

CURRICULUM VITAE

NAME: Barbara Jean Bryant, MD, FCAP, FASCP

PRESENT POSITION AND ADDRESS: Chief, Department of Transfusion Medicine
and Center for Cellular Engineering
Clinical Center
National Institutes of Health
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Bethesda, Maryland 20892-1184
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EDUCATION:

8/1996-5/2000	University of Texas Medical Branch at Galveston <i>Doctor of Medicine</i>	Galveston, Texas
8/1994-12/1995	University of Texas at Arlington <i>Post-baccalaureate studies</i>	Arlington, Texas
11/1983-12/1984	School of Blood Bank Technology (Baptist Hospital) <i>Specialist, Blood Banking</i>	New Orleans, Louisiana
1/1979-12/1979	School of Medical Technology (Charity Hospital) <i>Clinical Internship, Medical Technology</i>	New Orleans, Louisiana
6/1975-12/1979	Louisiana State University Medical Center University of New Orleans <i>Bachelor of Science, Medical Technology</i>	New Orleans, Louisiana

POSTDOCTORAL TRAINING (GME):

7/2005-6/2007	National Institutes of Health <i>Clinical Fellow, Department of Transfusion Medicine</i>	Bethesda, Maryland
6/2000-6/2005	University of Texas Medical Branch at Galveston <i>Resident, Department of Pathology</i>	Galveston, Texas

BOARD CERTIFICATIONS:

Diplomate, American Board of Pathology, Blood Banking/Transfusion Medicine, 2006, 2016
Diplomate, American Board of Pathology, Clinical Pathology, 2005
Specialist in Blood Banking, American Society of Clinical Pathologists, 1985 – present
Blood Bank Certification, American Society of Clinical Pathologists, 1983 – present
Medical Technologist, American Society of Clinical Pathologists, 1980 – present

LICENSURE INFORMATION:

Texas Board of Medical Examiners, Medical License, 2005 – present

Wisconsin Department of Safety and Professional Services, Medical License, 2013 – 2017

Illinois Dept of Financial and Professional Regulation, Medical License, 2015 – 2017

Indiana Professional Licensing Agency, Medical License, 2015 – 2017

PROFESSIONAL WORK HISTORY:

Chief, Department of Transfusion
Medicine and Center for
Cellular Engineering National Institutes of Health, Clinical Center; Bethesda, MD
January 2021 – present

Owner and CEO Transfusion Medicine Solutions, LLC
March 2020 – October 2020

Adjunct Professor, Department of
Clinical Laboratory Sciences University of Texas Medical Branch; Galveston, Texas
May 2013 – October 2020

Medical Director, Specialist in
Blood Bank Technology Program April 2016 – October 2020

Medical Director, Masters in
Transfusion Medicine Program April 2016 – October 2020

Professor (tenured), Pathology: University of Texas Medical Branch; Galveston, Texas
April 2016 – February 2020

Medical Director, Transfusion
Medicine and Apheresis April 2016 – February 2020

Director, Quality Management April 2016 – February 2020

Medical Laboratory Director,
Angleton Danbury Hospital April 2016 – February 2020

Blood Bank Medical Director,
Walking Blood Bank
Polar Medical Operations,
Antarctica April 2016 – February 2020

Director, Academy of Master
Clinicians September 2018 – February 2020

Vice Chair, Department of April 2016 – September 2019

Pathology

Medical Director, Clinical Laboratory Services	April 2016 – September 2019
CLIA Director:	
UTMB Galveston Hospital	July 2017– September 2019
UTMB League City Hospital	July 2017– July 2018
UTMB Angleton/Danbury Hospital	July 2017 – February 2020
Vice President, Transfusion Medicine	BloodCenter of Wisconsin; Milwaukee, Wisconsin April 2013 – April 2016
Professor, Department of Pathology	Medical College of Wisconsin; Milwaukee, Wisconsin October 2013 – April 2016
Clinical Investigator	Blood Research Institute BloodCenter of Wisconsin; Milwaukee, Wisconsin May 2014 – April 2016
Interim Clinical Medical Director	Heartland Blood Center; Chicago, Illinois August 2015 – April 2016
Associate Professor, Pathology:	University of Texas Medical Branch; Galveston, Texas September 2008 – March 2013
Associate Director, Blood Bank Division	September 2008 – March 2013
Associate Director, Pathology Residency Training Program	January 2009 – August 2011
Medical Director, Specialist in Blood Bank Technology Program	March 2009 – March 2013
Interim Director, Hematopathology Division	July 2009 – March 2010
Director, Coagulation Consult Service	March 2009 – March 2013
Tenure Awarded	March 2010

Director, Clinical Pathology Residency Program	September 2011 – March 2013
Associate Professor, Department of Clinical Laboratory Services	December 2011 – March 2013
Volunteer Physician, Department of Transfusion Medicine	National Institutes of Health; Bethesda, Maryland August 2008 – August 2011
Staff Physician, Department of Transfusion Medicine	National Institutes of Health; Bethesda, Maryland June 2007– August 2008
Transfusion Medicine Fellow	National Institutes of Health; Bethesda, Maryland July 2005 to June 2007
Chief Resident of Anatomical and Clinical Pathology	University of Texas Medical Branch; Galveston, Texas July 2003 to June 2005
Pathology Resident	University of Texas Medical Branch; Galveston, Texas June 2000 to June 2005
Blood Bank Manager	Methodist Medical Center; Dallas, Texas October 1988 to August 1994
Blood Bank Assistant Supervisor	Methodist Medical Center; Dallas, Texas October 1987 to October 1988
Laboratory Manager	St. Jude Medical Center; Kenner, Louisiana June 1985 to October 1987
Blood Bank Supervisor	St. Jude Medical Center; Kenner, Louisiana February 1985 to September 1986
Blood Bank Medical Technologist	Southern Baptist Hospital; New Orleans, Louisiana November 1983 to February 1985
Blood Bank Medical Technologist	East Jefferson Hospital; Metairie, Louisiana September 1981 to November 1983

Blood Bank Medical Technologist

Charity Hospital New Orleans; New Orleans, Louisiana
December 1979 to July 1981

ACADEMIC TEACHING EXPERIENCE:

1. 1980 to 1981 - Louisiana State University Medical Center/Charity Hospital, Medical Technology Allied Health Program, New Orleans, Louisiana. Laboratory Instructor.
2. 1985 - Louisiana State University Medical Center/Charity Hospital, Medical Technology Allied Health Program, New Orleans, Louisiana. Lecturer.
3. 1985 to 1987 – Charity Hospital, Southern Baptist Hospital, and Ochsner Hospital, Specialist in Blood Bank Technology Programs, New Orleans, Louisiana. Lecturer.
4. 1987 to 1994 - Methodist Medical Center, Department of Nursing, Dallas, Texas. Lecturer.
5. 1990 – St. Luke’s Episcopal Hospital, Specialist in Blood Bank Technology Program, Houston, Texas. Lecturer.
6. 1993 to 1994 - University of Texas Southwestern Medical Center, Allied Health Program, Dallas, Texas. Laboratory Instructor and Lecturer.
7. 2000 to 2003 – University of Texas Medical Branch, School of Health Professions, Specialist in Blood Bank Technology Program, Galveston, Texas. Lecturer.
8. 2000 to 2005 – University of Texas Medical Branch, Pathology Residency Program, Galveston, Texas. Lecturer.
9. 2000 to 2005 - University of Texas Medical Branch, School of Medicine, Galveston, Texas; Pathology and Histology, Cardiovascular, Respiratory, Gastrointestinal, and Pathobiology and Host Defense Laboratory Courses for Medical Students. Lab Instructor.
10. 2005 to 2006 – National Institutes of Health, Specialist in Blood Bank Technology Program, Bethesda, Maryland. Lecturer.
11. 2005 to 2006 – National Institutes of Health, Transfusion Medicine and Hematology Fellowship Programs, Bethesda, Maryland. Lecturer.
12. 2008 to 2013 – University of Texas Medical Branch, Pathology Residency Program, Galveston, Texas. Clinical teaching of pathology residents.
13. 2008 to 2013 – University of Texas Medical Branch, Pathology, Surgery, Internal Medicine, Pediatric, Family Medicine, OB/Gyn, Hematology/Oncology, Nephrology Residency/Fellowship Programs, Galveston, Texas. Lecturer.
14. 2008 to 2013 – University of Texas Medical Branch, School of Medicine, Galveston, Texas. Clinical teaching of medical students.
15. 2008 to 2010 – University of Texas Medical Branch, School of Medicine, Galveston, Texas; Pathology and Histology, Cardiovascular, Respiratory, Gastrointestinal, and Pathobiology and Host Defense Laboratory Courses for Medical Students. Lab Instructor.
16. 2009 to 2013 – University of Texas Medical Branch, School of Medicine, Galveston, Texas; Integrated Curriculum Evaluation Exercise (ICEE). Faculty.
17. 2009 to 2013 – University of Texas Medical Branch, School of Medicine, Galveston, Texas; Dermatology, Hematology, and Musculoskeletal Course. Lecturer.
18. 2009 to 2013 – University of Texas Medical Branch, Experimental Pathology Graduate Program, Galveston, Texas; Basic Human Pathobiology (PATH6266). Lecturer.
19. 2009 to 2013 – University of Texas Medical Branch, School of Medicine, Galveston, Texas; Dermatology, Hematology, and Musculoskeletal Course. Co-Director.
20. 2009 to 2013 – University of Texas Medical Branch, School of Health Professions, Galveston, Texas. Clinical teaching, lecturing, and mentoring of Clinical Laboratory Specialist and Specialist in Blood Bank Technology students.

