

Curriculum Vitae
Douglas Blackall, M.D., M.P.H.

Current Position, Institution, and Start Date 11/2016-present
Professor of Pathology, Saint Louis University School of Medicine
Medical Director, Cardinal Glennon Children's Hospital Laboratory
Medical Director, Saint Louis University Hospital Blood Bank

Education

Postgraduate Training

Fellowship in Transfusion Medicine 07/1993-12/1993
Hospital of the University of Pennsylvania
Postdoctoral Research - University of Pennsylvania 07/1991-06/1993
Residency in Clinical Pathology 07/1988-06/1991
Chief Resident 04/1990-03/1991
Hospital of the University of Pennsylvania

Graduate Degrees

Master of Public Health - Johns Hopkins University 11/2014-05/2016
Medical Doctor - University of Arkansas 08/1984-05/1988

Undergraduate Degree

B.A. Anthropology, Rhodes College 09/1979-08/1983

Previous Professional Experience

Senior Pathology Consultant, University of Massachusetts 06/2016-08/2016
Senior Lecturer, Harvard Medical School 12/2013-05/2015
Human Resources for Health - Rwanda
Butare University Teaching Hospital, Butare, Rwanda
Professor of Pathology, Global Scholars 02/2013-11/2013
Senior Pathology Consultant, Oasis Hospital 11/2010-01/2013
Al Ain, Abu Dhabi, United Arab Emirates
Professor of Pathology, University of Arkansas 07/2009-10/2010
Associate Professor of Pathology, University of Arkansas 07/2003-06/2009
(awarded tenure 2005)
Associate Professor of Pathology, UCLA 07/2002-06/2003
Assistant Professor of Pathology, UCLA 07/1998-06/2002
Assistant Professor of Pathology, University of Tennessee 01/1994-06/1998

Hospital and Clinical Staff Appointments

Glennon Children's Hospital, Laboratory Medical Director 11/2016-present
St. Louis University Hospital, Blood Bank Medical Director 11/2016-present
Brigham and Women's Hospital, Staff Pathologist 12/2013-05/2015
Oasis Hospital, Laboratory Medical Director 11/2010-01/2013
Arkansas Children's Hospital, Chief of Pediatric Pathology 09/2008-10/2010
Arkansas Children's Hospital, Laboratory Medical Director 07/2003-10/2010
UCLA Medical Center, Transfusion Medicine Medical Director 07/1998-06/2003
Regional Medical Center at Memphis, Blood Bank Director 01/1994-06/1998

Board and Licensure

(only active licenses are listed)
Missouri medical license 09/2016-present
United Arab Emirates medical license 02/2011-present
Arkansas medical license 07/2003-present
Blood Banking/Transfusion Medicine, ABP 07/1998-present

Clinical Pathology, American Board of Pathology (ABP)

11/1992-present

Professional Society Memberships

AABB (formerly, American Association of Blood Banks)
Academy of Clinical Laboratory Physicians and Scientists

Honorary Societies, Honors, and Awards

Delta Omega Public Health Honor Society, 2016, Johns Hopkins School of Public Health
Red Sash Teaching Award, 2010, University of Arkansas College of Medicine
Gold Sash Teaching Award, 2008, University of Arkansas College of Medicine
Best Doctors in America, 2006-2010 (yearly)
Clinical Pathology Resident Teaching Award, 2000 and 2003, UCLA School of Medicine
Pathology Resident Teaching Award, 1996 and 1998, University of Tennessee-Memphis
Leonard Berwick Resident Teaching Award, 1994, Hospital of the University of Pennsylvania
Transfusion Medicine Fellowship Award, 1992, American Association of Blood Banks
Young Investigator Award, 1991 and 1992, Academy of Clinical Laboratory Physicians and Scientists
National Research Service Award, 1991, National Heart, Lung and Blood Institute (NIH)
Honors in Research and Faculty Gold Key, 1988, University of Arkansas College of Medicine
Alpha Omega Alpha Honor Society, 1988, University of Arkansas College of Medicine
Barton Scholarship: 1986, 1987, and 1988, University of Arkansas College of Medicine
Buchanan Key nominee, 1987, University of Arkansas College of Medicine
University of Tennessee Alumni Award, Southwestern Scholarship, Francis and Edwina Hickman
Prize in Anthropology, 1979-1983, Rhodes College
Phi Beta Kappa, Phi Eta Sigma, and Gamma Beta Psi Honor Societies, 1979-1983, Rhodes
College

Professional Services

Committee Membership and Administrative Role

National

Member, AABB Nominating Committee, 2006-2007
Member, AABB Education Program Committee, 2004-2008
Member, Nominating and Awards Committee, Academy of Clinical Laboratory Physicians
and Scientists, 2002-2006
Chair, AABB Press Editorial Board, 2004-2008
Scientific Abstract Reviewer, AABB Annual Meeting, 2003-2009
Member, AABB Press Editorial Board, 1998-2004
Chair, Scientific Committee, California Blood Bank Society, 2002-2003
Member, Scientific Committee, California Blood Bank Society, 1999-2002
Member, AABB Blood Transfusion Therapy Work Group, 1998-1999
Member, AABB Transfusion Practices Committee, 1997-2001
Member, AABB Scientific Section Coordinating Committee, 1997- 2000

