015 |

Summit Award for excellence in teaching residents in the Department of Pathology, UCSOM,	2013-2014
Excellence in Teaching Certificate, UCSOM-Child Health Asst/Physician Asst Pathology Course	2013-2014
Summit Award for excellence in teaching residents in the Department of Pathology, UCSOM,	2012-2013
Excellence in Teaching Certificate, UCSOM-Child Health Asst/Physician Asst Pathology Course	2012-2013
Listed as a Top Female Executive by Worldwide Who's Who,	2012 Edition
Summit Award for excellence in teaching residents in the Department of Pathology, UCSOM,	2011-2012
Listed in Cambridge Who's Who	2010-2011 Edition
Summit Award for excellence in teaching residents in the Department of Pathology, UCSOM,	2009-2010
Listed in the Consumers' Research Council of America's "Guide to America's Top Pathologists",	2008 Edition
Listed in the Consumers' Research Council of America's "Guide to America's Top Physicians",	2008 Edition
	2007 Edition
	Second Edition, 2004-2005
	First Edition, February 2003
John R. Davis MD Outstanding Residency Teaching Award, AHSC Department of Pathology,	2006-2007
Listed as an "International Health Professional of the Year 2006" by the International Biographical Centre, Cambridge, England	
Listed in Who's Who in Medicine and Healthcare,	2004-2005 Edition
John R. Davis MD Outstanding Residency Teaching Award, AHSC Department of Pathology,	2002-2003
Certificate of Excellence as a Mentor and Instructor in Seminar Teaching, UCSOM Medical School Class of 2003 (for Pathology 6000 instruction, 2000-2001)	
Excellence in Teaching Award, DHMC Department of Obstetrics & Gynecology,	4/28/2000
Phi Beta Kappa, elected at UWM	1987

PROFESSIONAL ASSOCIATIONS

Association for the Advancement of Blood and Biotherapies (AABB) 1997-present

Assessor, 1997- present

Perioperative Accreditation Program Unit, 2006-2012; chair, 2007-2012

Accreditation Program Committee liaison, 2007-2012

Perioperative Standards Unit liaison, 2007-2012

Transfusion Services Accreditation Program Unit, 2008-2012

Perioperative Standards Committee, 2013-2022, chair, 2015-2019

Standards Program Committee, 2013-2019

Coding & Reimbursement Committee, 2013-2022, chair, 2018-2022

Mentor for AABB Professional Engagement Program, 2014-2019

Hemotherapy Subsection, 2019-present

Patient Blood Management/Transfusion Safety Officer Subsection, 2019-present

Membership Committee, 10/2023-present

Circular of Information Task Force, 10/23-present

South Central Association of Blood Banks 2002-present

Education Committee, 2011-2021; co-chair, 2012-2013, 2017-2019, chair, 2013-2017, 2019-2021, member 2022-present

Member, Board of Directors, 2012-2023

Moderator, SCABBinars, 2013-2021

District Director for District II, 2015-2019

Vice President, 2019-2020

President-Elect 2020-2021

President 2021-2022

Immediate Past President 2022-2023
Membership Committee, member 2019-2021, chair 2020-2021
Bylaws committee, 2021-present
History committee, 2022-present
UBI Collaboration Task Force, 2022-present
American Society for Clinical Pathology, 1992-present
Teleconference Committee, 2007-2013
Workshops and On-Demand Webcasts Committee, 2013-2015
Workshops for Laboratory Professionals presenter, 2015-2019
College of American Pathologists, 1992-present
Inspector for the Laboratory Accreditation Program, 1997-present
Engaged Leadership Academy, 2015
Engaged Leadership Network 2015-2018
Graduate Medical Education Committee, 2019-present
Transfusion, Apheresis, and Cellular Therapy Committee, 2019-present
Wellness Project Team, 2021-present
Academy of Clinical Laboratory Physicians and Scientists, 2002-present
Program & Finance Committee, 2016-2019
Nominating and Awards Committee, 2010-2012
Collaborative Alliance for Continuing Medical Laboratory Education (CACMLE), 2000-2016
President, 2011-2013
President-Elect, 2010-2011
Member, Board of Directors, 2000-2007 and 2009-2016
Board Secretary, 2002 and 2009-2011
Moderator, CACMLE Transfusion Medicine Teleconference, 2011-2016
Arizona Society of Pathologists, 2002-2008
Association of Pathology Chairs-Pathology Residency Program Directors subsection, 2002-2008, 2015-present
Clinical Service Leaders Committee, 2022-2023

LOCAL COMMITTEES

UCH BMT QA Committee and BMT Processing/Collections QA Committee, 2015-present
UCSOM Department of Pathology Residency Clinical Competency Committee, Chair 2014-present
UCH Pharmacy & Therapeutics Subcommittee on Anticoagulation, 2013-present
UCH SCALQAS (Stem Cell Apheresis Laboratory Quality Assurance Subcommittee), 2012-2015
UCSOM Department of Pathology Seminar Committee, 2011-2018
UCSOM Department of Pathology Residency Review Committee, 2010-2014
UCSOM Department of Pathology Faculty Incentive Committee, 2009-2015
UCH Clinical Laboratory Medical Directors meetings, 2008-present
UCH Clinical Laboratory Services Committee, 2008-present
UCSOM Dept. of Pathology Transfusion Medicine Fellowship Program Evaluation Committee, 2008-present
UCH Blood Utilization Review Committee, 2008-present, Chair 2008-2016
UCSOM Graduate Medical Education Committee, 2008-present

UMCAZ Blood Utilization Committee, 2002-2008
UMCAZ Infection Prevention Committee, 2002-2006