21. 2009 to 2013 – University of Texas Medical Branch, School of Health Professions, Galveston, Texas; Clinical Laboratory Science Students, Management and Professionalism Series. Lecturer.
22. 2010 – University of Texas Medical Branch, School of Medicine, Galveston, Texas; Pharmacology for the Board Review Sessions. Lecturer.
23. 2011 to 2013 – University of Texas Medical Branch, School of Medicine, Galveston, Texas; Microanatomy, Cells, and Tissues. Lecturer.
24. 4/2013 to 4/2016 – Medical College of Wisconsin and BloodCenter of Wisconsin, Transfusion Medicine/Blood Banking Fellowship Program, Milwaukee, WI. Lecturer.
25. 4/2013 to 4/2016 – Medical College of Wisconsin, School of Medicine Milwaukee, WI. Clinical teaching of medical students.
26. 4/2013 to 4/2016 – Medical College of Wisconsin, Pathology Residency Program, Milwaukee, WI. Clinical teaching of residents.
27. 4/2016 to 2/2020 – University of Texas Medical Branch, School of Medicine, Galveston, Texas; Dermatology, Hematology, and Musculoskeletal Course – 2nd year SOM Course. Co-Director.
28. 4/2016 to 2/2020 – University of Texas Medical Branch, Pathology Residency Program, Galveston, Texas. Clinical teaching of pathology residents; Lecturer for Transfusion Medicine, Benign Hematology, and Coagulation Courses.
29. 4/2016 to 2/2020 – University of Texas Medical Branch, School of Health Professions, Galveston, Texas. Clinical teaching of Doctorate in Clinical Laboratory Sciences students; Lecturer for Hematology and Transfusion Medicine Courses.

RESEARCH ACTIVITIES:

NIH Intramural Funded Research (Past)

Principal Investigator, Research Protocol:

Bryant BJ, Yau YY, Hopkins J, Leitman SF. Iron Replacement in Blood Donors. Approved by the IRB of the National Heart, Lung, and Blood Institute, Protocol # 06-CC-0166; 2006, 2007, 2008, 2009.

Principal Investigator, Research Protocol:

Bryant BJ, Yau, YY, Arceo SM, Hopkins JA, Leitman, SF. Position and Donation Rate. Approved by the IRB of the National Heart, Lung, and Blood Institute, Protocol #08-CC-0206; 2008, 2009.

NIH Extramural Grant Supported Research (Past)

1RO1HL 105809-01 – National Institutes of Health, National Heart, Lung, and Blood Institute. “Caring for Those Who Share: Mitigating Iron Deficiency in Regular Blood Donors.” Co-Principal Investigator: **Barbara J. Bryant, MD** at 10% effort. 2011-2016.

Applied Research (Industry) (Past)

A Randomized, Controlled, Single-Blind, 2-Period Crossover Study to Assess the Recovery and Lifespan of Radiolabeled Autologous S-303 Treated Red Blood Cells. Cerus Corporation and BloodCenter of Wisconsin. Sub-Investigator: **Barbara J. Bryant, MD**. 2013-2015.

One- or Two-Day Collection of Peripheral Blood Mononuclear Cells by Leukapheresis from G-CSF Mobilized Health Subjects. Cellerant Inc. and BloodCenter of Wisconsin. Sub-Investigator: **Barbara J. Bryant, MD.** 2016-2016.

Qualification for Treatment of Apheresis Platelets with the INTERCEPT Blood System for Platelets. Cerus Corporation and BloodCenter of Wisconsin. Sub-Investigator: **Barbara J. Bryant, MD.** 2013-2014.

A Prospective, Randomized, *In Vitro* Study of Apheresis Platelets Prepared with Photochemical Treatment Compared to Untreated Apheresis Platelets. Cerus Corporation and BloodCenter of Wisconsin. Principal Investigator: **Barbara J. Bryant, MD.** 2013-2014.

In Vitro Study of the Macopharma Leukocyte Reduction System for Red Blood Cells as Used for the Collection of Whole Blood and Subsequent Preparation of Leukocyte Reduced AS-1 Red Blood Cells Within 48 Hours of Collection. Macopharma and BloodCenter of Wisconsin. Principal Investigator: **Barbara J. Bryant, MD.** 2014-2015.

Clinical Investigation to Evaluate the Haemonetics LeukoSep Leukocyte Reduction Filtration System for Whole Blood with CPD Anticogulant and SOLX Additive – Pivotal Trial (TP-CLN-100331B). Haemonetics Corporation and BloodCenter of Wisconsin. Principal Investigator: **Barbara J. Bryant, MD.** 2014-2015.

In Vitro Study of Platelets Collected on Trima Accel System and Stored in InterSol Solution. Terumo Corporation and BloodCenter of Wisconsin. Principal Investigator: **Barbara J. Bryant, MD.** 2014-2015.

In Vitro Platelet Function in 100% Plasma Amicus Plateletpheresis Units After Photochemical Treatment Using the Dual Storage Set (REL-P 00456). Cerus Corporation and BloodCenter of Wisconsin. Principal Investigator: **Barbara J. Bryant, MD.** 2014-2015.

COMMITTEE RESPONSIBILITIES:

International

1. AABB (formerly known as the American Association of Blood Banks), Selection of Abstracts Program Unit, Member, 2008 – present.
2. AABB, Scientific Section Coordinating Committee, Member, 2008 – 2010.
3. AABB, Scientific Section Coordinating Committee, Secretary, 2009 – 2010.
4. AABB, Transfusion Medicine Section Coordinating Committee, Member, 2010 – 2014.
5. AABB, Transfusion Medicine Section Coordinating Committee, Secretary, 2010 – 2014.
6. AABB, Press Editorial Board, 2015 – 2016.
7. AABB, Patient Blood Management Education Program Unit, Chair, 2015 – 2016.
8. AABB, Education Program Committee, Member, 2015 – 2016.
9. AABB, Strategic Abstract Working Group, PBM EPU Liaison, 2015 – 2016.
10. AABB, Publication Committee, Member, 2015 – 2016.
11. AABB, Board of Directors, 2016 – 2020.
12. AABB, Education and Operations Council, 2016-2017.

13. AABB, Clinical, Scientific and Regulatory Council, 2017 – 2020.
14. AABB, Governance Committee, 2016 – 2020.
15. AABB, Finance Committee, 2018 – 2020.
16. AABB, Standards and Regulatory Committee, 2018 – 2020.

National

1. American Society for Clinical Pathologists, Resident Liaison, 2000 – 2005.
2. State of the Science Symposium Blood Donor Working Group, Member, 2014.
3. American Society of Hematology, Abstract Reviewer/Committee, 2015.
4. US Food and Drug Administration, Blood Product Advisory Committee (FDA BPAC), 2019 – present.
5. US Department of Health and Human Services, Advisory Committee on Blood and Tissue Safety and Availability Subcommittee Working Group, Co-Chair, 2020.

State/Regional

1. Texas Medical Association, Blood and Tissue Usage Committee, Member, 2002 – 2005.
2. Texas Society of Pathologists, Resident Liaison, 2000 – 2002.
3. South Central Association of Blood Banks Technical/Scientific Committee, Physician Liaison, 2009 – present.
4. Texas Medical Association, Blood and Tissue Usage Committee, Member, 2010 – 2013.
5. Gulf Coast Regional Blood Center Education and Research Committee, 2010 – 2013.
6. South Central Association of Blood Banks, District Director at Large, 2013 – 2016.
7. South Central Association of Blood Banks, Board of Directors, 2013 – present.
8. South Central Association of Blood Banks Technical/Scientific Committee, Co-Chairman, 2013 – 2015.
9. South Central Association of Blood Banks Technical/Scientific Committee, Member, 2013 – present.
10. South Central Association of Blood Banks Membership Committee, Member, 2014 – present.
11. South Central Association of Blood Banks Administrative Committee, Co-Chairman, 2015 – 2016.
12. South Central Association of Blood Banks, Board of Directors, Secretary, 2016 – 2017.
13. South Central Association of Blood Banks, Board of Directors, Vice President, 2017 – 2018.
14. South Central Association of Blood Banks, Board of Directors, President-elect. 2018 – 2019.
15. South Central Association of Blood Banks, Board of Directors, President, 2019 – 2020.
16. South Central Association of Blood Banks, Board of Directors, Past President, 2020 – present.

