

# Suchitra Pandey, MD

## CURRICULUM VITAE

**ADDRESS/CONTACT:** Stanford Blood Center  
3373 Hillview Ave, Palo Alto, CA 94304  
Work phone: 650-723-2597  
Email: spandey1@stanford.edu

### **EDUCATION:**

07/2007-06/2008 University of California, San Francisco and Blood Centers of the Pacific;  
San Francisco, California  
Transfusion Medicine Fellowship

07/2003-06/2007 University of California, San Diego; San Diego, California  
Anatomic and Clinical Pathology Residency

07/1999-05/2003 Drexel University College of Medicine; Philadelphia, Pennsylvania  
Doctorate of Medicine (M.D.)

08/1995-05/1999 Muhlenberg College; Allentown, Pennsylvania  
Bachelor of Science (Biology), Graduated Summa Cum Laude  
In a cooperative program with Drexel University College of Medicine

### **BOARD CERTIFICATIONS:**

2007 Board Certified in Anatomic and Clinical Pathology (AP/CP)

2008 Board Certified in Transfusion Medicine

2017 Re-certified in AP/CP and Transfusion Medicine  
Passed 10 year re-certification exam from American Board of Pathology

### **MEDICAL LICENSES:**

2005 California Medical License

### **CURRENT EMPLOYMENT:**

07/2018 – present **Stanford University School of Medicine and Stanford Blood Center  
Palo Alto, CA**

Title: Chief Medical Officer/Medical Director, Stanford Blood Center  
Clinical Associate Professor, Department of Pathology, Stanford  
University School of Medicine

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Duties: Provide medical oversight of Stanford Blood Center and serve as an attending in the Stanford Transfusion Service. Responsibilities include providing medical support to blood center operations, acting as CLIA Director, developing medial policy, and implementing new research related initiatives at the Blood Center. Also serve as an attending in the Stanford Hospital Transfusion Service providing consultation for patient with transfusion related issues and teaching residents and fellows.

## **PREVIOUS EMPLOYMENT:**

08/2018 – 11/2019      **California Department of Public Health (CDPH), Infant Botulism Treatment and Prevention Program  
San Francisco, CA**

Title:    Physician Contractor

Duties: Contracted by CDPH to help Vitalant-Bay Area implement source plasma collections from immunized donors for the production of BabyBIG (botulism immunoglobulin) which is an FDA approved orphan drug to treat infant botulism. My duties included SOP development, regulatory related tasks, and training.

06/2013-07/2018      **Vitalant – Bay Area (Formerly Blood Systems, Inc and Blood Centers of the Pacific) San Francisco, CA**

Title:    Senior Chief Medical Officer (August 2017- July 2018)  
            Division Chief Medical Officer (January 2015 – August 2017)  
            Medical Director (June 2013 – January 2015)

Duties: As Senior Chief Medical Officer, responsibilities included medical oversight of 4 Blood System’s physicians, developing medical policy with corporate medical affairs, and providing medical leadership and strategic planning to Blood Systems West Division which includes blood centers in California and Nevada. Locally based out of Blood Centers of the Pacific (BCP) in San Francisco, CA, I provided consultation to 50+ hospitals and medical support to blood center staff on donor and operational issues including CLIA Director related activities. Also served as Director of the Blood Center’s research program and expanded the center’s research activities via collaboration with Blood Systems Research Institute, UCSF, and biotech companies.

06/2013-07/2018      **University of California, San Francisco (UCSF)  
San Francisco, CA**

Title:    Adjunct Assistant Clinical Professor, Department of Laboratory Medicine

Duties: Served as the Transfusion Medicine Fellowship Director from 2013 to 2016 and then Associate Program Director after fellowship was transitioned to UCSF from Blood Centers of the Pacific. Oversaw training during the fellow’s 5

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month blood center rotation, chaired the Clinical Competency Committee and participated in the Program Evaluation Committee.

11/2010-05/2013

**University of California, San Francisco; Department of Laboratory Medicine  
San Francisco, CA**

Title: Assistant Clinical Professor, Department of Lab Medicine  
Assistant Medical Director, UCSF Medical Center Transfusion Service

Duties: Provided medical oversight of the UCSF Transfusion Service and UCSF Blood Center. Responsibilities included providing medical consultation to UCSF medical staff, promoting appropriate blood utilization, ensuring hospital and Blood Bank met regulatory requirements, and teaching/supervising residents, fellows, and medical students

07/2008-11/2010

**Blood Centers of the Pacific  
San Francisco, CA**

Title: Associate Medical Director (January 2010 – November 2010)  
Assistant Medical Director (July 2008 – January 2010)

Duties: Responsibilities included management of blood center operations, consultation to hospitals and blood center staff, development of medical policy, and supervision of Transfusion Medicine fellow.