Medical School

Faculty advisor for medical students, University of Arkansas College of Medicine, 2008-2010
Medical student applicant interviewer, Univ. of Arkansas College of Medicine, 2003-2009
Preceptor, third-year UCLA medical students, UCLA School of Medicine, 2002-2003
Panelist, UCLA Medical Alumni Association Conference on Career Choices, 2002
Faculty advisor for medical students, University of Tennessee College of Medicine, 1995-1996

Department

Member, Promotion and Tenure Committee, Univ. of AR Dept. of Pathology, 2009-2010
Member, Clinical Pathology Curriculum Committee, Univ. of AR Dept. of Pathology, 2003-2010
Co-Coordinator, Weekly Seminar Series, Univ. of Tennessee Dept. of Pathology, 1994-1998

Hospital

Member, Medical Executive Committee, Oasis Hospital, 2011-2013
Member, Quality Assurance Committee, Oasis Hospital, 2011-2013
Member, Medical Executive Committee, Arkansas Children's Hospital, 2007-2010

Chair, Laboratory Utilization Committee, Arkansas Children's Hospital, 2003-2010
 Member, Transfusion Committee, Arkansas Children's Hospital, 2003-2010
 Member, Transfusion Committee, UCLA Medical Center, 1998-2003
 Member, Transfusion Committee, Regional Medical Center at Memphis, 1994-1998

Community

Member, Diggs-Kraus Sickle Cell Advocacy Council (Memphis, TN), 1996-1998
 Board Member, Lifeblood/Mid-South Regional Blood Center (Memphis, TN), 1994-1998

Editorial and Journal Review Boards

Autoimmune Diseases and Therapeutic Approaches- Editorial Reviewer
 Current Hematology Reports- Transfusion Medicine Section Editor
 ISRN Hematology- Editorial Reviewer
 Journal of Blood Disorders and Transfusion- Editorial Reviewer
 Acta Haematologica- Ad Hoc Reviewer
 African Journal of Pharmacy and Pharmacology- Ad Hoc Reviewer
 American Journal of Hematology- Ad Hoc Reviewer
 American Journal of Perinatology- Ad Hoc Reviewer
 American Journal of Tropical Medicine and Hygiene- Ad Hoc Reviewer
 Clinical Immunology- Ad Hoc Reviewer
 Journal of Clinical Apheresis- Ad Hoc Reviewer
 Journal of Pediatric Hematology and Oncology- Ad Hoc Reviewer
 Transfusion- Ad Hoc Reviewer
 Vox Sanguinis- Ad Hoc Reviewer

Past Teaching Responsibilities

Administration

Developer, Clinical Pathology Resident Curriculum, University of Rwanda	12/2013-5/2015
Coordinator, Clinical Pathology Resident Rotation, Arkansas Children's Hospital	7/2003-10/2010
Fellowship Director, Blood Banking/Transfusion Medicine, University of Arkansas	7/2004-10/2010
Course Director, Pathophysiology, University of Arkansas College of Medicine	8/2005-5/2006
Co-Coordinator, Hematopathology Module of Pathophysiology Course, UCLA	8/1999-6/2003
Fellowship Director, Blood Banking/Transfusion Medicine, UCLA School of Medicine	7/1998-6/2003
Coordinator, Transfusion Medicine Resident Rotation, UCLA School of Medicine	7/1998-6/2003
Coordinator, Transfusion Medicine Resident Rotation, University of Tennessee	1/1994-6/1998

Courses and Lecture Topics

Hematology Module (transfusion medicine), University of Rwanda	1/2014-12/2014
Pathophysiology Course (hemodynamics, coagulation, blood banking), Univ. of AR	8/2003-10/2010
Pathophysiology Course (coagulation, blood banking), UCLA School of Medicine	8/1999-6/2003
Cellular and Molecular Basis of Disease, Univ. of Tennessee Dept. of Pathology	8/1994-6/1998
Pathology Course (hemodynamics, coagulation, blood banking), Univ. of Tennessee	8/1994-6/1998

Clinical Teaching Responsibilities

Transfusion Medicine and General Laboratory Medicine, Arkansas Children's Hospital	7/2003-10/2010
Transfusion Medicine, UCLA School of Medicine	7/1998-6/2003
Transfusion Medicine, University of Tennessee College of Medicine	1/1994-6/1998

Protégé

Departmental (University of Tennessee Department of Pathology)

Research supervisor for undergraduate students

Greg Merriwether, 1997 (Christian Brothers College; Memphis, TN)
 Lan To, 1995 (Rhodes College; Memphis, TN)
 Bill Moore, 1994 (Rhodes College; Memphis, TN)

Research supervisor for medical technology students

Ylette Colwell, 1997 (University of Tennessee-Memphis; Memphis, TN)
 Brandi Crow, 1996 (University of Tennessee-Memphis; Memphis, TN)
 April Martin, 1995 (University of Tennessee-Memphis; Memphis, TN)