UTMB

1. University of Texas Medical Branch Institutional Ethics Committee, Member, 1999 – 2005.
2. University of Texas Medical Branch Chief Resident Committee, Member, 2003 – 2005.
3. University of Texas Medical Branch Chief Resident Committee, Vice-Chair, 2004 – 2005.
4. University of Texas Medical Branch Graduate Medical Education Committee, Member, 2003 – 2005.
5. University of Texas Medical Branch Transfusion Committee, Member, 2009 – 2013.
6. University of Texas Medical Branch Resuscitation Committee, Member, 2009 – 2013.

7. University of Texas Medical Branch Course Committee –Basic Human Pathobiology PATH 6266, Member, 2009 – 2013.
8. University of Texas Medical Branch Clinical Laboratory Science Advisory Committee, Member, 2009 – 2013.
9. University of Texas Medical Branch School of Medicine Course Committee – Dermatology, Hematology, Musculoskeletal, Member, 2009 – 2013.
10. University of Texas Medical Branch School of Medicine Course Director’s Committee – Member, 2009 – 2013.
11. University of Texas Medical Branch Specialist in Blood Banking Advisory Committee, Member, 2009 – present.
12. University of Texas Medical Branch Medical Service Research and Development Plan (MSRDP) Budget and Finance Committee, 2009 – 2010.
13. University of Texas Medical Branch Quality of Care Committee, Member, 2009 – 2010.
14. University of Texas Medical Branch Pathology Education Leadership Committee, Member, 2009 – 2013.
15. University of Texas Medical Branch Pathology Medical Education Committee – Pre-Clinical, Member, 2010 – 2013.
16. University of Texas Medical Branch Pathology Medical Education Committee – Clinical, Member, 2010 – 2013.
17. University of Texas Medical Branch Pathology Clinical Services Quality Management Committee, Member, 2010 – 2013.
18. University of Texas Medical Branch Dean’s Faculty Group Practice Financial Advisory Committee, 2010 – 2011.
19. University of Texas Medical Branch School of Medicine Faculty Senate Representative, 2010 – 2012.
20. University of Texas Medical Branch School of Medicine Faculty Governance Committee, Co-Chair, 2010 – 2012.
21. University of Texas Medical Branch Molecular Pathology Task Force, 2010.
22. University of Texas Medical Branch Graduate Medical Education Committee, 2011– 2013.
23. University of Texas Medical Branch Medical Staff Executive Committee, 2012 – 2013.
24. University of Texas Medical Branch Transfusion Committee, Co-Chair, 2016 – 2020.
25. University of Texas Medical Branch Vice Chair Committee, 2016 – 2020.
26. University of Texas Medical Branch Residency Advisory Committee, 2016 – 2020.
27. University of Texas Medical Branch Blood Borne Pathogen Committee, 2016 – 2020.
28. University of Texas Medical Branch Faculty Compensation Committee, 2016 – 2020.
29. University of Texas Medical Branch Quality of Care Committee, 2016 – 2020.
30. University of Texas Medical Branch School of Medicine Course Director Committee, 2016 – 2020.
31. University of Texas Medical Branch Clinical Laboratory Science Advisory Committee, Member, 2016 – 2020.
32. University of Texas Medical Branch Specialist in Blood Banking Advisory Committee, Member, 2016 –2020.
33. University of Texas Medical Branch High Value Practice Academic Alliance Blood Stewardship Pillar Committee, 2018 – 2020.
34. University of Texas Medical Branch Academy of Master Clinicians Executive Committee, 2018 – 2020.
35. University of Texas Medical Branch Academy of Master Teachers Advisory Board, 2019 – 2020.
36. University of Texas Medical Branch Roberto Logrono, MD Professionalism in Medicine Committee, 2019 – 2020.

TEACHING and MENTORSHIP RESPONSIBILITIES

A. TEACHING RESPONSIBILITIES AT UTMB:

1. Teaching:

a. School of Medicine – Medical Students

- i. 2000 - 2005 – Pathology and Histology, Cardiovascular, Respiratory, Gastrointestinal, and Pathobiology and Host Defense Laboratory Courses. Lab Instructor.
- ii. 2008 - 2010 – Pathology and Histology, Cardiovascular, Respiratory, Gastrointestinal, and Pathobiology and Host Defense Laboratory Courses. Lab Instructor.
- iii. 2009 - 2013 – Integrated Curriculum Evaluation Exercise (ICEE). Faculty
- iv. 2009 - 2013 – Dermatology, Hematology, and Musculoskeletal Course. Lecturer.
- v. 2009 - 2013 – Dermatology, Hematology, and Musculoskeletal Course. Co-Director.
- vi. 2009 - 2013 – Clinical teaching of medical students.
- vii. 2010 - Pharmacology for the Board Review Sessions. Lecturer.
- viii. 2011 - 2013 – Microanatomy, Cells, and Tissues, Lecturer.
- ix. 2016 - 2020– Dermatology, Hematology, and Musculoskeletal Course. Co-Director.

b. School of Medicine – Residents

- i. 2000 - 2005 – Blood Bank Didactic Series. Lecturer.
- ii. 2008 - 2013 – Clinical teaching of pathology residents.
- iii. 2008 - 2013 – Blood Bank Didactic Series. Lecturer.

c. School of Health Professions – Clinical Laboratory Science Students

- i. 2009 - 2013 – Management and Professionalism Series. Lecturer.

d. School of Health Professions – Specialist in Blood Banking Students

- i. 2000 - 2003 – Blood Bank Didactic Series. Lecturer.
- ii. 2009 - 2013 – Clinical teaching of Specialist in Blood Bank Technology students.
- iii. 2009 - 2013 – Blood Bank Didactic Series. Lecturer.

e. School of Health Professions – Doctorate in Clinical Laboratory Science Students

- i. 2016 - present – Hematology Didactic Series. Lecturer.
- ii. 2017 - present – Transfusion Medicine Didactic Series. Lecturer.

f. Graduate School

- i. 2009 - 2013 – Basic Human Pathobiology (PATH6266). Lecturer.

- g. School of Health Professions – Specialist in Blood Banking Students Faculty Advisor
 - i. 2008 - 2009 – 16 students
 - ii. 2009 - 2010 – 13 students
 - iii. 2010 - 2011 – 14 students
 - iv. 2011 - 2012 – 14 students
 - v. 2012 - 2013 – 27 students
 - vi. 2013 - 2014 – 1 student
 - vii. 2016 - 2017 – 24 students
 - viii. 2017 - 2018 – 22 students
 - ix. 2018 - 2019 – 18 students
 - x. 2019 - 2020 – 20 students
 - xi. 2020 - 2021 – 19 students
- h. School of Health Professions – Masters in Transfusion Medicine
 - i. 2013 - 2020 – Faculty Advisor and Mentor
- i. School of Health Professions – Masters in Clinical Laboratory Sciences
 - i. 2016 - 2020 – Faculty Advisor and Mentor
- j. School of Health Professions – Doctorate in Clinical Laboratory Sciences
 - i. 2016 - 2020 – Faculty Advisor and Mentor
- k. Graduate School – Doctorate Program
 - i. 2010 - 2017 – Faculty Advisor and Mentor
- l. Ph.D. Supervisory Committee for Preventative Medicine Community Health
 - i. 2010 - 2017 – Member, Advisor, and Mentor

B. TEACHING RESPONSIBILITIES AT BLOODCENTER OF WISCONSIN and MEDICAL COLLEGE OF WISCONSIN:

- 1. Teaching:
 - a. School of Medicine – Medical Students
 - i. 2013 - 2016 – Clinical teaching of medical students
 - b. School of Medicine – Residents
 - i. 2013 - 2016 – Clinical teaching of pathology residents
 - c. School of Medicine and BCW
 - i. 2013 - 2016 – Clinical teaching of transfusion medicine fellows

MEMBERSHIP IN SCIENTIFIC SOCIETIES/PROFESSIONAL ORGANIZATIONS: (* denotes elected membership)

- 1. Alpha Omega Alpha Medical Honor Society, 2000 – present*

2. AABB (previously known as American Association of Blood Banks), Member, 1983 – present
3. American Medical Association, Member, 1996 – 2009
4. American Medical Association Women Physician Congress, Member, 1999 – 2009
5. American Medical Women’s Association, Member, 1996 – 2000
6. American Society for Clinical Pathologists, Member, 1979 – present
7. American Society for Clinical Pathologists, Fellow (FASCP), 2006 – present*
8. American Society of Hematology, Member, 2009 – present*
9. College of American Pathologists, Member, 2000 – present
10. College of American Pathologists, Fellow (FCAP), 2006 – present*
11. Galveston County Medical Society, Member, 2000 – 2005, 2009 – 2013, 2017 – present
12. Houston Society of Clinical Pathologists, Member, 2001 – 2005
13. Texas Medical Association, Member, 1997 – 2009, 2010 – present
14. Texas Society of Pathologists, Member, 2000 – 2005*
15. United States and Canadian Academy of Pathology, Member, 2000 – 2008*
16. University of Texas Medical Branch Alumni Association, 2000 – present
17. South Central Association of Blood Banks, 2009 – present
18. International Society for Thrombosis and Hemostasis, 2009 – 2014
19. American Society of Hematology, 2009 – present
20. Invitational Conference for Investigative Immunohematologists, 2013 – present
21. Society for the Advancement of Blood Management, 2013 – 2016
22. Trauma, Hemostasis, and Oxygenation Research, 2018 – present
23. International Society of Blood Transfusion, 2019 – present