## PROFESSIONAL ORGANIZATION MEMBERSHIP AND SERVICE

2007-2020

**AABB**

**Donor Health/Safety Comm, Member (2020-present)**  
**Blood Bank and Transfusion Service Standards  
Committee, Member (2021-present)**  
**Transfusion Transmitted Disease Committee, Member  
(2022-present)**  
Nominating Committee for Board of Directors, Member  
(2022)  
ELearning Committee, Member (2016 – 2020)  
AABB Member (2007- present)

2007-present

**CA Blood Bank  
Society (CBBS)**

**President (2021-2022)**  
Board Member (2017-present)  
CME Committee, Co-Chair (2022 – present)  
Scientific Program Committee, Chair (2013-2017)  
Scientific Program Committee, Member (2010-2013)  
CBBS Member (2007-present)

2013-present

**Blood Centers of CA**

**Medical Advisory Committee, Chair (2017-present)**  
Medical Advisory Committee, Vice-Chair (2013-2017)

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2015-present	<b>American Society of Clinical Pathology</b>	CheckPath Committee, Member (2016-2018) ASCP Member (2015-2018, 2022-present)
2022-present	<b>American Society for Apheresis</b>	ASFA Member (2022-present)
2022-present	<b>Blood Centers of America</b>	Cell Therapy Committee Member
2018-2021	<b>America's Blood Centers (ABC)</b>	Scientific-Medical-Technical Committee, Member
2017-2018	<b>San Francisco/Marin Medical Society</b>	Board Consultant (2017-2018)

## DEPARTMENT OF PATHOLOGY/STANFORD UNIVERSITY SERVICE:

2021-present	<b>Grand Rounds Committee, member</b>	Help to select speakers for monthly Pathology Grand Rounds and introduce and moderate grand round sessions
2020-present	<b>Professional Practice Evaluation Committee (PPEC), member</b>	Transfusion Medicine subsection, current chair

## HOSPITAL/BLOOD CENTER COMMITTEES

2018-present	Transfusion Committee, Member	Stanford Hospitals, Palo Alto, CA
2018-present	Transfusion Committee, Guest Member	Valley Care Medical Center, Pleasanton, CA
2008-2018	Medical Scientific/Technical Advisory Committee, Chair	Blood Centers of the Pacific; San Francisco, CA
2015-2018	Transfusion Committee, Guest Member	California Pacific Medical Center; San Francisco, CA
2016-2018	Transfusion Committee, Guest Member	Zuckerberg San Francisco General Hospital; San Francisco, CA
2013 – 2015	Transfusion Committee, Guest Member	Santa Rosa Memorial Hospital; Santa Rosa, CA
2010 – 2017	Transfusion Committee, Member	UCSF Medical Center; San Francisco, CA

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## HONORS AND AWARDS

2005 Academic Award for Outstanding Students, Post-Doctoral Fellow, and Junior Faculty

1998 Alpha Epsilon Delta, Phi Beta Kappa, Moyer Pre-Medical Scholarship Award

## PROFESSIONAL DEVELOPMENT

01/2021-10/2021 Pathology-Stanford Network for Advancement and Promotion (P-SNAP)  
*Nominated to participate in a peer support program sponsored by the Stanford Department of Pathology and focused on the development of emerging leaders from diverse backgrounds within the department and on creating community.*

2016-2017 Alliance of Blood Operators (ABO) Medical Leadership Development Program  
*Selected to participate in this International Program to develop future Blood Center medical leaders which consisted of a 1 week in person workshop in Orlando, CA and over 10 hours of audioconferences*

2016 Media Training Workshop, Blood Systems Institute

## **RESEARCH ACTIVITIES**

### INVESTIGATOR ROLES/GRANTS

Boyd (PI)  
1U54CA260517-01  
09/23/2020 - 08/31/2022  
National Institutes of Health  
Mechanisms and Duration of Immunity to SARS-CoV-2  
Role: Co-Investigator

Pandey (PI)  
4/16/2019 – 4/12/2023  
Stanford Blood Center  
Collection of White Blood Cells Using Leukapheresis from Stimulated Healthy Human Participants at the Stanford Blood Center

Pandey (PI)  
11/29/2021 - (Does Not Expire)  
Stanford Blood Center  
BEST Collaborative Plateletpheresis Associated Lymphopenia (PAL) Study

Liu (PI)

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Stanford Health Care  
6/14/22 - (Does Not Expire)  
Convalescent plasma in immunocompromised patients with COVID-19: a retrospective cohort study  
Role: Co-Investigator

Pandey (PI)  
10/07/2022 - (Does Not Expire)  
Stanford Blood Center  
Blood Donor Survey on Wearable Devices

Kari Nadeau (PI)  
08/19/2022 - 03/08/2023  
Understanding Immunity to SARS-CoV-2, the coronavirus causing COVID-19  
Role: Study staff

Shan (PI)  
5/13/2020 – 8/23/2020  
Stanford Health Care  
Expanded Access to Convalescent Plasma for Treatment of Patient with COVID-19  
Role: Co-Investigator

Engleman (PI)  
11/19/2008- 06/30/2023  
Minimal Risk Research Related Activities at Stanford Blood Center  
Role: Co-Investigator

Sloan (PI)  
NCT03329404  
11/6/2017-12/19/2018  
Blood Systems, Inc (sponsored by Terumo BCT; collaborator United States Department of Defense)  
Evaluate the Efficacy and Safety of RBCs Derived from Mirasol-treated Whole Blood Compared with Conventional RBCs in Patients Requiring Chronic Transfusion Support (PRAISE)  
Role: Co-Investigator

## **OTHER RESEARCH COLLABORATIVES/INITIATIVES**

7/22 – 10/22      ADVANCE Study, Site Manager

Stanford Blood Center partnered with Vitalant Research Institute to be a study site for the ADVANCE study which evaluated an individual risk assessment for blood donation in men who have sex with men.