Research Support

Past Funding

- Co-PI, National Heart, Lung, and Blood Institute (NIH), \$628,670, 5/2003-5/2005
- Co-PI, Universities Associated for Research and Education in Pathology, \$5,000, 6/2000-5/2001
- Co-PI, Cerus Corporation, \$124,199, 2/2000-9/2001
- PI, National Blood Foundation, \$30,000, 7/1998-6/2000
- PI, University of Tennessee Medical Group, \$10,000, 10/1994-9/1995
- PI, National Blood Foundation, \$30,000, 7/1994-6/1996
- Trainee, National Research Service Award (NIH), \$60,000, 10/1991-9/1993

Bibliography

Peer-Reviewed Articles

1. Owens SM, Hardwick WC, Blackall DP. Phencyclidine pharmacokinetic scaling among species. *Pharmacol Exp Ther* 1987;242:96-101.
2. Blackall DP, Ugorski M, Smith ME, Pålsson P, Spitalnik SL. The binding of human alloantibodies to recombinant glycophorin A. *Transfusion* 1992;32:629-632.
3. Ugorski M, Blackall DP, Pålsson P, Eshleman S, Moore J, Spitalnik SL. Recombinant Miltenberger I and II human blood group antigens: the role of N-linked glycosylation in cell surface expression and antigenicity. *Blood* 1993;82:1913-1920.
4. Czerwinski ME, Blackall DP, Abrams WR, Rubocki RJ, Spitalnik SL. Restricted V_H gene usage by murine hybridomas directed against the human N, but not M, blood group antigens. *Mol Immunol* 1994;31:279-288.
5. Pålsson P, Blackall DP, Ugorski M, Czerwinski ME, Spitalnik SL. Biochemical characterization of the O-glycans on recombinant glycophorin A expressed in Chinese hamster ovary cells. *Glycoconj J* 1994;11:43-50.
6. Blackall DP, Ugorski M, Pålsson P, Shakin-Eshleman SH, Spitalnik SL. A molecular biological approach to study the fine specificity of antibodies directed to the MN human blood group antigens. *J Immunol* 1994;152:2241-2247.
7. Donnell ME, DeLuca GM, Blackall DP. Preparation and characterization of fluorescein-labeled plasma membrane vesicles from transfected Chinese hamster ovary cells. *J Immunol Methods* 1995;187:111-119.
8. DeLuca GM, Donnell ME, Carrigan DJ, Blackall DP. *Plasmodium falciparum* merozoite adhesion is mediated by sialic acid. *Biochem Biophys Res Commun* 1996;225:726-732.
9. Rozmyslowicz T, Donnell ME, Spitalnik SL, Blackall DP. Recombinant blood group antigens are useful for studying the fine specificity of antibodies against glycophorin A-encoded antigens. *Transfus Clin Biol* 1997;1:77-80.
10. Donnell ME, Martin AL, Blackall DP. Clinical utility of plasma membrane vesicles expressing recombinant glycophorin A-encoded blood group antigens. *Transfusion* 1998;38:658-662.
11. Blackall DP, Armstrong JK, Meiselman HJ, Fisher TC. Polyethylene glycol-coated red blood cells fail to bind glycophorin A-specific antibodies and are impervious to invasion by *Plasmodium falciparum* malaria parasites. *Blood* 2001;97:551-556.
12. Ockenhouse CF, Barbosa A, Blackall DP, Murphy CI, Kashala O, Dutta S, Lanar DE, Daugherty JR. Sialic acid-dependent binding of Baculovirus-expressed recombinant antigens from *Plasmodium falciparum* EBA-175 to glycophorin A. *Mol Biochem Parasitol* 2001;113:9-21.
13. Laine E, Steadman R, Calhoun L, Blackall D, et al. Comparison of RBCs and FFP with whole blood during liver transplant surgery. *Transfusion* 2003;43:322-327.
14. Baum LG, Blackall DP, Arias-Magallanos S, et al. Amelioration of graft versus host disease by galectin-1. *Clin Immunol* 2003;109:295-307.
15. Wheeler C, Calhoun L, Blackall DP. Warm reactive autoantibodies: clinical and serologic correlations. *Am J Clin Pathol* 2004;122:680-685.
16. Blackall DP. Warm-reactive autoantibodies in pediatric patients: clinical and serologic correlations. *J Pediatr Hematol Oncol* 2007;29:792-796.

17. Blackall DP, Pesek GD, Montgomery MM, et al. Hemolytic disease of the fetus and newborn due to anti-Ge3: combined antibody-dependent hemolysis and erythroid precursor cell growth inhibition. *Am J Perinatol* 2008;25:541-545.
18. Montano RF, Penichet ML, Blackall DP, et al. Recombinant polymeric IgG anti-Rh: a novel strategy for development of direct agglutinating reagents. *J Immunol Methods* 2009;340:1-10.
19. Veeraputhiran MK, Pesek GA, Blackall DP. Strict versus lenient criteria for elution testing: comparison of yields between two tertiary care medical centers. *Am J Clin Pathol* 2011;136:359-363.
20. Friedman-Klabanoff D, Ball A, Rutare S, McCall N, Blackall D. Three Rwandan children with massive splenomegaly and Epstein-Barr virus-associated lymphoproliferative disorders: case presentations and literature review. *J Pediatr Hematol Oncol* 2016; 38:158-161.