AHSC Pathology Department Residency Committee, 2002-2008
AHSC Pathology Department Compliance Committee, 2007-2008
AHSC Graduate Medical Education Committee, 2002-2008
AHSC Case Development Team for medical student case studies, 2007-2008
U of A University Committee on Ethics and Commitment, 2004-2008
WMRMC Process Improvement and Quality Assurance Committee, Chair 2003-2008

LICENSURE

Colorado Medical License, expiration: 05/25
Arizona Medical License, 2002-2020
Ohio Medical License, 1991-2019

BOARD CERTIFICATION

Voluntary Recertification by the American Board of Pathology, valid 01/01/2014-01/01/2024
Diplomate in Blood Banking/Transfusion Medicine, American Board of Pathology,
#SQ-97-168 (not time-limited)
Diplomate in Anatomic and Clinical Pathology, American Board of Pathology, #97-083 (not time-limited)
Diplomate, National Board of Medical Examiners, #404101 (not time-limited)

AD HOC REVIEWER

Archives of Pathology & Laboratory Medicine
BMJ Open
Laboratory Medicine
Transfusion

INVITED PRESENTATIONS

02/29/24 "Blood Bank Case Studies: It's Not Always Immunohematology" (SCABB Florida Regional Symposium [virtual])
01/25/24 "Transfusion Related Fatalities" (SCABB Webinar)
06/07/23 "Blood Bank Case Studies: It's Not Always Immunohematology" (SCABB Annual Meeting, Technical/Scientific Award Lecture, Westminster, CO)
06/06/23 "Isohemagglutinin titers: Highs and Lows" (Advanced Immunohematology and Molecular Symposium, Westminster, CO)
05/27/22 "Cultural Competency" (SCABB Annual Meeting, Dallas, TX)
04/22/22 "Blood Bank Case Studies: It's Not Always Immunohematology" (Clinical Laboratory Collaborative Conference, Denver, CO)
03/02/22 "It's All in the Bag: A Review of Red Blood Cell Additive Solutions" (SCABB Florida Regional Symposium [virtual])

10/17/21 "Coverage and Reimbursement Policy for Transfusion Medicine and Cell Therapy: What U.S. Hospitals Need to Know in 2021" (with Susan Leppke, MPH and Stephanie Pierce, MBA, MT(ASCP), AABB Annual Meeting [virtual])

09/18/21 "Transfusion Medicine: What the Blood Bank Wants Anesthesiologists to Know" (27th Annual Anesthesia Symposium & Colorado Society of Anesthesiologists Annual Meeting [meeting was cancelled due to pandemic, but slides for the talk were posted online for meeting participants])

10/30/20 "Everything Old is New Again (A 100 Year Old Therapy That Became 'Warp Speed'): COVID-19 Convalescent Plasma" (with Kyle Annen, DO, Pathology Grand Rounds, Virtual)

08/29/20 "Billing for COVID-19 Convalescent Plasma (part of COVID-19 Town Hall" (South Central Association of Blood Banks Annual Meeting [virtual])

08/29/20 "How Teamwork Between Many Blood Centers and a Hospital Transfusion Service Saved a Life" (South Central Association of Blood Banks Annual Meeting [virtual])

10/21/19 "What's New with Reimbursement and Coding for Blood Products, Transfusion Medicine, and Cellular Therapies?" (AABB National Meeting, San Antonio, TX)

06/21/19 "Blood Banking: Beyond the Bench" (ASCP Workshops for Laboratory Professionals, Albuquerque, NM)

06/01/19 "Immune-Based Therapy for Hematologic Malignancies" (South Central Association of Blood Banks Annual Meeting, San Antonio, TX)

05/03/19 "Laboratory Support of Obstetrical Practice" (Clinical Laboratory Collaborative Conference, Denver, CO)

04/25/19 "A Hospital Perspective on Intercept Platelets" (Alliance for Community Transfusion Services Meeting, New Orleans, LA)

10/16/18 "Introduction to Coding and Reimbursement" (AABB National Meeting, Boston, MA)

10/15/18 "Updates to the 8th Edition of the Periop Standards" (AABB National Meeting, Boston, MA)

10/08/18 "Blood Bank Topics" (Anesthesia Grand Rounds, Aurora, CO)

09/20/18 "Massive Transfusion: A Laboratory Perspective" (SCABB Webinar)

06/05/18 "North America: A US Hospital's Perspective on the Routine Use of and Clinical Impact with Pathogen Inactivation" (International Society for Blood Transfusion, Toronto, ON, Canada)

05/11/18 "An Update on the Pathology Residency Program" (Pathology Department Grand Rounds, Aurora, CO)

04/27/18 "An Example of Implementation of Intercept Platelets" (CBBS/SCABB Combined Annual Meeting, Glendale, AZ)

02/21/18 "Evolving Therapies in Hematology" (SCABB Regional Symposium, Orlando, FL)

10/11/17 "Blood Banking: Beyond the Bench" (ASCP Workshops for Laboratory Professionals, Santa Ana, CA)

10/10/17 "Coding & Reimbursement for Stem Cell Collections and Cord Blood Transplants" (AABB National Meeting, San Diego, CA)

10/07/17 "Quality Systems in LDL Apheresis" (AABB National Meeting, San Diego, CA)

05/04/17 "Blood Banking: Beyond the Bench" (ASCP Workshops for Laboratory Professionals, Phoenix, AZ)

01/31/17 "Basics of Blood Banking" (BMT Grand Rounds, Aurora, CO)

12/07/16 "An Example of Implementation of Intercept Platelets" (Bonfils Blood Center Technical Advisory Council meeting, Denver, CO)

10/25/16 "Evidence-Based Medicine in the Perioperative Arena" (AABB National Meeting, Orlando, FL)

10/25/16 "Questions About Coding & Reimbursement" (AABB National Meeting, Orlando, FL)