HONORS:

A. ACADEMIC ACHIEVEMENTS, HONORS, AND AWARDS IN MEDICAL SCHOOL

- Dean’s List: University of Texas Medical Branch, School of Medicine, 1997-1999
- Honors: Alpha Omega Alpha Medical Honor Society, 1999
- Awards: AMWA’s Janet M. Glasgow Achievement Citation, 2000
The L. Clarke Stout, Jr. Award for Excellence in Pathology, 2000
First Place in University of Texas Medical Branch Clinical Vignette Competition, 1999
First Place in Statewide Clinical Vignette Competition, 1999
Winner in National Clinical Vignette Competition, 2000

B. AWARDS/HONORS DURING RESIDENCY

- University of Texas Medical Branch Outstanding First Year Resident, 2000-2001
Excellence in Patient Service, 2001-2002, 2002-2003, 2003-2004
Excellence in Teaching, 2003-2004, 2004-2005
University of Texas Medical Branch 2nd Place Pathology Award for Applied/Clinical Research, 2005

C. AWARDS/HONORS DURING FELLOWSHIP

- AABB-Fenwal Transfusion Medicine Scholarship Award, 2007

European Commission's Marie Curie Actions Scholarship, European School of Haematology - Club du Globule Rouge et du Fer Euroconference, Disorders of Iron Homeostasis, Erythrocytes, and Erythropoiesis, Athens, Greece, 2007

D. AWARDS/HONORS AS UTMB FACULTY

Best Clinical Pathology Faculty, 2009-2010
Faculty Marshall, School of Medicine Commencement 2010
Elected to UTMB Faculty Senate, July 2011
Keynote Speaker - Professionalism Ceremony. University of Texas Medical Branch, School of Health Professions, Clinical Laboratory Science Program, September 2011
Jack B. Alperin Award for Outstanding Support and Dedication to the Specialist in Blood Banking Technology Program, March 2012
Elected to UTMB Medical Staff Executive Committee, July 2012 – April 2013
Presidential Cabinet Award Winner, 2016
Academy of Master Clinicians, March 2018
Keynote Speaker – Graduation and White Coat Ceremony. University of Texas Medical Branch, School of Health Professions, Clinical Laboratory Science Program, August 2018
Director, Academy of Master Clinicians, September 2018 – present
Rose Grundfest Schneider, PhD Award, February 2020

E. ADDITIONAL AWARDS/HONORS

Larry L. Trow Memorial Education Award, South Central Association of Blood Banks, April 2013
Roberto Logrono, MD Award for Professionalism in Medicine, Citation of Merit, University of Texas Medical Branch, April 2013
Texas Super Doctor, Rising Star Award, Texas Monthly, July 2013
Stubbins Memorial Award and Lecturer, University of Texas Medical Branch, March 2016
AABB 2016 Professional Engagement Program – Rising Star Award
AABB 2016 Sally Frank Memorial Award and Lectureship, AABB Annual Meeting, October 2016
SCABB Technical Scientific Award Lecturer, SCABB Annual Meeting, May 2017

ADDITIONAL INFORMATION:

Laboratory Inspector, College of American Pathologists, 1987 - 1996, 2002 – present
Inspector/Assessor, American Association of Blood Banks, 1992 -1996, 2002 – 2013
Journal Reviewer for *Transfusion*, 2005 – present
Journal Reviewer for *Zoonosis and Public Health*, 2008
Journal Reviewer for *Vox Sanguinis*, 2012 – present
Journal Reviewer for *Immunohematology*, 2013 – present

Journal Reviewer for *Pediatrics*, 2019 – present

Journal Reviewer for *Blood*, 2019 – present

Resident In-Service Examination (RISE), Clinical Pathology (Blood Bank, Coagulation, Hematology, Molecular Diagnostic) Questions, 2005 – 2013

Fellow In-Service Hematopathology Examination, Hematology Questions, 2007– 2013

Scientific Reviewer, Blood Safety Products-1 Peer Review Panel, Deployment Related Medical Research Program, Congressionally Directed Medical Research Programs, Department of Defense, 2008

Immunohematology Editorial Board, 2013 - present

AABB (formerly known as American Association of Blood Banks) Press Editorial Board, Member, 2015 – 2016

PUBLICATIONS:

A. ARTICLES IN PEER-REVIEWED JOURNALS:

1. Raja V, **Bryant B**, Bessman JD, Alperin JB. Granulocytic sarcoma: presentation with nodal and skin involvement. *Journal of Clinical Oncology* 2004;22:2026-7.
2. Payne DA, **Bryant BJ**. HIV pharmacogenomics: closer to personalized therapy? *American Journal of Pharmacogenomics* 2004;4:141-50.
3. **Bryant BJ**, Alperin JB, Indrikovs AJ. Blood bank on-call physician's experience at a large university medical center. *Transfusion* 2005;45:35-40.
4. Weber S, **Bryant BJ**, Indrikovs AJ. Sequestration of anti-Cr^a in the placenta: serological demonstration by placental elution. *Transfusion* 2005;45:1327-1330.
5. **Bryant BJ**, Payne DA. "Possible" resistance: comparison of possible resistance results derived from a genotype report versus the IC50 virtual phenotype. *Laboratory Medicine* 2007;38:26-28.
6. **Bryant BJ**, Elghetany MT, Alperin JB. Paraplegia as the presenting manifestation of extramedullary megakaryoblastic transformation of previously undiagnosed chronic myelogenous leukemia. *American Journal of Hematology* 2007;82:150-154.
7. **Bryant BJ**, Klein HG. Pathogen inactivation – the definitive safeguard for the blood supply. *Archives of Pathology and Laboratory Medicine* 2007;131:719-733, cover.
8. **Bryant BJ**, Conry-Cantilena C, Ahlgren A, Felice A, Stroncek DF, Gibble J, Leitman SF. *Pasteurella multocida* bacteremia in asymptomatic plateletpheresis donors: tale of two cats. *Transfusion* 2007;47(11):1984-1989.
9. **Bryant BJ**, Bianchi M, Stroncek DF, Leitman SF. Leukoreduction filtration of whole blood units from sickle trait donors: effects of a metered citrate anticoagulant system. *Transfusion* 2007;47(12):2233-2241.
10. Allison RD, **Bryant BJ**, Vasu S, Leitman SF. Iron reduction and cardiovascular outcomes. *J Am Med Assoc* 2007;297:2075-2076(Letter).

11. Ackley R, Lee-Stroka H, **Bryant B**, Stroncek D, Byrne K. Cryopreserving and deglycerolizing sickle cell trait red blood cell components using an automated cell processing system. *Immunohematology* 2008;24:107-112.
12. Al-Rahawan MM, Alter BP, **Bryant BJ**, Elghetany MT. Bone marrow cell cycle markers in inherited bone marrow failure syndromes. *Leukemia Research* 2008;32:1793-1799.
13. Klein HG, **Bryant BJ**. Pathogen-reduction methods: advantages and limits. *ISBT Science Series Vox Sang* 2009;4:154-160, cover.
14. **Bryant BJ**, Klein HG. Cyclosporine-induced microangiopathic hemolytic anemia during stem cell transplantation: Color-coordinated management by therapeutic plasma exchange and rifampin. *Transfusion* 2009;49:1291-1292.
15. **Bryant BJ**, Hopkins JA, Leitman SF. Evaluation of low red cell mean corpuscular volume in an apheresis donor population. *Transfusion* 2009;49:1971-1976.
16. **Bryant BJ**, Yau YY, Byrne PJ, Stroncek DF, Leitman DF. Gravity sedimentation of granulocytapheresis concentrates with hydroxyethylstarch efficiently removes red cells and retains neutrophils. *Transfusion* 2010;50:1203-1209.
17. Gible DM, Chaffin DJ, **Bryant BJ**. Cost-effectiveness of FDA variance for blood collection from individuals with hereditary hemochromatosis at a 398-bed hospital-based donor center. *Immunohematology* 2010;25:170-173.
18. Lam R, **Bryant BJ**. Knowledge of FDA reportable deviations. *Transfusion* 2011;51:1619-1623.
19. Flynn R, **Bryant BJ**. Therapeutic phlebotomy procedures and their impact on a rural hospital's red cell inventory and fiscal stature. *Transfusion* 2011;51:2761-2766.
20. Hinojosa R, **Bryant BJ**. Leukocyte reduction filtration efficacy performed at varying time intervals post collection. *Transfusion* 2011;51:2758-2760.
21. Josefy SJ, Briones R, **Bryant BJ**. Preoperative coagulation studies to predict blood component usage in coronary artery bypass graft surgery. *Immunohematology* 2011;27:151-153.
22. Haywood J, Moulds MK, **Bryant BJ**. Determination of optimal method for antibody identification in a reference laboratory. *Immunohematology* 2011;27:146-150.
23. **Bryant BJ**, Yau YY, Arceo SM, Daniel-Johnson J, Hopkins JA, Leitman SF. Role of iron replacement therapy in the routine management of blood donors. *Transfusion* 2012;52:1556-1575.
24. Patel AJ, Wesley B, Leitman SF, **Bryant BJ**. Capillary versus venous hemoglobin determination in the assessment of healthy blood donors. *Vox Sanguinis* 2013;104:317-323.
25. Bates ST, Escobar RM, Moore TH, **Bryant BJ**. Refrigerators and freezers float; Irradiators don't. *Transfusion* 2013; 53:1626, cover.
26. **Bryant BJ**, Yau YY, Arceo SM, Hopkins JA, Leitman SF. Ascertainment of iron deficiency in routine blood donors through screening questions for pica and restless legs syndrome. *Transfusion* 2013;53:1637-1644.
27. Hill E, **Bryant BJ**. Comparison of antibody titers in donor specimens and associated AS-1 leukocyte-reduced donor units. *Transfusion* 2014;54:1580-1584.
28. Karafin MS, **Bryant BJ**. Transfusion medicine education: an integral foundation of effective