Invited Review Articles

1. Blackall DP, Uhl L, Spitalnik SL. Cryopoor plasma: rationale for use and efficacy in the treatment of thrombotic thrombocytopenic purpura (TTP). *Transfusion* 2001;41:840-844.
2. Blackall DP. Recent clinical trials with hemoglobin-based oxygen carriers. *Curr Hematol Rep* 2002;1:127-128.
3. Helekar PS, Blackall DP. Immune thrombocytopenic purpura (ITP): pathophysiology and therapy with intravenous Rh immune globulin. *Check Sample series- Transfusion Medicine* 2003;46:79-98. *American Society for Clinical Pathology*.
4. Blackall DP. TTP update: from serendipity to science. *CBBS Today* 2003;21:23-28.
5. Blackall DP. The Canadian universal leukoreduction program. *Curr Hematol Rep* 2003;2:493-494.
6. Blackall DP, Marques MB. Hemolytic uremic syndrome revisited: shiga toxin, factor H and fibrin generation. *Am J Clin Pathol* 2004;121:S81-S88.
7. Marques MB, Mayfield CA, Blackall DP. Thrombotic thrombocytopenic purpura: from platelet aggregates to plasma. *Am J Clin Pathol* 2004;121:S89-S96.
8. Blackall DP. Leukocyte reduction reduces the rate of febrile non-hemolytic transfusion reactions to platelets and red blood cells. *Curr Hematol Rep* 2004;3:435-436.
9. Blackall DP. Restricting red blood cell transfusion in preterm infants may do more harm than good. *Curr Hematol Rep* 2005;4:457-458.
10. Higgins MJ, Blackall DP. Transfusion-associated graft-versus-host disease: a serious residual risk of blood transfusion. *Curr Hematol Rep* 2005;4:470-476.
11. Mian A, Becton DL, Blackall DP, et al. Index of suspicion. *Pediatr Rev* 2009;30:139-145.
12. Blackall DP. How do I approach patients with warm-reactive autoantibodies? *Transfusion* 2011;51:14-17.
13. Blackall DP. Red blood cell autoantibodies and autoimmune hemolytic anemia. *Autoimmune Dis Ther Approaches* 2014;1:e101.

Book Chapters, Monographs, Case Reports, Electronic Media, Non-Peer-Reviewed Articles

1. Williams ST, Khare VK, Johnston GA, Blackall DP. Severe intravascular hemolysis associated with brown recluse spider envenomation: a report of two cases and review of the literature. *Am J Clin Pathol* 1995;104:463-467.
2. Williamson TD, Liles LH, Blackall DP. A maternal warm-reactive autoantibody presenting as a positive direct antiglobulin test in a neonate. *Immunohematology* 1997;13:6-8.
3. Blackall DP. Principles of red blood cell transfusion. In Spitalnik S, ed. *A primer in transfusion medicine*. Bethesda, MD: American Association of Blood Banks, 1997:1-10.
4. Adams-Graves PE, Blackall DP, Wang WC. Sickle cell anemia: new hope/new treatment. *Grace Magazine* 1997;1:16-17 and 57.
5. Blackall DP. Plasma derivatives. In Triulzi D, ed. *Blood transfusion therapy: a physician's handbook*. Bethesda, MD: American Association of Blood Banks, 1999:37-58.
6. Thurer RL, Luban NL, AuBuchon JP, et al. Universal WBC reduction. *Transfusion* 2000;40:751-752.
7. Blackall DP. Approach to acute bleeding and massive transfusion. In Hillyer CD, Hillyer KL, Strobl FJ, Jeffries LC, Silberstein LE, eds. *Handbook of transfusion medicine*. San Diego, CA: Academic Press, 2001:189-196.
8. Blackall DP, Liles LH, Talati A. In utero development of a warm-reactive autoantibody in a severely jaundiced neonate. *Transfusion* 2002;42:44-47.