10/25/16 "An Example of Implementation of Intercept Platelets" (Cerus Corporation Industry Workshop at AABB National Meeting, Orlando, FL)

10/24/16 "Updates to the 7th Edition of the Periop Standards" (AABB National Meeting, Orlando, FL)

05/06/16 "Blood Banking: Beyond the Bench" (ASCP Workshops for Laboratory Professionals, Baltimore MD)

03/31/16 "Massive Transfusion: A Laboratory Perspective" (SCABB Regional Symposium, Orlando, FL)

11/11/15 "Adverse Events Related to Transfusion: Reactions and Fatalities" (CACMLE Webinar)
11/07/15 "Blood Banking: Beyond the Bench" (ASCP Workshops for Laboratory Professionals, Phoenix, AZ)
04/13/15 "Ordering Blood in the OR" (Anesthesiology Grand Rounds, Aurora, CO)
11/06/14 "Internal Disasters: Four Examples of the Worst That Can Happen" (CACMLE Webinar)
10/28/14 "Updates to the 6th Edition of the Periop Standards" (AABB National Meeting, Philadelphia, PA)
10/17/14 "Extra-Corporeal Photopheresis Therapy for T-Cell Disorders" (Pathology Grand Rounds, Aurora, CO)
04/10/14 "Internal Disasters: Four Examples of the Worst That Can Happen" (Clinical Laboratory Collaborative Conference, Denver, CO)
12/19/13 "Dealing With Angry Customers" (University Health Systems Consortium Teleconference)
09/25/13 "Transfusion Related Fatalities" (ASCP Teleconference #6798, 32 sites registered)
04/12/13 "Transfusion-Related Fatalities" (Clinical Laboratory Collaborative Conference, Denver, CO)
03/26/13 "Who Has Yelled at You Lately?" (SCABB Webinar)
03/19/13 "Granulocyte Transfusions" (UCH-BMT Grand Rounds, Aurora, CO)
03/08/13 "Massive Transfusion: A Laboratory Perspective" (CACMLE Webinar)
12/04/12 "Platelet Transfusion Refractoriness" (BMT Grand Rounds, Aurora, CO)
10/26/12 "Massive Transfusion: A Laboratory Perspective" (ASCLS-CO Northern Colorado Fall Education Seminar, Fort Collins, CO)
10/05/12 "Perioperative Blood Salvage: Assessor Training 2012 (Changes to the Standards and Commonly Cited Nonconformances)" (AABB Assessor continuing education program: perioperative assessor break-out session, Boston, MA)
04/26/12 "Perioperative Blood Salvage: An overview from a Blood Banker's Perspective" (Belle Bonfils Memorial Blood Center Technical Advisory Council meeting, Denver, CO)
04/10/12 "The Alphabet Soup of Regulations and Standards" (Clinical Laboratory Collaborative Conference, Denver, CO)
04/03/12 "Blood Bank 101: A Foreign Language Primer" (BMT Grand Rounds, Aurora, CO)
10/08/10 "Perioperative Blood Salvage: Assessor Training 2010 (Changes to the Standards, Commonly Cited Nonconformances, and Assessment of the Manufacture of Platelet Gel)" (AABB Assessor continuing education program: perioperative assessor break-out session, Baltimore, MD)
11/10/09 "Adverse Reactions to Stem Cell Infusions" ClinImmune Labs Continuing Education Program
10/03/08 "Assessment of Third Party Providers & Commonly Cited Nonconformances" (AABB Assessor continuing education program: perioperative assessor break-out session, Montreal, QC, CA)
09/24/08 "Calls from Springerville: Questions and Answers for Small Transfusion Services" (ASCP Teleconference, 23 sites registered)
10/19/07 "Visiting Somebody Else's Operating Room" (AABB Assessor continuing education program: perioperative assessor break-out session, Anaheim, CA)
10/12/07 "Laboratory Support of Obstetric Practice" (ASCLS: Arizona Society of Clinical Laboratory Scientists, SAVAHCS, Tucson, AZ)
05/05/07 "Massive Transfusion: It's Not Always Trauma" (Arizona Society of Pathologists Annual Meeting, Tucson, AZ)
10/11/06 "Applications of Laboratory Medicine to Obstetrical Practice" (ASCP Teleconference, 44 sites registered)
03/10/06 "So, Who's Yelled at You Lately? Dealing withirate Customers" (ASCP Leadership Exchange, Baltimore, MD)
04/18/05 "Massive Transfusion" and "Ask the Experts" panel (South Central Association of Blood Banks 47th Annual Meeting and Exhibits, Galveston, TX)
02/16/05 "Massive Transfusion" (Combined Surgery & Anesthesia Grand Rounds, Tucson, AZ)

- 04/19/04 "Serological Case Studies" (South Central Association of Blood Banks 46th Annual Meeting and Exhibits, Keystone, CO)
- 02/17/04 "Red Blood Cells & Antibodies for Medical Technologists" (ASCLS: Arizona Society of Clinical Laboratory Scientists, SAVAHCS, Tucson, AZ)
- 11/16/02 "Medical Mysteries: Pathology" (Southern Arizona Border Health Careers Opportunity Program Saturday Academy, U of A Integrated Learning Center)
- 06/19/02 "So, Who's Yelled at You Lately? Dealing with Irate Customers in the Blood Bank" (ASCP Teleconference, 60 sites registered)
- 01/10/01 "Hemolytic Disease of the Newborn" (AABB Annual Meeting Review, Belle Bonfils Memorial Blood Center, Denver, CO)
- 10/12/00 "Medical Ethics in the Transfusion Setting" (Social Problems Class, Denver Christian Academy, Denver, CO)
- 04/06/00 "Massive Transfusion: It's Not Always Trauma" (Colorado Society of Clinical Pathologists, The University Club, Denver, CO)
- 12/08/99 "Transfusion-Associated Graft-vs-Host Disease" (AABB Annual Meeting Review, Belle Bonfils Memorial Blood Center, Denver, CO)
- 05/21/99 "Trauma Center Blood Banking" (4th Annual Trauma Care Appreciation Day, Denver, CO)