- blood management. *Transfusion* 2014;54:1208-1211.
29. Bialkowski W, **Bryant BJ**, Schlumpf KS, Wright DJ, Birch R, Kiss JE, D'Andrea P, Cable RG, Spencer BR, Vij V, Mast AE. The strategies to reduce iron deficiency in blood donors (STRIDE) randomized trial: design, enrollment and early retention. *Vox Sanguinis* 2015;108:178-185.
 30. Karafin MS, Denomme GA, **Bryant BJ**. The future of red blood cell alloimmunization risk reduction. *Transfusion* 2015;55:220-1.
 31. Mast AE, Bialkowski W, **Bryant BJ**, Wright DJ, Birch R, Kiss JE, D'Andrea P, Cable RG, Spencer BR. A randomized, blinded, placebo-controlled trial of education and iron supplementation for mitigation of iron deficiency in regular blood donors. *Transfusion* 2016;56:1588-1597.
 32. Esani MA, Arcari, CM, Mutambudzi M, Freeman VS, **Bryant, BJ**. Recommended interventions to reduce the risk of iron deficiency in blood donors. *Texas Public Health Journal* 2017;69:5-9.
 33. Chansky M, King M, Bialkowski W, **Bryant BJ**, Kiss JE, D'Andrea P, Cable RG, Spencer BR, Mast AE. Qualitative assessment of pica experienced by frequent blood donors. *Transfusion* 2017;57:946-951.
 34. Padmanabhan A, Jones C, Pechauer S, Curtis B, Bougie D, Irani M, **Bryant BJ**, Alperin J, DeLoughehry R, Mulvey K, Dhakal B, Wen, R, Wang D, Aster R. Intravenous immunoglobulin for treatment of severe refractory heparin-induced thrombocytopenia. *Chest* 2017;152:478-485.
 35. Cable RG, Birch RJ, Spencer BR, Wright DJ, Bialkowski W, Kiss JE, Rios J, **Bryant BJ**, Mast AE. The operational implications of donor behaviors following enrollment in STRIDE (Strategies to Reduce Iron Deficiency in Blood Donors). *Transfusion* 2017;57:2440-2448.
 36. Bialkowski W, Kiss JE, Wright DJ, Cable RG, Birch R, D'Andrea P, **Bryant BJ**, Spencer BR, Mast AE. Estimates of total body iron indicate 19 mg and 38 mg oral iron are equivalent for the mitigation of iron deficiency in a longitudinal study. *American Journal of Hematology* 2017;92:851-857.
 37. **Bryant BJ**. Chartered planes, rescue trucks, and a Blackhawk. *Transfusion* 2018;58:842.
 38. Rolon MR, Pacheco DA, **Bryant BJ**. Red to green pigment change noted in plasma of patient undergoing therapeutic plasma exchange for Goodpasture's syndrome. *Transfusion* 2018;58:2270-2271.
 39. Cap AP, Beckett A, Cenov A, Borgman M, Chen J, Corley JB, Doughty H, Fisher A, Glassberg E, Gonzales R, Kane SF, Malloy WW, Nessen S, Perkins JG, Prat N, Quesada J, Reade M, Sailliol A, Spinella PC, Stockinger Z, Strandenes G, Taylor A, Yazer M, **Bryant B**, Gurney J. Whole Blood Transfusion. *Military Medicine* 2018; 183:44-51.
 40. Nowak ES, Reyes DP, **Bryant BJ**, Cap AP, Kerstman EL, Antonsen EL. Blood transfusion for deep space exploration. *Transfusion* 2019;59:3077-3083.

B. ABSTRACTS:

1. **Bryant BJ**, Alperin JB. Cambodian conundrum: an unrecognized case of hemoglobinopathy. Medical Student Clinical Vignette Competitions-Local (1st Place),

- State (1st Place) and National (Winner), American College of Physicians and American Society of Internal Medicine; 1999 – 2000.
2. **Bryant BJ**, Elghetany MT. Chronic myelogenous leukemia in extramedullary blast transformation of megakaryoblastic lineage presenting as paraplegia. Texas Society of Pathologists Meeting; 2001.
 3. **Bryant BJ**, Alperin JB, Indrikovs AJ. Exacerbation of thrombotic thrombocytopenic purpura due to *Staphylococcus aureus* septicemia. *Transfusion* 2002;42:38-39a.
 4. **Bryant BJ**, Elghetany MT. Paraplegia as the presenting manifestation of megakaryoblastic extramedullary blast crisis of previously unrecognized chronic myelogenous leukemia. *American Journal of Clinical Pathology* 2003;120:448.
 5. **Bryant BJ**, Alperin JB, Indrikovs AJ. Blood bank on-call physician's experiences at a large university medical center. *Transfusion* 2003;43:110a.
 6. **Bryant BJ**, Payne DA. "Possible" resistance: comparison of "possible" resistance results derived from a genotype report versus the IC50 virtual phenotype. International Conference on Cybernetics and Information Technologies, Systems and Applications 2004;2:31-33.
 7. **Bryant BJ**, Weber S, Indrikovs AJ. Sequestration of anti-Cr^a in the placenta: serological demonstration by placental elution. *Transfusion* 2004;44:117a.
 8. Elghetany MT, **Bryant BJ**, Alter BP. Bone marrow expression of p53, Caspase-3, and WT-1 proteins in inherited and acquired cytopenias. Texas Society of Pathologists Annual Meeting; 2005.
 9. Elghetany MT, **Bryant BJ**, Alter BP. Bone marrow expression of p53, caspase-3, and WT-1 proteins in inherited and acquired cytopenias: a study of 106 patients. *Modern Pathology* 2005;18:229a.
 10. Elghetany MT, **Bryant BJ**, Alter BP. Bone marrow patterns of expression of p53, caspase-3, Ki 67, p21^{waf} and WT-1 proteins may provide a tool to differentiate inherited from acquired cytopenias: a study of 199 patients. *Blood* 2005;106:302a.
 11. Harle M, Elghetany MT, **Bryant BJ**, Alter BP. Survivin staining of bone marrow biopsies may help understand cell cycle changes and differentiate inherited from acquired cytopenias: a study of 212 patients. *Modern Pathology* 2006;19:114.
 12. Al-Rahawan M, Alter BP, **Bryant BJ**, Elghetany MT. Predictive markers of myelodysplastic syndrome in the bone marrow of patients with Fanconi anemia. 18th Annual International Fanconi Anemia Scientific Symposium; 2006.
 13. **Bryant BJ**, Conry-Cantilena CC, Ahlgren A, Stroncek DF, Gible J, Leitman SF. *Pasteurella multocida* bacteremia in asymptomatic plateletpheresis donors. *Transfusion* 2006;46:50a.
 14. Al-Rahawan M, Alter BP, **Bryant BJ**, Elghetany MT. Predictive markers of myelodysplastic syndrome in the bone marrow of patients with Fanconi anemia. *Blood* 2006;108:297a.
 15. **Bryant BJ**, Hopkins JA, Leitman SF. Evaluation of low mean corpuscular volume in an apheresis donor population. *Blood* 2006;108:114b.
 16. Al-Rahawan M, Alter BP, **Bryant BJ**, Elghetany MT. Predictive markers of myelodysplastic syndrome in the bone marrow of patients with inherited bone marrow failure syndromes. Pediatric Academic Societies' Annual Meeting; 2007.
 17. Alter BP, Al-Rahawan M, **Bryant BJ**, Elghetany MT. Predictive markers of myelodysplastic syndrome in the bone marrow of patients with Diamond-Blackfan anemia. Diamond-Blackfan

Anemia Annual Meeting; 2007.