2019-present      BEST (Biomedical Excellence for Safer Transfusion)

BEST Collaborative is an international research organization that performs multi-site studies in the field of Transfusion Medicine and Cell Therapy. Spearheaded bringing Stanford into BEST via Blood Center sponsorship and since

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2019, have led Stanford's participation in multiple BEST studies

2019-2022	Consortium of Blood Availability	US Collaborative made up of Blood Center, Industry, and Regulatory Partners. Work performed by the collaborative helps guide policy decisions in the US and is published in peer reviewed journals.
2018-2019	SBC Site Director	Mobile and Fixed Blood Donation Centers as Remote Clinical Trial Site. Served as the primary SBC contact on this NIH grant awarded to three sites: Stanford University with Stanford Blood Centers; UCSD with San Diego Blood Bank; Medical College of Wisconsin and Blood Centers of Wisconsin.

## PUBLICATIONS (PEER REVIEWED)

Tayyar R, Wong LK, Dahlen A, Shu E, **Pandey S**, Liu AY. High-titer post-vaccine COVID-19 convalescent plasma for immunocompromised patients during the first omicron surge. *Transpl Infect Dis*. 2023 Mar 16:e14055. doi: 10.1111/tid.14055. Epub ahead of print. PMID: 36929619

Van Buren NL, Rajbhandary S, Reynolds V, Gorlin JB, Stramer SL, Notari EP 4th, Conti G, Katz L, Stubbs JR, van Buskirk CM, Kuttner K, Smith DL, Ngamsuntikul SG, **Pandey S**, Ward DC, Ziman A, Hiskey M, Townsend M, Sachais BS. Demographics of first-time donors returning for donation during the pandemic: COVID-19 convalescent plasma versus standard blood product donors. *Transfusion*. 2022 Dec 22:10.1111/trf.17229. doi: 10.1111/trf.17229. Epub ahead of print. PMID: 36550639; PMCID: PMC9880744.

Lu W, Ziman A, Yan MTS, Waters A, Virk MS, Tran A, Tang H, Shih AW, Scally E, Raval JS, **Pandey S**, Pagano MB, Shan H, Moore C, Morrison D, Cormack O, Fitzgerald J, Duncan J, Corean J, Clarke G, Yazer M. Serologic reactivity of unidentified specificity in antenatal testing and hemolytic disease of the fetus and newborn: The BEST collaborative study. *Transfusion*. 2023 Feb 23. doi: 10.1111/trf.17276. Epub ahead of print. PMID: 36815517.

Tang MS, Shu E, Sussman H, Virk M, **Pandey S**, Shan H, Pham T. Transfusion outcomes between regular and low yield pathogen reduced platelets across different patient populations in a single institution. *Transfusion*. 2022 Oct;62(10):2012-2019. doi: 10.1111/trf.17043. Epub 2022 Aug 4. PMID: 35924914.

Shu E, Dela Cruz Batilo C, Sussmann H, Owen B, Belanger GA, **Pandey S**, Pham TD. Implementation strategy for complete pathogen reduction technology treated apheresis platelet inventory. *Transfusion*. 2022 Oct;62(10):2108-2116. doi: 10.1111/trf.17081. Epub 2022 Sep 2. PMID: 36052676.

Lu W, Yazer M, Li N, Ziman A, Wendel S, Tang H, Tsang H, Titlestad K, Thibodeaux SR, Shih AW, Poisson JL, Pham T, **Pandey S**, Pagano MB, Shan H, Murphy M, Murphy C, Savioli ML, Kutner JM,

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Hess AS, Fontaine MJ, Fachini R, Dunbar NM, Kaufman RM; Biomedical Excellence for Safer Transfusions Collaborative. Hospital red blood cell and platelet supply and utilization from March to December of the first year of the COVID-19 pandemic: The BEST collaborative study. *Transfusion*. 2022 Aug;62(8):1559-1570. doi: 10.1111/trf.17023. PMID: 35808950; PMCID: PMC9349645.

Brunson DC, Belanger GA, Sussmann H, Fine AM, **Pandey S**, Pham TD. Factors associated with first-time and repeat blood donation: Adverse reactions and effects on donor behavior. *Transfusion*. 2022 Jun;62(6):1269-1279. doi: 10.1111/trf.16893. Epub 2022 May 5. PMID: 35510783.

Pham TD, Kadi W, Shu E, **Pandey S**, Sussmann H, Shan H, Virk MS. How do I implement pathogen-reduced platelets? *Transfusion*. 2021 Dec;61(12):3295-3302. doi: 10.1111/trf.16744. PMID: 34796968.

Murugesan K, Jagannathan P, Pham TD, **Pandey S**, Bonilla HF, Jacobson K, Parsonnet J, Andrews JR, Weiskopf D, Sette A, Pinsky BA, Singh U, Banaei N. Interferon- $\gamma$  Release Assay for Accurate Detection of Severe Acute Respiratory Syndrome Coronavirus 2 T-Cell Response. *Clin Infect Dis*. 2021 Nov 2;73(9):e3130-e3132. doi: 10.1093/cid/ciaa1537. PMID: 33035306; PMCID: PMC7665338.