TEACHING EXPERIENCE

- 2019-present ABP CertLink question author
- 2015-2023 Lecturer, IDPT 8030, UCSOM
- 2013-2018 Lecturer, Pathology for the Physician Assistant, UCSOM, Child Health Associate/Physician Assistant Program
- 2012-2013 Lecturer, Clinical Chemistry Pathology Resident Rotation at UCH
- 2010-present Small Group Preceptor, Phase I course, UCSOM
- 2009-2015 Course Director & Lecturer, Pathology 8001 (now IDPT 8030), UCSOM
- 2009-2016 Lecturer, Pathology 5514, UC Denver School of Dental Medicine
- 2008-2015 Coordinator, Transfusion Medicine Pathology Resident Rotation at UCH
- 2006-2008 Lecturer and Laboratory Session Leader, ArizonaMed curriculum, AHSC
- 2002-2007 Lecturer and Laboratory Session Leader, Pathology 801, AHSC
- 2002-2008 Associate Director of Pathology Residency Training Program for Clinical Pathology Training, AHSC
- 2002-2008 Coordinator, Blood Bank/Transfusion Medicine Rotation for Pathology Residents at UMCAZ (created a new 11 week curriculum for the rotation)
- 1997-2002 Seminar Instructor, Sophomore Medical Student Pathology Course, UCHSC
- 1997-2002 Coordinator, Hematology/Transfusion Service Pathology Resident Rotation at DHMC
- 1995 Course Coordinator and Lecturer, General Pathology Course, Cleveland Institute of Art, School of Medical Illustration
- 1994-96 Lecturer, Sophomore General Pathology Course, CWRU School of Dentistry (Course Coordinator in 1994)
- 1992-97 Teaching Fellow, Biologic Basis of Disease, CWRU School of Medicine

PUBLICATIONS-PEER-REVIEWED

Katz Karp J, Lofgreen A, Johnson K, George MR, Barak S, Bryant BH, **Berg MP**, Childs JM, Knollmann-Ritschel BEC, Prieto VG, White KL, McCloskey CB. Continued Positive Job Search Experience for New Pathologists Seeking First Employment During the COVID-19 Pandemic (2020-2022). Arch Pathol Lab Med. (accepted January 2024)

Auerbach A, Saint Martin M, **Berg MP**, O'Leary M, Sathiyamoorthy S, Vernon LJ, Roseff SD, Fung MK, Barclift DP, Yorke R, Zhai QJ, Christensen BB, Cohen MB. Unwell: Results from the College of American Pathologists 2022 Pathologist Wellness Survey. Arch Pathol Lab Med. (revisions submitted 01/02/24)

George MR, Timmons CF, Johnson K, Barak S, **Berg MP**, Bryant B, Childs JM, Katz Karp J, Knollmann-Ritschel BEC, Lofgreen A, McCarthy T, Prieto VG, Procop GW, Sandersfeld T, White KL, McCloskey CB. Leadership Perspectives on Osteopathic Medical School Applicants to Pathology Residency Training. Academic Pathology. 2024. 11/1. 100107. doi.org/10.1016/j.acpath.2024.100107

Nalezinski S, **Berg M**, Labrecque C. Economics of Patient Blood Management. Annals of Blood.2024; 9:6 doi: 10.21037/aob-22-35

McCloskey CB, Mark Brissette M, Childs JM, Amanda Lofgreen A, Kristen Johnson K, George MR, Ashley M. Holloman AM, Bryant B, **Berg MP**, Dixon LR, Katz Karp J, Knollmann-Ritschel BEC, Prieto VG, Timmons CF, Hoffman RD. How influential are medical school curriculum and other medical school characteristics in students selecting pathology as a specialty? Academic Pathology. 2023. 10/2.100073. doi.org/10.1016/j.acpath.2023.100073. PMID: 37124364

Holloman AM, McCloskey CB, **Berg MP**, Bryant B, Dixon LR, George MR, Katz Karp J, Knollmann-Ritschel BEC, Prieto VG, Charles Timmons CF, Childs JM, Johnson K, Lofgreen A. Experiential Exposure as the Key to Recruiting Medical Students into Pathology. Academic Pathology. 2023. 10/2.100074. doi.org/10.1016/j.acpath.2023.100074. PMID: 37124363

Chauhan L, Pattee J, Ford J, Thomas C, Lesteberg K, Richards E, Bernas CA, Loi M, Dumont L, Annen K, **Berg M**, Zirbes M, Knight V, Miller A, Jenkins TC, Bennett TD, Monkowski D, Boxer RS, Beckham JD. A Multicenter, Prospective, Observational, Cohort-Controlled Study of Clinical Outcomes Following Coronavirus Disease 2019 (COVID-19) Convalescent Plasma Therapy in Hospitalized Patients With COVID-19. Clin Infect Dis. 2022 Aug 24;75:e466-e472. PMID: 34549274.