9. Kwon M, Su L, Arndt P, Garratty G, Blackall DP. Clinical significance of Jr^a antibodies: report of two cases and review of the literature. *Transfusion* 2004;44:197-201.
10. Blackall DP. Intravascular hemolysis with brown recluse spider envenomation. *Transfusion* 2004;44:1543.
11. May-Wewers J, Kaiser JR, Moore EK, Blackall DP. Severe neonatal hemolysis due to a maternal antibody to the low frequency Rh antigen C^w. *Am J Perinatol* 2006;23:213-217.
12. Blackall DP. Introduction: why is a global understanding important? In Lozano M, Contreras M, Blajchman M, eds. *Global perspectives in transfusion medicine*. Bethesda, MD: AABB Press, 2006:1-4.
13. Denomme GA, Shahcheraghi A, Blackall DP, Oza KK, Garratty G. Inhibition of erythroid progenitor cell growth by anti-Ge3. *Br J Haematol* 2006;133:443.
14. Blackall DP. Blood Bank- Part 2. PathMD Board Review Letter, July 30, 2006:Volume 1, Number 5.
15. Blackall DP, Wheeler CA. Contemporaneous autoantibodies and alloantibodies. *Transfusion* 2007;47:1332.
16. Tyler LN, Harville TO, Blackall DP. Severe hemolytic transfusion reaction in a young child treated with Infliximab for systemic onset juvenile chronic arthritis. *N Engl J Med* 2007;357:2092-2093.
17. Chavez A, Mian A, Scurlock AM, Blackall D, Com G. Antibiotic hypersensitivity in CF: Drug-induced life-threatening hemolytic anemia in a pediatric patient. *J Cyst Fibros* 2010;9:433-438.
18. Blackall DP. From the laboratory perspective, how do you approach pediatric patients with warm-reactive autoantibodies? *AABB News* 2010;12:4-6.
19. Blackall DP. The laboratory approach to patients with warm-reactive autoantibodies. *Medlab Magazine* 2011;1:20-21.
20. Veeraputhiran MK, Pesek GA, Blackall DP. Strict versus lenient criteria for elution testing: comparison of yields between two tertiary care medical centers. *Am J Clin Pathol* 2011;136:477.
21. Cetin N, Blackall D. *Naegleria fowleri* meningoencephalitis. *Blood* 2012;119:3658.
22. Blackall DP. How do I approach patients with warm-reactive autoantibodies? In Shaz B, ed. *How do I...? (ten years of practical advice)*. Bethesda, MD: AABB Press, 2015:305-308.

Books Published or in Press

1. Becker J, Blackall D, Evans C, Kresie L, Mast A, Mullersman JE, Newman B, Sloan S. Guidelines for blood utilization review. AuBuchon JP, ed. Bethesda, MD: American Association of Blood Banks, 2001.
2. Helekar PS, Blackall DP, Winters JL, Triulzi DJ. *Transfusion medicine self-assessment and review*. Bethesda, MD: American Association of Blood Banks, 2002.
3. Blackall DP, Figueroa PI, Winters JL. *Transfusion medicine self-assessment and review*, 2nd edition. Bethesda, MD: AABB Press, 2009.
4. Blackall DP, Kreuter JD. *Transfusion medicine self-assessment and review*, 3rd edition. Bethesda, MD: AABB Press, in press.

Abstracts (all for national meetings)

1. Owens SM, Hardwick WC, Blackall DP. Phencyclidine pharmacokinetic scaling among species. *Fed Proc* 1987;46: 3214. (poster)
2. Owens SM, Owens RB, Blackall DP. Microbead assay for the detection of phencyclidine (PCP) by flow cytometric analysis. *FASEB J* 1989;3:A1036. (poster)
3. Blackall DP, Ugorski M, Smith ME, Spitalnik SL. A recombinant DNA approach to study the binding of human alloantibodies to glycoprotein A. *Transfusion* 1991;31:45S. (oral)
4. Blackall DP, Ugorski M, Pahlsson P, Spitalnik SL. Determination of the fine specificity of antigen-antibody interactions using mutants of recombinant glycoprotein A. *Transfusion* 1992;32:24S. (poster)
5. Czerwinski M, Blackall DP, Pahlsson P, Ugorski M, Abrams WR, Shakin-Eshleman SH, Spitalnik SL. Variable region genes from diverse V_H gene families encode mouse monoclonal anti-M antibodies. *Transfusion* 1992;32:62S. (oral)
6. Spitalnik SL, Blackall DP, Pahlsson P, Czerwinski ME, Ugorski M, Remaley AT. A recombinant approach to study the cell biology and antigenicity of human glycoprotein A. *Glycoconj J* 1993;10:258. (oral)