Wirz OF, Röltgen K, Stevens BA, **Pandey S**, Sahoo MK, Tolentino L, Verghese M, Nguyen K, Hunter M, Snow TT, Singh AR, Blish CA, Cochran JR, Zehnder JL, Nadeau KC, Pinsky BA, Pham TD, Boyd SD. Use of Outpatient-Derived COVID-19 Convalescent Plasma in COVID-19 Patients Before Seroconversion. *Front Immunol*. 2021 Sep 14;12:739037. doi: 10.3389/fimmu.2021.739037. PMID: 34594341; PMCID: PMC8477649.

Pham TD, Kadi W, Shu E, **Pandey S**, Sussmann H, Shan H, Virk MS. How do I implement pathogen-reduced platelets? *Transfusion*. 2021 Dec;61(12):3295-3302. doi: 10.1111/trf.16744. Epub 2021 Nov 19. PMID: 34796968.

Swenson E, Wong LK, Jhaveri P, Weng Y, Kappagoda S, **Pandey S**, Pritchard A, Rogers A, Ruoss S, Subramanian A, Shan H, Hollenhorst M. Active surveillance of serious adverse events following transfusion of COVID-19 convalescent plasma. *Transfusion*. 2022 Jan;62(1):28-36. doi: 10.1111/trf.16711. Epub 2021 Oct 22. PMID: 34677830; PMCID: PMC8661846

**Pandey S**, Gorlin JB, Townsend M, Van Buren N, Leung JNS, Lee CK, van den Hurk K, Casamitjana N, Valles R, Alonso E, Miller YM, Richard P, Woimant G, Tiberghien P, Zhiburt E, Butler-Foster T, Goldman M, Nissen-Meyer LSH, Espinosa A, Kamel H, Bravo M, Filho LA, Pecego M, Germain M, Rabusseau I, Shinar E, Raz H, Choudhury N, Bhatnagar N, Hurt K, Lopez M, Reik RA, Nie Y, Hung Y, Pheello L, Dunbar N. International Forum on Gender Identification and Blood Collection: Responses. *Vox Sang*. 2022 Mar;117(3):E21-E43. doi: 10.1111/vox.13193. Epub 2021 Sep 20. PMID: 34545590

**Pandey S**, Belanger GA, Rajbhandary S, Cohn CS, Benjamin RJ, Bracey AW, Katz LM, Menitove JE, Mintz PD, Gammon RR. A survey of US hospitals on platelet inventory management, transfusion practice, and platelet availability. *Transfusion*. 2021 Sep;61(9):2611-2620. doi: 10.1111/trf.16561. Epub 2021 Jul 19. PMID: 34287930.



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Nguyen KD, Wirz OF, Röltgen K, **Pandey S**, Tolentino L, Boyd SD, Pham TD. Efficient Identification of High-Titer Anti-Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Antibody Plasma Samples by Pooling Method. *Arch Pathol Lab Med*. 2021 Jun 8. doi: 10.5858/arpa.2021-0215-SA. Epub ahead of print. PMID: 34101801.

Dunbar NM, Kaufman RM; WBIT Study Investigators, The Biomedical Excellence for Safer Transfusion (BEST) Collaborative. Factors associated with wrong blood in tube errors: An international case series - The BEST collaborative study. *Transfusion*. 2022 Jan;62(1):44-50. doi: 10.1111/trf.16716. Epub 2021 Nov 2. PMID: 34726274.

Fung M, Nambiar A, **Pandey S**, Aldrich JM, Teraoka J, Freise C, Roberts J, Chandran S, Hays SR, Bainbridge E, DeVoe C, Roque Gardner A, Yokoe D, Henrich TJ, Babik JM, Chin-Hong P. Treatment of immunocompromised COVID-19 patients with convalescent plasma. *Transpl Infect Dis*. 2021 Apr;23(2):e13477. doi: 10.1111/tid.13477. Epub 2020 Nov 29. PMID: 32989856; PMCID: PMC7537112.  
**WILEY Top Cited Article 2020-2021**

Pham TD, Huang C, Wirz OF, Röltgen K, Sahoo MK, Layon A, **Pandey S**, Fong SK, Boyd SD, Pinsky BA. SARS-CoV-2 RNAemia in a Healthy Blood Donor 40 Days After Respiratory Illness Resolution. *Ann Intern Med*. 2020 Nov 17;173(10):853-854. doi: 10.7326/L20-0725. Epub 2020 Jul 17. PMID: 32678685; PMCID: PMC7392144.