George MR, Johnson KA, **Berg MP**, Bryant BH, Childs JM, Dixon LR, Holloman A, Katz Karp J, Knollmann-Ritschel B, Lofgren A, Gerardo Prieto V, Timmons CF. Factors influencing US osteopathic medical students to choose pathology as a specialty. Academic Pathology. 2022 Jun 11;9(1):100034 . doi: 10.1016/j.acpath.2022.100034. PMID: 35722042

Ho AP, Ho BE, **Berg MP**, Draper NL, and Luong P. Unusual Case of Anti-CD36 (Nak^a) and Extensive Review of Literature (accepted for publication in Immunohematology Journal)

Helander L, Potterveld S, **Berg M**. A Platelet Inventory Management Assessment: Is a Pathogen Reduced Only Inventory Financially Feasible? (letter to editor), Transfusion Medicine Reviews. 2021;35:60-61. DOI: 10.1016/j.tmr.2021.07.002. PMID: 34364733

Karafin MS, Becker JL, **Berg M**, De Simone RA, Draper NL, Hudgins J, Metcalf R, Pagano, MB, Park YA, Rossman SN, Schwartz J, Souers R, Thomas L, Uhl L, Ramsey GE. Heterogeneity in Approaches for Switching From Universal to Patient ABO Type-Specific Blood Components During Massive Hemorrhage. Arch Pathol Lab Med. 2021;145(12): 1499-1504. DOI: 10.5858/arpa.2020-0374-CP. PMID: 33720316

Ho AP, Ho BE, **Berg MP**, Gutman JA, and Draper NL. Blood Type Change Identifies Late Dominance Reversal of Chimerism after Double Umbilical Cord Blood Transplantation with Review of the Literature. Transfusion. 2021;61: 960-967. DOI.org/10.1111/trf.16297. PMID: 33638187

Roberts SJ, Pokrandt P, Jewell E, Engoren M, **Berg MP**, Maile MD. Association of Four-Factor Prothrombin Complex Concentrate with Plasma Transfusion Requirements in the Correction of Coagulopathy: A Retrospective Cohort Study. Transfusion Medicine. 2021;31:69-75. DOI: 10.1111/tme. 12716. PMID: 32981200

Simmons SC, Adamski J, **Berg M**, Biller E, Fang DC, Ipe TS, Shunkwiler SM, Zhao Y, Baron BW, Pham HP. The Apheresis Management of Patients Undergoing Transplantation: A Concise Review. Transfusion. 2019; 59(5):1863-1869. DOI: 10.1111/trf.15153. PMID: 30701552

Biller E, Zhao Y, **Berg M**, Boggio L, Boyd T, Capocelli KE, Fang DC, Koepsell S, Music-Aplenc L, Pham H, Trembl A, Weiss J, Wool G, Baron B. Red Cell Exchange in Patients with Sickle Cell Disease--Indications and Management: A Review and Consensus Report by the Therapeutic Apheresis Subsection of the AABB. Transfusion. 2018; 58: 1965-1972. PMID: 30198607

Shunkwiler SM, Pham HP, Wool G, Ipe TS, Fang DC, Biller E, Trembl A, Weiss J, Baron BW, **Berg M**. The Management of Anticoagulation in Patients Undergoing Therapeutic Plasma Exchange: A Concise Review. J Clin Apher. 2017; 00:1-9. PMID:29071747

K Matney, **M Berg**, J Falko, NL Draper. The Role of Lipoprotein(a) in Clotting Reactions During LDL Apheresis. J Clin Lipidology. 2016; 10(2): 438-42. PMID:27055976

Berg M. Review of Practical Self-Assessment for Transfusion Medicine Professionals. AABB News, 2013; 15(4): 24.

Berg M and Justison G. How Would I Manage Perioperative Blood Salvage? Transfusion. 2013; 53:1888-1893. PMID:22804916

AB Benson, GL Austin, **M Berg**, KK McFann, S Thomas, G Ramirez, CC Silliman, M Moss. Transfusion-Related Acute Lung Injury in ICU Patients Admitted with Gastrointestinal Bleeding. Intensive Care Medicine. 2010; 36(10): 1710-1717. PMID:20658125

N Draper and **M Berg**. Plasma Transfusion. Slide Presentation posted on AABB website, 2009 (<http://www.aabb.org/development/education/material/Pages/default.aspx#slide>) {password required for access}

AN Bartley, JB Carpenter, and **M Berg**. Rh-D Positive Platelet Transfusions in Rh-D Negative Patients: Cause for Concern? Immunohematology. 2009; 25(1): 5-8. PMID:19856725

AN Bartley, D Redford, and **M Berg**. Transfusion Protocol for Implantation and Explantation of Cardiac Devices in an Academic Medical Center. *ASAIO*. 2007; 53: 320-323. PMID:[17515722](#)

MK Vaske and **M Berg**. Molecular Testing for RHD Genotyping. *Transfusion Medicine Check Sample TM 06-4 (TM-288)*. 2006; 49 (4); 37-53

M Berg. Obstetric Hemorrhage. *Lab Medicine*. 2006; 37 (1): 45-9

J Gerdes, B Bertolani, and **M Berg**. Sharing Our Best: Thawed Plasma, An Alternative to Fresh Frozen Plasma. *J Trauma Nursing*. 2005; 12 (2): 57-8. PMID:[16173199](#)

M Berg. Massive Transfusion in a 66-Year-Old Man with Blunt Injury to the Thorax. *Lab Medicine*. 2005; 36 (10): 657-60

M Bielski. Obstetric Bleeding: Causes and Management. *Transfusion Medicine Check Sample TM04-5 (TM-273)*. 2004; 47(5); 53-70

M Bielski, R Yomtovian, H Lazarus, and N Rosenthal. Prolonged Isolated Thrombocytopenia After Hematopoietic Stem Cell Transplantation: Morphologic Correlation. *Bone Marrow Transplantation*. 1998; 22: 1071-1076

M Bielski and FW Abdul-Karim. Clear Cell Oncocytosis of Parotid Gland. *Anatomic Pathology Check Sample No. AP 96-8 (AP-262)*. 1996