18. Elghetany MT, Al-Rahawan MM, Alter BP, **Bryant BJ**. Cell cycle and surface marker changes in the bone marrow of patients with Shwachman Diamond syndrome and other inherited bone marrow failure syndromes: comparison with acquired disorders. Shwachman Diamond Syndrome Annual Meeting; 2007.
19. **Bryant BJ**, Khuu HM, Uzel G, Holland SM, Leitman SF. Topical granulocyte concentrates for chronic wound healing in a patient with leukocyte adhesion deficiency-1. American Association of Blood Banks National Meeting 2007, Oral Presentation. *Transfusion* 2007;47:16a.
20. **Bryant BJ**, Hopkins JA, Leitman SF. Evaluation of low red cell mean corpuscular volume in an apheresis donor population. American Association of Blood Banks National Meeting 2007, Outstanding Poster. *Transfusion* 2007;47:45a.
21. Patel AJ, **Bryant BJ**, Wesley RA, Bolan CD, Leitman SF. Capillary versus venous hemoglobin determination in the eligibility assessment of healthy blood donors. American Association of Blood Banks National Meeting 2007, Outstanding Poster. *Transfusion* 2007;47:117a.
22. **Bryant BJ**, Leitman DF. Gravity sedimentation of granulocytapheresis concentrates with hydroxyethylstarch efficiently removes red cells and retains neutrophils. *Transfusion* 2007;47:84a.
23. Daniel-Johnson JA, Yau YY, **Bryant BJ**, Gladden D, Leitman SF, Bolan CD. Fingerstick hemoglobin varies markedly with changes in body position: comparison to venous hemoglobin. *Transfusion* 2007;47:12a.
24. **Bryant BJ**, Yau YY, Leitman, SF. Role of iron replacement therapy in the routine management of blood donors. European School of Haematology - Club du Globule Rouge et du Fer Euroconference, Disorders of Iron Homeostasis, Erythrocytes, and Erythropoiesis, Athens, Greece, 2007.
25. **Bryant BJ**, Yau YY, Arceo SM, Hopkins JA, Daniel-Johnson J, Bolan CD, Leitman SF. Iron replacement therapy in the routine management of blood donors. *Transfusion* 2008;48:39a.
26. **Bryant BJ**, Yau YY, Arceo SM, Hopkins JA, Leitman SF. Ascertainment of iron deficiency and depletion in donors through screening questions for pica and restless legs syndrome. American Association of Blood Banks National Meeting 2008, Oral Presentation. *Transfusion* 2008;48:40a.
27. Yau YY, Leitman SF, Daniel-Johnson J, Gladden D, **Bryant BJ**, Bolan CD. Pre-donation fingerstick and venous hemoglobin levels vary significantly according to body position, but accurately predict an adequate red cell unit hemoglobin content regardless of position. American Association of Blood Banks National Meeting 2008, Oral Presentation. *Transfusion* 2008;48:67a.
28. **Bryant BJ**, Yau YY, Arceo SM, Hopkins JA, Leitman SF. Role of iron replacement therapy in the routine management of blood donors. *BioIron*, 2008.
29. Lam R, **Bryant BJ**. Knowledge of FDA reportable deviations. American Association of Blood Banks National Meeting 2009, Oral Presentation. *Transfusion* 2009;49:235a.

30. Gible D, **Bryant BJ**. Cost-effectiveness of FDA variance for blood collection from individuals with hereditary hemochromatosis at a 398-bed hospital-based donor center. *Transfusion* 2009;49:249a.
31. **Bryant BJ**, Wehbe RM, Yau YY, Arceo SM, Hopkins JA, Leitman SF. Effect of body position on donor deferral rates due to low fingerstick hemoglobin. *Transfusion* 2009;49:60a.
32. Haywood J, Moulds MK, **Bryant BJ**. What method of antibody identification is best for a reference laboratory? *Transfusion* 2010;50:165-166a.
33. Josefy SJ, Briones R, **Bryant BJ**. Preoperative coagulation studies to predict blood component usage in coronary artery bypass graft surgery. *Transfusion* 2010;50:181a.
34. Hinojosa R, **Bryant BJ**. Leukocyte reduction filtration efficacy performed at varying time intervals post collection using the Fenwal Express System with Intergral Sepacell RS-2000 Filter. *Transfusion* 2010;50:80a.
35. Flynn R, **Bryant BJ**. Therapeutic phlebotomy procedures and their impact on a rural hospital's red cell inventory and fiscal stature. *Transfusion* 2010;50:236a.
36. Haywood J, Moulds MK, **Bryant BJ**. What method of antibody identification is best for a reference laboratory? South Central Association of Blood Banks and the California Blood Bank Society Meeting 2011, Poster Presentation.
37. Josefy SJ, Briones R, **Bryant BJ**. Preoperative coagulation studies to predict blood component usage in coronary artery bypass graft surgery. South Central Association of Blood Banks and the California Blood Bank Society Meeting 2011, Oral Presentation.
38. Hinojosa R, **Bryant BJ**. Leukocyte reduction filtration efficacy performed at varying time intervals post collection. South Central Association of Blood Banks and the California Blood Bank Society Meeting 2011, Poster Presentation.
39. Flynn R, **Bryant BJ**. Therapeutic phlebotomy procedures and their impact on a rural hospital's red cell inventory and fiscal stature. South Central Association of Blood Banks and the California Blood Bank Society Meeting 2011, Poster Presentation.
40. O'Neil TA, Blackledge ED, Wabela NT, **Bryant BJ**. Correlation between hemoglobin F and the Kleihauer-Betke test. *Transfusion* 2011;51:111A.
41. Bates ST, Moore T, **Bryant BJ**. Intrauterine and Exchange Transfusion When No Compatible Donor Blood is Available. *Transfusion* 2011;51:111-112A.
42. Benson K, **Bryant BJ**. Impact of HLA antibody testing on female plateletpheresis donors to reduce the number of transfusion-related acute lung injuries. *Transfusion* 2011;51:129A.
43. Ly TL, Moore T, **Bryant BJ**. Clinically significant delayed hemolytic transfusion reaction due to anti-M. *Transfusion* 2011;51:158-159A.
44. Treat CJ, Scalia F, McQueen I, Sharks P, **Bryant BJ**. Thromboelastographic testing to determine individual response to clopidogrel. *Transfusion* 2011;51:190A.
45. Gomez SN, Alperin JB, Russo WL, **Bryant BJ**. Management of large intentional overdose of enoxaparin with protamine sulfate. *Blood* 2011;118:4330.
46. Benson K, **Bryant BJ**. Impact of HLA antibody testing on female plateletpheresis donors to reduce the number of transfusion-related acute lung injuries. South Central Association of Blood Banks Meeting 2012, Poster Presentation.

47. Treat CJ, Scalia F, McQueen I, Sharks P, **Bryant BJ**. Thromboelastographic testing to determine individual response to clopidogrel. South Central Association of Blood Banks Meeting 2012, Poster Presentation.
48. O'Neil TA, Blackledge ED, Wabela NT, **Bryant BJ**. Correlation between hemoglobin F and the Kleihauer-Betke test. South Central Association of Blood Banks Meeting 2012, Poster Presentation.
49. Treat CJ, Scalia F, McQueen I, Sharks P, **Bryant BJ**. Thromboelastographic testing to determine individual response to clopidogrel. International Society of Thrombosis and Hemostasis, Annual Meeting 2012; Liverpool, UK, Poster Presentation.
50. Kent R, Spicer A, **Bryant BJ**. Evaluation of platelet progeny production during blood bank storage conditions. American Association of Blood Banks National Meeting 2012, Oral Presentation. *Transfusion* 2012;52:17-18A.
51. Russell L, Woods C, Ivy K, **Bryant BJ**. Unexpected antibodies and leukocyte-reduction failures: Trends in red blood cell wastage. *Transfusion* 2012;52:82-83A.
52. Strong A, Uptmor C, Taylor E, Tebbetts K, **Bryant BJ**. An investigation of non-ABO group specific platelet transfusion practices in United States blood banks. *Transfusion* 2012;52:69A.
53. Watson B, **Bryant BJ**. Transfusion of group O red blood cells to non-group O recipients: analysis and assessment of practice. *Transfusion* 2012;52:197A.
54. Hill E, **Bryant BJ**. Comparison of antibody titers in donor specimens and associated AS-1 leukocyte-reduced donor units. *Transfusion* 2012;52:145A.
55. **Bryant BJ**, Schlumpf K, Kiss J, Cable R, Spencer B, Vij V, Mast A. Enrollment data from the Strategies To Reduce Iron DEFiciency (STRIDE) Study. American Association of Blood Banks National Meeting 2012, Oral Presentation. *Transfusion* 2012;52:30-31A.
56. Spencer B, Mast A, Kiss J, Cable R, **Bryant BJ**, Schlumpf K for the STRIDE Study Group. Prevalence of fatigue and correlation with iron status in the STRIDE study of frequent donors. *Transfusion* 2012;52:90A.
57. **Bryant BJ**, Yau YY, Arceo SA, Hopkins JA, Leitman SF. Ascertainment of iron depletion and deficiency in blood donors through screening questions for pica and restless legs syndrome. *Blood* 2012;120:279a.
58. Kent R, Spicer A, **Bryant BJ**. Evaluation of platelet progeny production during blood bank storage conditions. South Central Association of Blood Banks Meeting 2013, Oral Presentation.
59. Hill E, **Bryant BJ**. Comparison of antibody titers in donor specimens and associated AS-1 leukocyte-reduced donor units. South Central Association of Blood Banks Meeting 2013, Oral Presentation.
60. Watson B, **Bryant BJ**. Transfusion of group O red blood cells to non-group O recipients: analysis and assessment of practice. South Central Association of Blood Banks Meeting 2013, Poster Presentation.
61. Russell L, Woods C, Ivy K, **Bryant BJ**. Unexpected antibodies and leukocyte-reduction failures: Trends in red blood cell wastage. South Central Association of Blood Banks Meeting 2013, Poster Presentation.