7. Blackall DP, Ugorski M, Pålsson P, Czerwinski M, Spitalnik SL. Recombinant human glycoprotein A functions as a receptor for the *Plasmodium falciparum* malaria parasite. *Transfusion* 1994;34:62S. (poster)
8. DeLuca GM, Donnell ME, Carrigan DJ, Blackall DP. *Plasmodium falciparum* merozoite cytoadherence is mediated by sialic acid. *Am J Trop Med Hyg* 1996;55:199. (oral)
9. Donnell ME, Martin AL, DeLuca GM, Blackall DP. Clinical utility of plasma membrane vesicles expressing recombinant glycoprotein A blood group antigens. *Transfusion* 1997;37:102S. (oral)
10. Blackall D, Colwell Y, Ellerby D. Blood group antibody detection: comparison of a novel acrylamide gel microtube test with a sensitive test tube-based method. *Blood* 1997;90:127b. (poster)
11. Flax S, Blackall D. The A₁ blood group antigen is decreased in AIDS patients with systemic fungal or bacterial infections. *Blood* 1997;90:131b. (poster)
12. Blackall DP, Carrigan DJ, Armstrong JK, Meiselman HJ, Fisher TC. Polyethylene glycol-coated red blood cells fail to bind glycoprotein A-specific antibodies and are impervious to invasion by *Plasmodium falciparum* malaria parasites. *Transfusion* 1998;38:62S. (oral)
13. Blackall DP, Talati A, Yancey JL, Liles LH. In utero development of a warm-reactive autoantibody in a severely jaundiced neonate. *Transfusion* 1998;38:89S. (oral)
14. Deitcher SR, Lee JD, Creech CB, Blackall DP. Intraoperative transfusion requirements in blood group O compared with non-group O surgical patients. *Blood* 1998;92:131b. (poster)
15. Delioukina ML, Blackall DP, Emmanouilides CE, Nanigian DB, Choi R, Luo J, Territo MC, Baum LG, Baldwin GC. Galectin-1 ameliorates the development and severity of GVHD in a murine model. *Blood* 1999;94:392a. (poster)
16. Blackall DP, Silva MA, Datta D. I don't want your blood: success of an autologous and directed blood donor program. *Transfusion* 2000;40:132S. (poster)
17. Blackall DP, Silva MA. The tragic cost of other's non-compliance. *Transfusion* 2000;40:155S. (poster)
18. Blackall DP, Datta D, Grimm PC. Informed consent for nucleic acid testing: early experience at a major academic medical center. *Transfusion* 2000;40:75S. (poster)
19. Kwon M, Calhoun L, Figueroa P, Blackall D. Evaluation of a model program to assess special blood product requests. *Transfusion* 2001;41:52S. (poster)
20. Kwon M, Amneus M, Blackall D. A Japanese patient with a J^a antibody: apparent lack of clinical significance despite multiple incompatible transfusions. *Transfusion* 2001;41:58S-59S. (oral)
21. Horowitz RE, Naritoku W, Klapper E, Blackall D, Wagar EA. Management training for pathology residents: a regional approach. *Am J Clin Pathol* 2001;116:608-609. (poster)
22. Mintz P, Steadman R, Blackall D, Petz L, Bass N, Streiff M, Ness P, McCullough J, Ramies D, Wages D, Valentine ME, Ziomek T, Corash L. Pathogen inactivated fresh frozen plasma prepared using Helinx™ technology is efficacious and well tolerated in the treatment of end-stage liver disease patients- the STEP AC trial. *Blood* 2001;98:709a. (poster)
23. Blackall DP, Anthony MA, Calhoun L, Patel S, Cryer HG. A triage system provides enhanced transfusion service support for trauma patients. *Transfusion* 2002;42:19S. (oral)
24. Mintz P, Steadman R, Blackall D, Petz L, Bass N, McCullough J, Streiff M, Ramies D, Wages D, Corash L. Pathogen inactivation of plasma using S-59 and UVA light is efficacious and well tolerated in the treatment of end-stage liver disease patients- the STEP AC trial. *Transfusion* 2002;42:15S. (poster)
25. Wheeler CA, Calhoun L, Blackall DP. Warm reactive autoantibodies: clinical and serologic correlations. *Transfusion* 2003;43:100A. (oral)
26. Blackall DP, Wheeler CA, Su L, Calhoun L. Contemporaneous autoantibodies and alloantibodies: serological and clinical features. *Transfusion* 2004;44:27A. (poster)
27. Blackall DP, Oza KK, Arndt PA, Garratty G, Denomme GA. Hemolytic disease of the newborn due to anti-Ge3: combined antibody-dependent hemolysis and erythroid precursor inhibition. *Transfusion* 2005;45:6A. (oral)
28. Blackall DP. Pediatric warm reactive autoantibodies: clinical and serologic correlations. *Transfusion* 2005; 45:7A. (oral)
29. Denomme GA, Shahcheraghi A, Blackall DP, Oza KK, Garratty G. Inhibition of erythroid progenitor cell growth by antibodies against determinants on glycoprotein C. *Transfusion* 2005;45:28A. (oral)

30. Tyler LN, Shirley DA, Harville TO, Blackall DP. Severe delayed hemolytic transfusion reaction in a young child treated with Infiximab for systemic juvenile chronic arthritis. *Transfusion* 2006;46:119A. (poster)
31. Pesek GD, Scrape SR, Blackall DP. Standardized assessment of pediatric transfusion reactions: premedication may not be the answer. *Transfusion* 2008;48:255A. (oral)
32. Scrape SR, Pesek GD, Blackall DP. Red cell autoantibodies in pediatric sickle cell patients receiving multiple blood transfusions. *Transfusion* 2008;48:55A. (poster)
33. Veeraputhiran MI, Pesek GD, Blackall DP. Strict versus lenient criteria for elution testing: comparison of yields between two tertiary care medical centers. *Transfusion* 2010;50:165A. (poster)