PUBLICATIONS-NATIONAL GUIDELINES

Stec T, Gehrie E, Kartha V, Merritt-Genore HM, Mingo H, Moolten D, Schwartz J, Stoddart L, van Buskirk C, **Berg MP**, Abels E, Tolich DJ, Leveque C, Brothers A, Varghese R, Panigrahi A, Samolyk K. Standards for Perioperative Autologous Blood Collection and Administration, 10th ed. Bethesda, AABB Press, 2022

Stec T, **Berg MP**, Puca KE, Samolyk K, van Buskirk C, Rajagopalan C, Gehrie E, Tyler L, Brothers A, Kartha V, Leveque C, Merritt-Genore HM, Mingo H. Standards for Perioperative Autologous Blood Collection and Administration, 9th ed. Bethesda, AABB Press, 2020

Berg MP, Puca KE, Dyke CM, Samolyk K, van Buskirk C, Rajagopalan C, Gehrie E, Whitman G, Prokuski L, Tyler L, Stec T. Standards for Perioperative Autologous Blood Collection and Administration, 8th ed. Bethesda, AABB Press, 2018

Berg MP, Puca KE, Buzenius K, Shander A, McCarthy H, Dyke CM, Samolyk K, van Buskirk C, Rajagopalan C. Standards for Perioperative Autologous Blood Collection and Administration, 7th ed. Bethesda, AABB Press, 2016

Puca KE, Brown S, Buzenius K, Dyga RM, Hannon T, McCarthy H, Tyler L, **Berg MP**, Prokuski LJ, Dyke CM, Shander A, Samolyk K, Puzio T. Standards for Perioperative Autologous Blood Collection and Administration, 6th ed. Bethesda, AABB Press, 2014

Puca KE, Dyga RM, Hannon T, Rios J, **Berg MP**, Prokuski LJ, DeAnda A, Shander A, Maul CR, Puzio T. Standards for Perioperative Autologous Blood Collection and Administration, 5th ed. Bethesda, AABB Press, 2013

Ilstrup SJ, Dyga RM, Rios J, **Berg, MP**, Puca KE, Spitzer AI, Vlahakes GJ, Shander A, and Perelman S. Standards for Perioperative Autologous Blood Collection and Administration, 4th ed. Bethesda, AABB Press, 2009

PUBLICATIONS-ONLINE LEARNING MODULES

Gammon R, **Berg M**, Riddle D, and Burnett-Greenup S. A module on Patient Blood Management (PBM), Perioperative Cell Salvage, and Extracorporeal Membrane Oxygenation (ECMO) for SBB Students, initially published September 2022. (https://rise.articulate.com/share/_iqbtia1NY7b4AyF-w8o5K2HmcS5RngN)

Luong PL, Litzenberger L, **Berg M**. Immunohematology Techniques for Manual Tube Testing. ASCP Webinar, available on-line for purchase through ASCP, first offered 2013

PUBLICATIONS-NOT PEER-REVIEWED

M Bielski. Biological Product Deviation Reporting: Did You Know? Newsletter of the Arizona Society of Pathologists. 2004; XV (2): 8

M Bielski. Acute Transfusion Reactions, Including Transfusion-Related Acute Lung Injury (TRALI). Newsletter of the Arizona Society of Pathologists. 2002; XIII (2), Oct 2002: 8, 11.

ABSTRACTS

Tabish N and **Berg M**: Unraveling the Consequences of Stem Cell Transplant with ABO Major Mismatch and High Titer Anti-A Antibodies with the Development of Pure Red Cell Aplasia in a Patient with Therapy-Related Acute Myeloid Leukemia. (Oral Presentation at South Central Association of Blood Banks Annual Meeting 2024, Orlando, FL)

Bellmyer A, Pruden D, Luong P, Cannon I, Ray L, and **Berg M**. Evaluation of Isohemagglutinin Titers Using Automation for Kidney Transplants (Poster presentation at AABB Annual Meeting 2021 [virtual])

McLemore L, Achrati SM, **Berg M**, Henn P, Rosser JA, Samedi V, Xu C, Westbrook LM. Pathology-Specific Residency Application Scoring Metric: An Attempt to Decrease Bias in Applicant Selection (United States and Canadian Academy of Pathology Virtual Annual Meeting. March 2021)

Ho AP, Ho BE, **Berg MP**, Draper NL, and Luong L: Unusual Case of Anti-CD36 (Nak^a) Antibodies and Extensive Review of Literature (Poster presentation at AABB Annual Meeting 2019, San Antonio, TX)

Knoeckel C, Roberts SJ, Pokrandt P, Stokes A, and **Berg M**: Prothrombin Complex Concentrate Versus Plasma in Patients with Liver Disease (Oral presentation at the Academy of Clinical Laboratory Physicians and Scientists Annual Meeting 2019, Park City, UT)

Pokrandt P, Maile M, Engoren M, Jewell E, **Berg M**, Roberts S: 4-Factor Prothrombin Complex Concentrate Administration Does Not Alter the Amount of Fresh Frozen Plasma Transfused in a 24-Hour Period (International Anesthesia Research Society Annual Meeting 2019, Montreal, QC, Canada)

Gurevich I, Keener B, **Berg M**, Kniep J: Activation Status of Pathogen Reduced Platelet Components in Plasma in Comparison with Conventional Plasma Platelet Components (Oral presentation at AABB Annual Meeting 2018, Boston, MA)

Pokrandt P, Roberts SJ, Graham C, **Berg M**: Does Actual Usage of Prothrombin Complex Concentrate Reflect Recommended Indications? A Characterization of Usage at a Tertiary Care Center. (Poster presentation at AABB Annual Meeting 2017, San Diego, CA)