62. Strong A, Uptmor C, Taylor E, Tebbetts K, **Bryant BJ**. An investigation of non-ABO group specific platelet transfusion practices in United States blood banks. South Central Association of Blood Banks Meeting 2013, Poster Presentation.
63. Gore P, **Bryant BJ**. Initiatives to Reduce Reaction Rates in Young Blood Donors. South Central Association of Blood Banks Meeting 2013, Poster Presentation.
64. Hensch LA, Alperin JA, **Bryant, BJ**. Heparinoid syndrome: A rare cause of clinically significant coagulopathy. *Transfusion* 2014;54:185A.
65. Erickson A, Brooks S, **Bryant BJ**, Cancelas-Perez J, Graminske S, Hartman E, Heldke S, Johnson H, Kehler M, Kimpel N, Nestheide S, West FB, Rugg N, Stanley C, Donnelly B. Qualification of 3 US blood centers for use of the Intercept System for platelets in 100% plasma. *ISBT* 2015, London.
66. Vinesett EM, Lalonde TL, Fang W, **Bryant BJ**. Platelet count as an indicator of iron status in plateletpheresis donors. American Association of Blood Banks National Meeting 2015, Top Poster. *Transfusion* 2015;55:88A.
67. Mast AE, Bialkowski W, **Bryant BJ**, Wright DJ, Birch R, Kiss JE, D'Andrea P, Cable RG, Spencer BR. Iron status of donors in STRIDE, a randomized, blinded, placebo-controlled study of education and iron supplementation for mitigation of iron deficiency in frequent blood donors. American Association of Blood Banks National Meeting 2015, Oral Presentation. *Transfusion* 2015;55:21A-22A.
68. Cable RG, Bialkowski W, **Bryant BJ**, Wright DJ, Birch R, Kiss JE, D'Andrea P, Spencer BR, Mast AE. Donor behaviors during participation in STRIDE a randomized, blinded, placebo-controlled study of education and iron supplementation for mitigation of iron deficiency in frequent blood donors. American Association of Blood Banks National Meeting 2015, Plenary Presentation. *Transfusion* 2015;55: 5A.
69. Shaz B, **Bryant BJ**, West BF, Huang N, Mathur A, Graminske S, Kelher M, Stanley C, Corash L, Erickson A. *In vitro* evaluation of platelets in PAS-3 prepared with the Intercept Blood System. *Transfusion* 2015;55:62A.
70. Le T, **Bryant BJ**, Cancelas J, Huang N, Kelher M, Stanley C, Graminske S, Rugg N, Corash L, Erickson A. *In vitro* evaluation of platelets in plasma prepared with the Intercept Blood System. *Transfusion* 2015;55:70A.
71. Wyble AJ, Alperin JB, **Bryant BJ**. Fat Embolism Syndrome versus Thrombotic Thrombocytopenic Purpura in Patients with Sickle Cell Disease - Red Cell Exchange versus Plasma Exchange. *Transfusion* 2016;56:83A.
72. Donnelly B, Brooks S, **Bryant BJ**, Graminske S, Heldke S, Johnson H, Kelher M, Kimpel N, Stanley C, Erickson A. Evaluation of a triple storage set at two U.S. blood Centers for the use with the Intercept Blood System for platelets in Intersol. *Transfusion* 2016;56:197-198A.
73. Padmanabhan A, Jones C, Pechauer S, Curtis B, Bougie D, Irani M, **Bryant BJ**, Alperin J, DeLougery R, Mulvey K, Dhakal B, Wen, R, Wang D, Aster R. Intravenous immunoglobulin (IVIg) is a highly effective treatment for HIT: Critical role of the IgG Fc domain in inhibiting HIT antibody-mediated platelet activation. *Blood* 2016; 128:22.
74. Joseph DM, Alperin JB, **Bryant, BJ**. Potential Evans syndrome in pregnancy. Texas Chapter of American College of Physicians Meeting 2017, Poster Presentation.

75. Booth AL, Vaidya S, **Bryant BJ**. Human leukocyte antigen typing in a profoundly leukopenic patient refractory to platelet transfusions. American Society of Clinical Pathology Annual Meeting 2017, Poster Presentation.
76. Wyble AJ, Kim YM, **Bryant BJ**. Diagnostic management teams in transfusion medicine. *Transfusion* 2017;57:211A.
77. Drouillard JS, Delvadia B, Milks K, **Bryant BJ**, Carterson A. Identification of a possible novel B subgroup in a pregnant female. *Transfusion* 2017;57:147A.
78. Booth AL, Bingham K, Guerra D, **Bryant BJ**, Yates S. Cost-minimization analysis before and after implementation of rapid bacterial testing at an academic medical center. *Transfusion* 2018;58:248A.
79. Lopert P, Aga G, Rice J, **Bryant BJ**, Irani M, Brooks S, Graminske S, Cancelas-Perez J, Rugg N. Apheresis platelets collected on Trima Accel and stored in InterSol platelet additive solution for 5 and 7 days are comparable to plasma-stored platelets in vitro. *Transfusion* 2018;58:147A-148A.

INVITED LECTURES AT SYMPOSIA AND CONFERENCES:

1. Scientific Lecturer - South Central Association of Blood Banks; 1988 to 1990.
2. Panel Member - Blood Transfusion Practices, American Red Cross Southwest Region Workshop; 1994.
3. "Blood Bank On-Call Physician's Experiences at a Large University Medical Center." University of Texas Medical Branch Pathology Grand Rounds; Galveston, TX; May 2005.
4. "*Pasteurella multocida* Bacteremia in Asymptomatic Plateletpheresis Donors." National Institutes of Health 25th Annual Symposium in Immunohematology and Blood Transfusion; Bethesda, MD; September 2006.
5. "Global Ailments in Transfusion Medicine: Sickle Cell Disease." American Association of Blood Banks Annual Meeting; Miami, FL; October 2006.
6. "Medical Consults for the Blood Bank." Mid-Atlantic Association of Blood Banks Annual Meeting; Williamsburg, VA; April 2007.
7. "*Pasteurella multocida* Bacteremia in Asymptomatic Plateletpheresis Donors." Mid-Atlantic Association of Blood Banks Annual Meeting; Williamsburg, VA; April 2007.
8. "Iron Replacement in Blood Donors." National Institutes of Health 26th Annual Symposium in Immunohematology and Blood Transfusion; Bethesda, MD; September 2007.
9. "Importance of Adverse Donor Events and Strategies for Their Reduction: Iron Deficiency in Blood Donors." American Association of Blood Banks Annual Meeting; Anaheim, CA; October 2007.
10. "Bacteremia in Asymptomatic Plateletpheresis Donors." American Red Cross Symposium, Greater Chesapeake and Potomac Region; Baltimore, MD; February 2008.
11. "Management of Iron Status in Blood Donors." Food and Drug Administration - Blood Products Advisory Committee Meeting; Rockville, MD; September 2008.
12. "Maintaining Optimal Iron Balance (Euferrremia) in the Donor Center: Detection and Treatment of Iron Deficiency in Blood Donors." American Association of Blood Banks