Supplemental Material

Invited Talks/Grand Rounds

1. "A Pathologist's Take on Global Health: From Arkansas, to the UAE, Rwanda, and Beyond"; presented to the Department of Pathology at Columbia University; New York, NY; July 29, 2014.
2. "Work-up and Management of Warm Autoantibodies"; presented at the 2014 annual meeting of the California Blood Bank Society; Lake Tahoe, NV; May 2, 2014.
3. "A Transfusion Reaction Primer"; presented in the Hematology section of MEDLAB at the Arab Health Congress; Dubai, United Arab Emirates; January 27, 2011.
4. Transfusion Medicine Lectures (5) in "Recent Advances in Laboratory Medicine"; presented by Scientific Symposiums, Inc.; Kona, Hawaii; October 10-13, 2005.
5. "Red Cell Autoantibodies: Clinical and Laboratory Correlations" presented at the weekly Grand Rounds of the Department of Pediatrics, Arkansas Children's Hospital, Little Rock, AR; June 7, 2005.
6. "Red Cell Autoantibodies: Clinical and Serologic Correlations" presented at the monthly Grand Rounds of the Department of Pathology, University of Arkansas for Medical Sciences College of Medicine, Little Rock, AR; May 27, 2005.
7. "Therapeutic Hemapheresis Overview" presented at the annual meeting of the Tennessee Association of Blood Banks, Nashville, TN; April 15, 2005.
8. "A Transfusion Reaction Primer" presented at the monthly Grand Rounds of the Department of Nursing at Arkansas Children's Hospital, Little Rock, AR; September 7, 2004.
9. "Sickle Cell Transfusion Therapy: Preventing Alloimmunization" presented at the weekly continuing education meeting of the Blood Center of Southeastern Wisconsin, Milwaukee, WI; May 13, 2004.
10. "Transfusion-Related Acute Lung Injury (TRALI)" presented at the annual meeting of the California Blood Bank Society, Palm Springs, CA; May 2, 2003.
11. "Pediatric Transfusion Therapy: The Nuts and Bolts for Boys and Girls" presented at the weekly Grand Rounds of the Harbor-UCLA Department of Pathology, Torrance, CA; March 21, 2003.
12. "Transfusions for Tots: Controversies in Neonatal Transfusion Practice" presented at a California Blood Bank Society Medical Technologists Regional Seminar, Los Angeles, CA; March 1, 2003.
13. "Creating Designer Red Blood Cells: Innovations in Transfusion Therapy for the 21st Century" presented at the weekly Grand Rounds of the UCLA Department of Pathology and Laboratory Medicine, Los Angeles, CA; January 8, 2003.
14. "Thrombotic Thrombocytopenic Purpura (TTP) Update" presented at the annual meeting of the Tennessee Association of Blood Banks, Nashville, TN; April 19, 2002.
15. "Blood Component Therapy: An Update on Logistics and a New Way of Addressing Trauma Patient Needs" presented at the weekly Grand Rounds of the UCLA Department of Anesthesiology; February 6, 2002.
16. "Blood Product Utilization and Irradiation of Cellular Components" presented at the weekly Grand Rounds of Community Memorial Hospital, Ventura, CA; January 22, 2002.
17. "Therapeutic Hemapheresis" presented at the weekly Grand Rounds of South Coast Medical Center, Laguna Beach, CA; December 11, 2001.