Wirtz MR, Almizraq RJ, Weber NC, Norris PJ, **Pandey S**, Spinlla PC, Muszynski JA, Acker JP, Juffermans NP. Red blood cell manufacturing methods and storage solutions differentially induce pulmonary cell activation. *Vox Sang*. 2020 Mar; 115:395-404.  
PMID: 32166810 PMCID: [PMC7497002](#) DOI: [10.1111/vox.12911](#)

**Pandey S** and Shan H. Do high-risk behavior deferrals work? How to make it better? *Transfusion*. 2019 Jul; 59 (7): 2180-2183. PMID: 31268590 DOI: [10.1111/trf.15409](#)

Almizraq RJ, Norris PJ, Inglis H, Menocha S, Wirtz MR, Juffermans N, **Pandey S**, Spinella PC, Acker JP, Muszynski JA. Blood manufacturing methods affect red blood cell product characteristics and immunomodulatory activity. *Blood Adv*. 2018 Sep 25;2(18):2296-2306.

Chapuy CI, Aguad MD, Nicholson RT, AuBuchon JP, Cohn CS, Delaney M, Fung MK, Unger M, Doshi P, Murphy MF, Dumont LJ, Kaufman RM, DARA-DTT Study Group\* for the BEST Collaborative. International validation of a dithiothreitol (DTT)-based method to resolve the daratumumab interference with blood compatibility testing. *Transfusion*. 2016 Dec; 56(12): 2964-2972. (\*includes **Pandey S**)

Kornblith LZ, Howard BM, Cheung CK, Dayter Y, **Pandey S**, Busch MP, Pati S, Callcut RA, Vilardi RF, Redick BJ, Nelson MF, Cohen MJ. The whole is greater than the sum of its parts: hemostatic profiles of whole blood variants. *J Trauma Acute Care Surg*. 2014 Dec; 77(6):818-27

Rabe IB, Schwartz BS, Farnon EC, Josephson SA, Webber AB, Roberts JP, de Mattos AM, Gallay BJ, van Slyck S, Messenger SL, Yen CJ, Bloch EM, Drew CP, Fischer M, Glaser CA, WNV Transplant Investigation Team\*. Fatal transplant associated West Nile Virus encephalopathy and public health investigation-California 2010. *Transplantation*. 2013 Sep;96:463-468 (\*includes **Pandey S**)

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**Pandey S**, Vyas GN. Adverse effects of plasma transfusion. *Transfusion*. 2012 May;52 Suppl 1(Suppl 1):65S-79S. doi: 10.1111/j.1537-2995.2012.03663.x. PMID: 22578374; PMCID: PMC3356109.

Rollins MD, Molofsky AB, Nambiar A, **Pandey S**, Weiskopf RB, Toy P. Two septic transfusion reactions presenting as transfusion-related acute lung injury from a split plateletpheresis unit. *Crit Care Med*. 2012 Aug;40(8):2488-91

Baughn MR, Witacre P, Lo GS, **Pandey S**, Lane TA. A Mild Acute Hemolytic Transfusion Reaction in a Patient with alloanti-Ge3: A Case Report and Review of the Literature. *Transfusion* 2011 Sep; 51(9):1966-71

Carrick DM, Norris PJ, Endres RO, **Pandey S**, Kleinman SH, Wright D, Sun Y, Busch MP; National Heart, Lung, and Blood Institute Retrovirus Epidemiology Donor Study-II. Establishing assay cutoffs for HLA antibody screening of apheresis donors. *Transfusion*. 2011 Oct;51(10):2092-101. doi: 10.1111/j.1537-2995.2010.03048.x. Epub 2011 Feb 18. PMID: 21332726; PMCID: PMC3108003.

Carrick DM, Johnson B, Kleinman SH, Vorhaben R, Chance SC, Lee JH, Roback JD, **Pandey S**, Sun Y, Busch MP, Norris PJ. Agreement amongst HLA antibody detection assays is higher in ever pregnant donors and improved using a consensus cutoff. *Transfusion* 2011 Oct;51(10):2092-101.

Lopez-Verges S, Milush JM, **Pandey S**, York VA, Arakawa-Hoyt J, Pircher H, Norrise PJ, Nixon DF, Lanier LL. CD57 defines a functionally distinct population of mature NK cells in the human CD56dimCD16+ NK-cell subset. *Blood* 2010;116(19); 3865-74.

**Pandey S**, Herold DA, Lu CM. Measurement of Microalbuminuria Using Protein Chip Electrophoresis. *Amer Jour Clin Path*. 2008: 129; 432-438.

## **PUBLICATIONS (BOOKS/CHAPTERS)**

Andrews J, Virk M, **Pandey S**. Wintrobe's Clinical Hematology 14th edition. Wolters Kluwer, 2018

Tran MH, Li M, **Pandey S**, and Antell E. *Concise Guide to Transfusion Medicine*. Bethesda: AABB, 2017. Print

**Pandey S** and Nambiar A. *Transfusion Therapy: Blood Components and Transfusion Complications*. Irwin and Rippe's Manual of Intensive Care Medicine. 6<sup>th</sup> Ed. 2013

## **ABSTRACTS**

2022 M Tang, E Shu, H Sussman, M Virk, **S Pandey**, H Shan, T Pham. Transfusion outcomes between regular and low yield pathogen reduced platelets across different patient populations in a single institution. AABB Annual Meeting, Orlando, FL.