- Annual Meeting; Montreal, Quebec, Canada; October 2008.
13. "Identification of Iron Status and Its Management in Blood Donors." Advisory Committee on Blood Safety and Availability Meeting; Rockville, MD; December 2008.
 14. "Iron Replacement Therapy in the Routine Management of Blood Donors." Pathology Grand Rounds University of Texas Medical Branch; Galveston, TX; February 2009.
 15. "Iron Replacement Therapy in the Routine Management of Blood Donors." Lindsley F. Kimball Research Institute Research Seminar Series, New York Blood Center; New York, NY; February 2009.
 16. "Iron Replacement Therapy in the Routine Management of Blood Donors." Blood Center of Wisconsin, Milwaukee, WI; February 2009.
 17. "Clinical Case Studies." National Institutes of Health, Department of Transfusion Medicine, Bethesda, MD; March 2009.
 18. "Iron Balance in Blood Donors." America's Blood Centers SMT Forum, Arlington, Virginia; March 2009.
 19. "A Tale of Two Cats: *Pasteurella multocida* Bacteremia in Asymptomatic Plateletpheresis Donors." South Central Association of Blood Banks Annual Meeting; April 2009.
 20. "Iron Metabolism." American Society for Apheresis Webinar; August 2009.
 21. "Iron Replacement Therapy in the Routine Management of Blood Donors." South Central Association of Blood Banks Annual Meeting; March 2010.
 22. "Topical Granulocyte Concentrates for Chronic Wound Healing in a Patient with Leukocyte Adhesion Deficiency-1." South Central Association of Blood Banks Annual Meeting; March 2010.
 23. "Sunny Side Up: Intermediate and Long-Term Considerations in Selected Cases of Neonatal Jaundice." Department of Pediatrics Grand Rounds, University of Texas Medical Branch, Galveston, Texas; March 2010.
 24. "Intrauterine and Exchange Transfusions for Severe Hemolytic Disease of the Fetus and Newborn When No Compatible Blood is Available: Tales from a Post-Hurricane Ike Blood Bank." South Central Association of Blood Banks Annual Meeting; March 2010.
 25. "Iron Status in Blood Donors." Food and Drug Administration - Blood Products Advisory Committee Meeting; Rockville, MD; July 2010.
 26. "Iron Replacement in the Routine Management of Blood Donors." Australian Red Cross Blood Services; Sydney, New South Wales, Australia; November 2010.
 27. "Iron Depletion/Deficiency in Blood Donors: Issues, Strategies, and Prevention." Australian Red Cross Blood Services; Sydney, New South Wales, Australia; November 2010.
 28. "Evaluation of Low Mean Corpuscular Volume in an Apheresis Donor Population." Australian Red Cross Blood Services; Sydney, New South Wales, Australia; November 2010.
 29. "Maintaining Iron Balance in Blood Donors." Australian Red Cross Blood Services, National Webinar; Sydney, New South Wales, Australia; November 2010.
 30. "Iron Replacement in Blood Donors." South Central Association of Blood Banks and the California Blood Bank Society Meeting 2011; April 2011.

31. "Iron Replacement in the Routine Management of Blood Donors." Blood Bank Association of New York State Annual Meeting 2011; May 2011.
32. "Clinical Case Studies." Current Topics in Blood Banking 2011; University of Michigan; May 2011.
33. "Coping with Disaster." Current Topics in Blood Banking 2011; University of Michigan; May 2011.
34. "Clinical Case Study – Creative Blood Banking." Invitational Conference for Investigative Immunohematologists, June 2011.
35. "What's Wrong with this Picture?" Invitational Conference for Investigative Immunohematologists, June 2011.
36. "Intrauterine and Exchange Transfusions for Severe Hemolytic Disease of the Fetus and Newborn When No Compatible Blood is Available: Tales from a Post-Hurricane Ike Blood Bank." Department of Pediatrics Grand Rounds, University of Texas Medical Branch, Galveston, Texas; August 2011.
37. "Maintaining Iron Balance in Blood Donors; The NIH Experience." FDA Workshop: Hemoglobin Standards and Maintaining Adequate Iron Stores in Blood Donors; Bethesda, MD, November 2011.
38. Keynote Address. University of Texas Medical Branch, School of Health Professions, Clinical Laboratory Science Program. Professionalism Ceremony. September 2011.
39. "Severe Hemolytic Disease of the Fetus and Newborn Complicated by the Lack of Compatible Donor Blood." National Institutes of Health, Department of Transfusion Medicine Clinical Conference, Bethesda, MD; November 2011.
40. "Advocating for Iron Replacement in Blood Donors." National American Red Cross Medical Advisory Committee Meeting, Washington, DC; May 2012.
41. "Iron Balance in Blood Donors." Texas Medical Association, Tex-Med Meeting, Dallas, TX; May 2012.
42. "Iron Replacement in the Routine Management of Blood Donors." Academy of Clinical Laboratory Physicians and Scientists Annual Meeting, Milwaukee, WI; June 2012.
43. "The Challenge of Maintaining Iron Balance in Blood Donors." Sanquin Blood Services, Nijmegen, The Netherlands; July 2012.
44. "Iron Replacement in the Routine Management of Blood Donors." Établissement Français Du Sang, Paris, France; July 2012.
45. "Got Iron? Maintaining Iron Balance in Blood Donors." Teleconference Network of Texas, Blood Bank Series; August 2012.
46. "Maintaining Iron Balance in Blood Donors." Houston Citywide Transfusion Medicine Conference, Texas Medical Center/St. Luke's Episcopal Hospital; August 2012.
47. "Iron Replacement in the Routine Management of Blood Donors." Department of Internal Medicine Grand Rounds, University of Texas Medical Branch, Galveston, Texas; September 2012.
48. "Ascertainment of Iron Deficiency in Blood Donors through Screening Questions for Pica and Restless Legs Syndrome." American Association of Blood Banks Annual Meeting, Donor Iron Depletion Research and Progress Session, Boston, Massachusetts, October 2012.

49. "Prevention of Iron Depletion and Deficiency in Blood Donors." Scientific Lecture, Blood Center of Wisconsin, Milwaukee, Wisconsin; December 2012.
50. "Prevention of Iron Depletion and Deficiency in Blood Donors." Transfusion Medicine Conference, Blood Center of Wisconsin, Milwaukee, WI; December 2012.
51. "Update on the Strategies To Reduce Iron Deficiency (STRIDE) Study." American Blood Centers Interim Meeting, Milwaukee, WI; August 2013.
52. "Live Your Customer's Reality: Being an Effective Physician Champion." Blood Centers of America Medical Directors Conference, Seattle, WA; August 2014.
53. "How a Community Blood Center Can (and Should) Support Patient Blood Management at Its Customer Hospitals." American Association of Blood Banks Annual Meeting, Philadelphia, PA; October 2014.
54. "Applying Lessons Learned: Planning for Your Next Disaster." University of Michigan, Clinical Laboratory Symposium, Ann Arbor, MI; October 2015.
55. "As the Centrifuge Turns: Déjà vu and Creative Blood Banking." Houston Area Antibody Club, Houston, TX; March 2016.
56. "Strategies to Reduce Iron Deficiency in Blood Donors." Stubbins Memorial Award and Lecturer, University of Texas Medical Branch, Galveston, TX; March 2016.
57. "Lessons Learned from Sally Frank MHS, MT(ASCP)SBB." AABB Sally Frank Award Lecture, AABB Annual Meeting, Orlando, FL; October 2016.
58. "Transfusion Medicine Diagnostic Management Teams." Inaugural Diagnostic Management Team Conference, Galveston, TX; February 2017.
59. Innovative Blood Banking." Texas Association for Clinical Laboratory Science Annual Meeting, Dallas, TX; March 2017.
60. "Iron Deficiency in Blood Donors." Texas Association for Clinical Laboratory Science Annual Meeting, Dallas, TX; March 2017.
61. "What We Have Learned About Donor Iron Stores and What Are We Going Do About It." Illinois Association of Blood Bank Meeting, Chicago, IL; April 2017.
62. "Polar Medical Operations – Walking Blood Bank." South Central Association of Blood Banks Annual Meeting, Orlando, FL; May 2017.
63. "Mitigating Iron Deficiency in Blood Donors: Is it Time to Give Iron with the Juice and Cookies?" Technical Scientific Award Lecture, South Central Association of Blood Banks Annual Meeting, Orlando, FL; May 2017.
64. "Hemolytic Disease of the Fetus and Newborn due to Anti-Gerbich:3." Invitational Conference of Investigational Immunohematologists, Grafton, IL; June 2017.
65. Visiting Professor, Lecturer, and Grand Rounds Presenter. University of Colorado; March 2018.
66. "Regulatory Update." South Central Association of Blood Banks and California Blood Bank Society Joint Annual Meeting, Glendale, AZ; April 2017.
67. "The Roundtable – Latest Updates and Concerns in Blood Banking." South Central Association of Blood Bank Annual Meeting, Glendale, AZ; April 2017.
68. "Keeping the Blood Flowing: Maintaining Adequate Blood Supply in Challenging

Situations.” Academy of Clinical Laboratory Physicians and Scientists Annual Meeting, Houston, TX; June 2018.

69. “Maintaining Iron Balance in Donors: Implications for Military Walking Blood Bank Programs.” Trauma Hemostasis and Oxygenation Research (THOR) Network Meeting, Bergen, Norway: June 2018.
70. Keynote Speaker. Graduation and White Coat Ceremony, Clinical Laboratory Science Program, Galveston, TX: August 2018.
71. “Transfusion Medicine: Past, Present, and Future.” The John P. McGovern Academy of Oslerian Medicine, UTMB Osler Club, Galveston, Texas: January 2019.
72. “Wrong Blood in Tube.” UTMB Nursing Grand Rounds/Ethics Seminar, Galveston, Texas: April 2019.
73. "The Roundtable - Cutting Edge Topics in Blood Banking." South Central Association of Blood Bank, San Antonio, Texas: June 2019.
74. “You’ve Got to Be Kidding Me!” Invitational Conference of Investigative Immunohematologists Meeting: Oregon, OH, June 2019.