Gurevich I, Pruden D, Draper NL, Kniep J, Mack S, **Berg MP**: A Hospital-Based Retrospective Cohort Haemovigilance Study of 828 INTERCEPT™ Platelet Transfusions. (Oral presentation at AABB Annual Meeting 2017, San Diego, CA)

Westbrook L, Bagamasbad N, Dilag R, Nasser M, Bauer N, Wheeler J, **Berg M**: Comparison of Terumo BCT MNC and CMNC Protocols for Peripheral Blood Stem Cell Collections. (Poster presentation at AABB Annual Meeting 2017, San Diego, CA)

Dorn DP, Staley EM, Adamski J, Biller E, **Berg M**, Shunkwiler SM, Baron BW, and Pham HP: The Apheresis Management of Patients with Solid Organ Transplantation. *Transfusion* 2016; 56 Supp S4: 84A. (Poster presentation at AABB Annual Meeting 2016, Orlando, FL)

Shunkwiler SM, Fang DC, **Berg M**, Adamski J, Weiss J, Wool G, Biller E, Ipe TS, Pham HP, Trembl A, Baron BW: The Management of Patients on Anticoagulation Therapy While Undergoing Therapeutic Plasma Exchange. *Transfusion* 2016; 56 Supp S4: 88A. (Poster presentation at AABB Annual Meeting 2016, Orlando, FL)

L Westbrook, J Roig, N Bagamasbad, R Dilag, M Nasser, S Sauthoff, and **M Berg**: Comparison of the Terumo BCT MNC and CMNC Protocols for Peripheral Blood Stem Cell Collections. *Blood* 2016; 128:5731 (ASH Annual Meeting 2016, San Diego, CA, submitted, not accepted for presentation, but published in directory)

M Berg, JA Gutman, L Vinson, NL Draper: Late Reversal of Dominance After Dual Cord Blood Transplantation. *Blood* 2016 128:5796 (ASH Annual Meeting 2016, San Diego, CA, submitted, not accepted for presentation, but published in directory)

DC Chan, Z Zhang, D, Zheng, T Chan, B Warren, J DiPaola, **M Berg**, K Horwitz, N Ahn, L Lanier, PA Bunn: Novel mechanism of immune-tolerance and cancer metastasis due to aberrant expression of Natural Killer-Cell Immunoglobulin-like Receptors (KIRs) and enhanced platelet interactions. *JTO* 2015; 10 (9) Supp 2: S255 (Oral presentation at World Lung Conference, September 2015, Denver, CO)

JE Kallan, NL Draper, D Pruden, **M Berg**: Updating the Maximum Surgical Blood Order Schedule Using Recent Surgical Data Imported from an Institution's Electronic Medical Record. *Am J Clin Pathol* 2015; 143 Supp 1: A032. (ACLPS Annual Meeting, May 2015, Minneapolis, MN)

JE Kallan, NL Draper, L Vinson, EE Moskowitz, **M Berg**: A Case of Antibody Mediated Hemolysis in a Liver Transplant Recipient Due to Passenger Lymphocyte Syndrome. *Am J Clin Pathol* 2015; 143 Supp 1: A033. (ACLPS Annual Meeting, May 2015, Minneapolis, MN)

C Wheeler, C Melland, T Le, **M Berg**, FB West: DTT Inactivation of High ABO IgM with Serial Dilution to Determine ABO IgG Antibody Titers in the Transplant Setting. *Transfusion* 2014; 54 Supp S2: 181A. (Poster presentation at AABB Annual Meeting, October 2014, Philadelphia, PA)

C Hintz, C McCarty, C Melland, K Bowman, C Kreutzer, L Keill, S Vege, CM Westhoff, **M Berg**, FB West: Molecular Testing Support to Clarify Rh and Duffy Antibodies. *Transfusion* 2014; 54 Supp S2: 148A. (Poster presentation at AABB Annual Meeting, October 2014, Philadelphia, PA)

K Matney, **M Berg**, J Falko, NL Draper: A Report of Clotting During LDL Apheresis. *Am J Clin Pathol* 2015; 142 (5): 700-723, #17. (ACLPS Annual Meeting, May 2014, San Francisco, CA)

JB Carpenter, J Gardetto, AN Bartley, and **M Berg**: Evaluation of a Proposed Classification Scheme for Acute Transfusion Reactions *Transfusion* 2008; 48 Supp: 203A-204A (Poster presentation at AABB Annual Meeting, Oct 2008, Montreal, QC, CA)

AN Bartley, JB Carpenter, and **M Berg**: Rh-D Positive Platelet Transfusions in Rh-D Negative Patients: Cause for Concern? *Transfusion* 2007; 47 Supp: 20A (Oral presentation at AABB Annual Meeting, Oct 2007, Anaheim, CA)

R Fiederlein, **M Berg**, E Katsanis, and M Graham: Assessment of Cell Recovery Obtained From Cord Blood Units From Different Banks Following Thawing and Cell Washing *Transfusion* 2007; 47 Supp: 62A (Poster presentation at AABB Annual Meeting, Oct 2007, Anaheim, CA)

MK Vaske and **M Berg**: Prospective Review of Rh and Kell Phenotypes Associated with Ethnicity at a University Medical Center. *Transfusion* 2007; 47 Supp: 151A (accepted for poster presentation at AABB Annual Meeting, Oct 2007, Anaheim, CA)

AN Bartley, D Salamon, and **M Berg**: Outcomes in Solitary Pediatric Cord Blood Transplant Recipients. *Transfusion* 2006; 46 Supp: 118A-119A (Poster presentation at AABB Annual Meeting, Oct 2006, Miami Beach, FL)