2021 E Shu, B Owen, G Belanger, H Sussman, **S Pandey**, T Pham: Implementing Full Pathogen Reduction Technology Apheresis Platelets Inventory Does Not Reduce Overall Production Compared to Dual Inventory. AABB Annual Meeting. Virtual

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- 2020 **S. Pandey**, T. Pham, A. Layon, H. Sandhu: Implementation of a COVID-19 Convalescent Plasma (CCP) Program at a Community Blood Center. AABB Annual Meeting. Virtual
- 2019 R. Jacob, T. Pham, M. Fernandez-Vina, M. Zhang, L. Johnston, M. Hussain, and **S. Pandey**. HLA Class II Donor Specific Antibody Desensitization with Non-Leukoreduced Irradiated Whole Blood Pre-Transplant. AABB Annual Meeting, San Antonio, Texas. Top Poster Award
- 2017 Townsend M, Kamel H, Cusick R, Li M, Shaikh S, **Pandey S**. Challenges in the Evaluation of Recipient Pulmonary Events-The Experience of a Large Collection Organization. ISBT Annual Meeting, Copenhagen, Denmark.
- 2017 Almizraq RJ, Inglis H, Norris PJ, **Pandey S**, Muszynski J, Juffermans N, Holovati J, Acker JP. Characteristics of Extracellular Vesicles in Stored Red Blood Cell Products Influenced by Component Manufacturing Method. AABB Annual Meeting, San Diego, CA.
- 2016 Jacquot C, Antell E, Ong J, Lew V, Walker P, Lee S, Shaikh S, **Pandey S**. Management of a High Risk Pregnancy with Anti-Jr<sup>a</sup>. AABB Annual Meeting 2016. Orlando, FL
- 2016 Bruhn R, **Pandey S**, Custer B, Murphy E. Donor Willingness to Share Protected Health Information in Cohort Health Outcomes and Genetic Studies. AABB Annual Meeting, Orlando, FL
- 2016 Jacquot C, Okwu J, Bakhtary S, **Pandey S**, Moayeri M. Partnership Between Transfusion Service and Blood Center for Optimal Care of Platelet Refractory Patients. AABB Annual Meeting, Orlando, FL
- 2016 Shakarian G, Ong J, Vege S, Lomas-Francis C, Velliquette RW, **Pandey S**, Westhoff C. A new antibody in the Gerbich Blood System Against a Novel High Prevalence Antigen Named GEAR. AABB Annual Meeting, Orlando, FL
- 2015 Chapuy CI, Aguad MD, Nicholson RT, AuBuchon, JP, Cohn, CS, Delaney M, Cid J, Dzik W, Fung MK, Greinacher A, Ang AL, Devine DV, Dunbar NM, Garritsen H, Goodnough LT, Herron R, Hervig TA, Knudson CM, Kutner JM, Nizzi F, **Pandey S**, Rioux-Masse B, , Selleng K, Sweeney J, Takanashi M, Tobian AAR, Wall L, Wendel S, Westerman DA, Unger M, Doshi P, Murphy MF, Dumont L, Kaufman RM, and The BEST Collaborative. International Validation of a Dithiothreitol (DTT)-Based Method to Resolve the Daratumumab Interference with Blood Compatibility Testing. Blood. 2015;126(23) Abstract
- 2015 Kamel H, Bravo M, **Pandey S**, Esensten J, Townsend M, Vanderpool S, Vassallo R, Tomasulo P, Custer B. Yield of constant proportion  $\geq 3.8\%$  sample volume of mother bag on bacterial contamination detection in Trima apheresis platelet collections. AABB Annual Meeting, Anaheim, California (top poster).
- 2013 Kornblith L, Cheung C, Dayter Y, **Pandey S**, Busch M, Pati S, Howard B, Callcut R, Vilardi R, Redick B, Nelson M, Cohen M. Not all blood clots equally: Hemostatic profiles of whole blood variants. Western Trauma Association, Steamboat Springs, Colorado

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- 2012 Wool G, Moayeri M, Ong J, Edmunds M, **Pandey S**. Reactive Platelet Crossmatches in Patients with Undetectable or Limited HLA/HPA Antibodies. AABB Annual Meeting, Boston, Massachusetts.
- 2012 Jacquot C, Moayeri M, Eagan E, Kim L, Rogers E, Sabnis A, Sanchez R, Nambiar A, **Pandey S**. A Rare Case of Hemolytic Disease of the Fetus and Newborn Presenting in a Primigravida. AABB Annual Meeting, Boston, Massachusetts
- 2012 Wool G, Moayeri M, **Pandey S**. Intravenous Immunoglobulin in Platelet Transfusion Refractory Patients. AABB Annual Meeting, Boston, Massachusetts
- 2011 **Pandey S**, Ong J, Leonard S, Hirschler NV, Jackson TM, Grant KM, Avery J, Nguyen KT. Pre-operative Autologous Blood Donation In A Patient With Multiple Red Cell Antibodies. Accepted for AABB Annual Meeting, San Diego
- 2011 Moayeri M, Bloch E, Nguyen KT, Hirschler NV, Schwartz B, Glaser C, Hunter R, **Pandey S**. Traceback Investigation in a Recent Transplant-Associated West Nile Virus Infection. Accepted for AABB Annual Meeting, San Diego.
- 2011 Wahl S, **Pandey S**, Hirschler NV, Nguyen KT. Donor Management for Reactive, Non-confirmed Hepatitis B Surface Antigen Results. Accepted for AABB Annual Meeting, San Diego.
- 2010 **Pandey S**, Berkeley D, Treseler P, Murphy S, Prentice J, and Nambiar A. *Plasmodium malariae* Infection Due To Transfusion or Reactivation. What's to Blame? AABB Annual Meeting, Baltimore Maryland
- 2010 Losada E, Bloch E, Su L, **Pandey S**, and Nambiar A. Antibodies Targeted to Platelet-Specific Antigen HPA-5b in a Patient with Severe HLA-alloimmunization and Platelet Transfusion Refractoriness. AABB Annual Meeting, Baltimore Maryland
- 2009 Lopez-Verges S, Milush JM, **Pandey S**, Norris P, Nixon D, Lanier LL. CD57 defines a functionally unique subset of NK cells in humans. American Association of Immunologists Annual Meeting, Seattle, Washington
- 2009 Norris PJ, Carrick DM, Kleinman S, **Pandey S**, et al. Comparison of Commercial Assays to Detect HLA Antibodies. AABB Annual Meeting, New Orleans, Louisiana
- 2008 **Pandey S** and Nambiar A. Loss of T-activation in a Patient with Pneumococcal Hemolytic Uremic Syndrome; AABB Annual Meeting, Montreal, Canada.
- 2008 **Pandey S**, Hirschler NV, Su L, Nguyen KT. Deferrals Due To Unlicensed Vaccines: Are We Turning Away Safe Donors? AABB Annual Meeting, Montreal, Canada.

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2005 **Pandey S** and Herold D.. Measurement of Microalbuminuria Using the Caliper P200 Protein Chip. Lab Automation Conference, San Jose, California.

## **OTHER PUBLICATIONS**

**Pandey S.** Serologic Interference with Anti-CD38 Therapy in Multiple Myeloma Patients Primary. Blood System's Transfusion Medicine Minute. February 2016

**Pandey S.** Citrate Reactions in Platelet Donors. CBBS Today. September 2012

## **INVITED PRESENTATIONS**

### **REGIONAL AND NATIONAL MEETINGS:**

2022	CBBS Annual Meeting	Virtual	Strategies to Maintain and Adequate Platelet Supply
2022	CBBS CLS Regional Seminar	Virtual	Treatments for COVID-19
2021	AABB Annual Meeting	Virtual	Maintaining an Adequate Platelet Supply Through a Multifaceted Approach to Avoid Critical Shortages
2021	CBBS Annual Meeting	Virtual	Convalescent Plasma Update
2020	CBBS QSC Regional Seminar	Virtual	PRT PLTs
2020	CBBS Annual Meeting	Virtual	Convalescent Plasma
2020	ABC Summer Summit	Virtual	How will COVID re-shape the industry
2020	ABC Annual Meeting	Arlington, VA	Gender Identification and Blood Donation
2020	CBBS Regional Seminar	Oakland, CA	Iron Deficiency and Blood Donors
2019	AABB Annual Meeting	San Antonio, TX	Gender Identification and Blood Donation
2019	Grifols Academy for Transfusion Medicine Education	Seattle, WA	Gene Therapy in Sickle Cell Disease Technology in Blood Management
2018	CBBS Annual Meeting	Glendale, AZ	Gene Therapy in Sickle Cell Disease
2017	CDPH Public Hearing	Sacramento, CA	Spoke on behalf of Blood Centers of CA in

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			support of proposal to change CA law to allow RN availability by telehealth
2017	AABB Annual Meeting	San Diego, CA	Effective Coordination Between an Alliance of Blood Centers and Public Health
2017	America's Blood Centers Annual Meeting	Providence, RI	Gene Therapy in Sickle Cell Disease
2017	CBBS Annual Meeting	Squaw Valley, CA	Blood Center and Transfusion Service Partnerships
2017	BCP-UCSF Annual Seminar	San Francisco, CA	Zika Update and Pathogen Reduced Platelets
2017	BSI MD Meeting	Scottsdale, AZ	Revised Common Rule for Research
2016	AABB Audioconference	N/A	Blood Center/Transfusion Service Partnerships
2016	Salesforce	San Francisco, CA	Q&A Forum on MSM Deferral
2016	BSI MD Meeting	Scottsdale, AZ	Blood Center Research Activities
2015	CBBS Annual Meeting	Las Vegas, NV	Infectious Diseases: The Past, Present, & Future
2014	BCP-UCSF Annual Seminar	San Francisco, CA	Update of Ebola
2013	CBBS Regional Seminar	Oakland, CA	Transfusion Reactions
2013	BCP-UCSF Annual Seminar	San Francisco, CA	Transfusion Reactions
2013	BCC Board Meeting	Santa Barbara, CA	Paul Gann Act and Revisions to Brochure
2012	CBBS Regional Seminar	Oakland, CA	ABO-Incompatible Kidney Transplants
2012	BCP-UCSF Annual Seminar	San Francisco, CA	Platelet Refractoriness
2011	CBBS Annual Meeting	San Francisco, CA	Transfusion Reactions
2010	CBBS Regional Seminar	Sacramento, CA	Blood Management
2009	CA Association for Medical Lab Technology	Santa Clara, CA	TRALI, bacterial contamination, and platelet refractoriness
2009	Iron Conference	Reno, NV	Hemochromatosis and Blood Donation
2008	CBBS Regional Seminar	Oakland, CA	Platelet Refractoriness
2008	CBBS Annual Meeting	San Diego, CA	Septic Shock Following Transfusion of Platelets