AN Bartley and **M Berg**: Transfusion Protocol for Implantation and Explantation of Cardiac Devices in an Academic Medical Center. *Am J Clin Pathol* 2006; 126: 468 (Oral presentation at ACLPS Annual Meeting, June 2006, Chicago, IL)

MK Vaske and **M Berg**: A profile of Rh antibodies and phenotypes among ethnic groups in the Southwest. *Am J Clin Pathol* 2006; 126: 466 (Oral presentation at ACLPS Annual Meeting, June 2006, Chicago, IL)

MK Vaske and **M Berg**: Retrospective Review of Antibody Identification at a University Medical Center. *Transfusion* 2005; 45 Supp: 122A-123A. (Poster presentation at AABB Annual Meeting, Oct 2005, Seattle, WA)

MK Vaske and **M Berg**: A Local Profile of Alloimmunization. *Am J Clin Pathol* 2005; 124: 461 (Oral presentation at ACLPS Annual Meeting, June 2005, Pittsburgh, PA)

M Bielski: Observations Related to the pH of Apheresis Platelets. *Transfusion*, 2004; 44 Supp: 75A. (Poster presentation at AABB Annual Meeting, Oct 2004, Baltimore, MD)

M Bielski: Two Years of New Antibody Identification. *Transfusion*, 2004; 44 Supp: 125A. (Poster presentation at AABB Annual Meeting, Oct 2004, Baltimore, MD)

L Kerby, I Cannon, J Zemetra, R Klein, and **M Bielski:** Prospective Component Utilization Review: An Update. *Transfusion*, 2003; 43 Supp: 24A. (Oral presentation at AABB Annual Meeting, Oct 2003, San Diego, CA)

J Zemetra and **M Bielski:** Use of Thawed Plasma in Massive Transfusion. *Transfusion*, 2000; 40 Supp: 45S. (Oral presentation at AABB Annual Meeting, Oct 2000, Washington, DC)

R Covin and **M Bielski:** Prospective Component Utilization Review: The Impact of Not Transfusing. *Transfusion*, 1999; 39 Supp: 96S. (Oral presentation at AABB Annual Meeting, Oct 1999, San Francisco, CA)

J Zemetra and **M Bielski:** Evaluation of the Use of Thawed Plasma to Reduce Plasma Wastage. *Transfusion*, 1999; 39 Supp: 59S. (Poster presentation at AABB Annual Meeting, Oct 1999, San Francisco, CA)

J Barnes and **M Bielski:** Critical aPTT Values: Evaluating the Need for a Laboratory-Specific Heparin Response Curve. *Am J Clin Pathol*, 1998; 110: 539. (Poster presentation at ASCP Annual Meeting, Sept 1998, Washington, DC)

GRANTS & CONTRACTS

Bacterial Contamination Study (BCS) Platelet PGD Test (COMIRB Protocol 09-0656): Post-Market Surveillance for Verax Biomedical, Incorporated (Worcester, MA) to test apheresis platelet units using the PGD test to detect bacterial contamination. (Material support 09/2009-03/2010)

A Pilot Study for Collection of Anti-Influenza A H1N1 Immune Plasma (Short Title: H1N1Plasma, Protocol IRC001, Site Number 6101); PI: Thomas Campbell, MD: NIH-funded multi-center trial to collect plasma from people immune to H1N1 influenza for use in reagent manufacturing and re-infusion into critically ill patients. (2010-2011)

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 (Protocol IRC005, IND 14,229); PI: Michelle Barron, MD: NIAID funded multi-center trial to transfuse plasma from people who have recovered from influenza to patients in need of treatment for influenza. (Material support 2015-2018)

Clinical-trial of COVID-19 Convalescent Plasma in Outpatients: A multi-center, two-arm, randomized, single-blind clinical trial to determine if receiving one dose of convalescent plasma for mild COVID-19 illness prevents illness progression (Advarra Protocol 00044489, C3PO, COMIRB 20-1693); site PI: Adit Ginde: Multi-center clinical trial supported by the SIREN clinical trials network and sponsored by grants from the NHLBI and NINDS that compares outcomes for patients who present to the emergency department with documented COVID-19 illness and receive either COVID-19 convalescent plasma or a placebo consisting of IV fluid containing multiple vitamins. (Material support 2020-2021)

Passive Immunity Trial for Our Nation: A multi-center, blinded, placebo-controlled randomized clinical trial to determine if receiving one dose of convalescent plasma for COVID-19 illness in patients who present to emergency departments and require hospital admission can mitigate disease progression (Acronym 'PassItOn' Protocol 200738, NCTI # NCT04362176, COMIRB 20-2149) site PI: Adit Ginde, funded by the NIH, the national Center for Advancing Translational Sciences (NCATS), and the Dolly Parton COVID-19 Research Fund (Material support 2020-2021)

A Randomized, Double-Blinded, Controlled, Parallel Group, Non-inferiority, Phase III Study to Evaluate the Efficacy and Safety of the INTERCEPT Blood System for Red Blood Cells in Subjects Undergoing Complex Cardiac Surgery Procedures (PROTOCOL CLI00125, the ReCePI study); Co-PIs: T. Brett Reece and Barbara Wilkey. Industry-sponsored multi-center trial to compare outcomes in patients who receive pathogen-reduced red blood cell units versus standard red blood cell units during complex cardiac surgery. (Material support 2019-2023)

Randomized Controlled Trial Comparing Dimethyl Sulfoxide Cryopreserved Platelets to Liquid Stored Platelets in Patients Undergoing Cardiopulmonary Bypass Surgery (CRYPTICS, Cellphire Protocol S-16-25) site PI: Brett Reece. Industry and BARDA sponsored multi-center trial to compare outcomes in patients who receive frozen platelet units versus standard liquid apheresis platelet units during complex cardiac surgery. (Material support 2022-present)