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2007	BCP-UCSF Annual Seminar	San Francisco, CA	TRALI
2007	CBBS Regional Seminar	San Francisco, CA	TRALI

## **HOSPITAL PRESENTATIONS**

2019	Hospital Transfusion Committee (Valley Care)	Pleasanton, CA	Additive Solution in Neonates Pathogen Reduced Platelets
2018	Hospital Transfusion Committees (VASF, CHO)	San Francisco, CA	Pathogen Reduced Platelets
2017	Hospital Transfusion Committees (CPMC, ZSFGH)	San Francisco, CA	Pathogen Reduction, Blood Utilization, O-negative RBC Usage
2017	Northern CA Kaiser Lab Director Meeting	Oakland, CA	O-negative Utilization and Massive Transfusion Protocol
2016	Hospital Transfusion Committees (UCSF, CPMC, ZSFGH)	San Francisco, CA	Zika Review, Haemonetics Bag Recall, Pathogen Reduction, Type A Plasma in lieu of Type AB
2016	Northern CA Kaiser Lab Director Meeting	Teleconference	Zika Update and RBC Bag Recall Impact
2014	Seton Medical Center Patient Safety Committee	Daly City, CA	Blood Management
2012	UCSF Anesthesia Conference	San Francisco, CA	Management of a Surgical Patient with a Red Cell Antibody
2010	Sequoia Hospital Grand Rounds	Redwood City, CA	Blood Management
2010	Kaiser Grand Rounds	South San Fran, CA	Transfusion Indications and Reactions
2009	San Mateo Med Center Grand Rounds	San Mateo, CA	Blood Management
2008	Queen of the Valley Grand Rounds	Napa, CA	Transfusion Medicine Overview
2008	Novato Hospital Grand Rounds	Novato, CA	Autologous Blood Donation and Transfusion

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2006 UCSD Surgery San Diego, CA Hyperkalemia during liver transplantation  
Grand Rounds

## TEACHING

### FORMAL TEACHING

2020-present	Stanford Medical School	Hematology Lab 8: Transfusion and Antibody Cases
2018-present	Stanford CP Lecture Series	Weekly CP lecture for residents. Presented lectures on the following topics 2019-present: <i>Regulations and Inspections</i> 2018-present: <i>Donor Screening for Infectious Diseases</i>
2008-present	UCSF Core Curriculum Series	Weekly CP lectures for residents. Presented lectures on the following topics 2015-present: <i>Donation Process and Donor Eligibility</i> 2008-2017: <i>Bacterial Contamination of Blood Products</i> 2011-2013: <i>FFP, Cryo, and Factor Concentrates</i> 2012-2013: <i>CMV negative vs Leukoreduction</i>
2013-2018	Transfusion Medicine Fellowship Co-Director	Served as the Director of the Hebert Perkins Transfusion Medicine Fellowship in the Department of Lab Medicine at the University of California, San Francisco in partnership with Vitalant Research Institute.
2013-2018	Blood Center Orientation	Organized and led two half day orientation visits to the Blood Centers of the Pacific each year for UCSF CP residents and heme-onc fellows
2012	UCSF Internal Medicine Core Curriculum Series	Gave didactic lectures on Transfusion Medicine to UCSF internal medicine residents. Topics included Transfusion Reaction Cases, Pre-transfusion Testing, Blood Product Indications, and Ordering Blood in APEX
2011-2012	Transfusion Medicine Board Review Workshop	Developed and taught a transfusion medicine board review course for UCSF pathology residents
2011-2013	Transfusion Medicine Rotation for Medical Students	Developed a structured Blood Bank rotation and curriculum for medical students rotating through UCSF pathology (1-4 students/month). Course structure and content reviewed in the UCSF Educational Scholarship Conference (ESC)
2011-2013	Transfusion Medicine Rotation for Hematology Fellows	Developed a 2 hours clinically oriented transfusion medicine didactic for hematology-oncology fellows



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## INFORMAL TEACHING

- 2018-present As the Medical Director/CMO of the Stanford Blood Center I am actively involved in fellow and resident teaching at the Blood Center. I meet with residents and fellows weekly to review transfusion and blood center topics.
- 2013-2018 As Medical Director/CMO at Blood Systems, I met with the fellow regularly to discuss cases and review literature on transfusion topics. I coordinated a weekly meeting with the fellow, IRL staff and BCP physicians to review cases.
- 2010-2013 As the Assistant Medical Director of the UCSF Transfusion Service, I was actively involved in resident/fellow teaching while on service through daily discussion of cases and informal didactics on transfusion medicine topics
- 2008-2010 As the Associate Medical Director at Blood Centers of the Pacific (BCP), I provided primary supervision of the fellow during the 6 month BCP rotation. I had daily rounds with the fellow to review cases and educational topics