18. "Appropriate Blood Product Utilization" presented at the weekly Grand Rounds of Northridge Hospital, Northridge, CA; November 13, 2001.
19. "Blood Product Utilization: The Dos and the Don'ts" presented at the weekly Grand Rounds of White Memorial Medical Center, Los Angeles, CA; May 10, 2001.
20. "Creating Designer Red Blood Cells: Innovations in Transfusion Therapy for the 21st Century" presented at the weekly Grand Rounds of Eisenhower Medical Center, Rancho Mirage, CA; March 15, 2001.
21. "Blood Product Utilization: The Dos and the Don'ts" presented at the weekly Grand Rounds of South Coast Medical Center, Laguna Beach, CA; March 13, 2001.
22. "Transfusion Service Support for Hematopoietic Progenitor Cell Transplantation" presented at a California Blood Bank Society Medical Technologists Regional Seminar, Los Angeles, CA; January 27, 2001.
23. "Antibodies and Bacteria: A New Perspective on Transfusion Safety" presented at the weekly Grand Rounds of the Harbor-UCLA Department of Pathology, Torrance, CA; January 19, 2001.
24. "Pediatric Transfusion Therapy: The Nuts and Bolts for Boys and Girls" presented to the medical staff at Cedars-Sinai Medical Center, Los Angeles, CA; November 16, 2000.
25. "Pediatric Transfusion Therapy: The Nuts and Bolts for Boys and Girls" presented to the medical staff at Presbyterian Inter-Community Hospital, Whittier, CA; November 13, 2000.
26. "The Nuts and Bolts of Blood Component Transfusion: Ordering, Testing, Distribution and Infusion" presented at the weekly Grand Rounds of the UCLA Department of Anesthesiology; September 6, 2000.
27. "Appropriate Blood Product Utilization" presented to the medical staff at Encino/Tarzana Regional Medical Center, Tarzana, CA; April 10, 2000.
28. "Innovations in Immunohematology: The Ortho Gel Test" presented as part of the Bill Stone Distinguished Speaker Series at the South Texas Blood and Tissue Center, San Antonio, TX; December 8, 1999.
29. "Biochemistry and Molecular Biology of the Duffy Blood Group"; presented at the annual meeting of the American Association of Blood Banks; San Francisco, CA; November 10, 1999.
30. "Safety of the Blood Supply: Antibodies, Bugs and Beyond" presented at the interim meeting of the Southern California Branch of the American Society of Microbiology, Burbank, CA; July 15, 1999 and La Jolla, CA; July 16, 1999.
31. "Malaria" presented to the medical staff of Centinela Hospital, Los Angeles, CA; April 29, 1999.
32. "Immunohematological Advances in Clinical Transfusion Medicine: Red Blood Cell Membrane Modification" presented at the annual meeting of the California Blood Bank Society, Irvine, CA; April 17, 1999.
33. "Recombinant Blood Group Antigens: Coming Soon to a Blood Bank Near You" presented at the annual meeting of the California Blood Bank Society, Irvine, CA; April 16, 1999.
34. "A Murine Bone Marrow Transplantation Model of Graft Versus Host Disease: Amelioration by Galectin-1" presented at the weekly research conference of the Jonsson Comprehensive Cancer Center, UCLA Medical Center; February 4, 1999.
35. "Therapeutic Hemapheresis: What is it?" presented to the medical staff of Centinela Hospital, Los Angeles, CA; November 16, 1998.
36. "Blood Transfusion: Indications and Appropriate Patient Identification" presented at the weekly Grand Rounds of the UCLA Department of Anesthesiology; October 14, 1998.
37. "Bone Marrow Transplantation: Role of Transfusion Medicine" presented at a quarterly continuing education conference for UCLA clinical laboratory staff; October 10, 1998.
38. "The Appropriate Use of Blood Products"; presented to the medical staff of Antelope Valley Hospital, Lancaster, CA; September 9, 1998.
39. "Blood Product Utilization: The Dos and the Don'ts"; presented to the medical staff of Pacific Alliance Medical Center, Los Angeles, CA; August 31, 1998.
40. "The Gel Test: New Technology to Detect Blood Group Antigens and Antibodies"; American Society of Clinical Pathology; May 21, 1998.

41. "Transfusion Therapy for Sickle Cell Disease"; presented to clinical laboratory staff at Methodist Hospital, Memphis, TN; April 29, 1998.
42. "Blood Transfusion"; guest on a weekly radio call-in show (UTMG HealthCall) on WMC-79; November 9, 1997.
43. "Differential Binding of Glycophorin A-Specific Monoclonal Antibodies to Red Blood Cell and Recombinant Glycophorin A"; presented at the third Current Topics in Gene Expression Systems meeting (sponsored by Invitrogen Corporation); November 3, 1997.
44. "Routine Serological Testing Using the Gel System"; presented at the annual meeting of the Pennsylvania Association of Blood Banks; June 5, 1997.
45. "Transfusion Therapy for Sickle Cell Disease: Conquests, Complications and Controversies"; presented at the annual meeting of the Tennessee Association of Blood Banks; May 1, 1997.
46. "Human Blood Group Glycophorins: Molecular Characterization of Antibody and Parasite Binding Using Recombinant Technology"; presented at Christian Brothers University (Memphis, TN); April 7, 1997.
47. "Molecular Characterization of Early Events in the Invasion of Red Blood Cells by *Plasmodium falciparum* Malaria"; presented at the Department of Pathology and Laboratory Medicine of the Hospital of the University of Pennsylvania; December 6, 1996.
48. "The Ortho Diagnostic Systems' ID-Micro Typing System: Experience from The Regional Medical Center at Memphis"; presented at the Department of Pathology and Laboratory Medicine of the Hospital of the University of Pennsylvania; May 14, 1996.
49. "Blood Transfusion"; guest on a weekly radio call-in show (UTMG HealthCall) on WMC-79; May 5, 1996.
50. "Transfusion Medicine 101: From the Blood Bank to the Bedside"; presented at the University of Washington, Department of Laboratory Medicine's weekly Grand Rounds; April 24, 1996.
51. "Transfusion Medicine 101: The Pathologist as Clinician"; presented at the monthly meeting of the Memphis Society of Clinical Laboratory Sciences; March 4, 1996.
52. "Understanding the Invasion of Human Red Blood Cells by *Plasmodium falciparum* Malaria"; presented at the monthly meeting of the Southern Association of Clinical Microbiology; February 27, 1996.
53. "A Recombinant System for Determining the Fine Specificity of *Plasmodium falciparum* Interactions with the Human Glycophorin Blood Group Antigens"; presented at the annual meeting of the American Society of Tropical Medicine and Hygiene; San Antonio, TX; November 20, 1995.
54. "Chinese Hamster Ovary Cells Expressing Recombinant Glycophorin Blood Group Antigens: A Model System for Defining the Fine Specificity of Immunological and Microbial Interactions"; presented at the 1995 Gordon Research Conference on Red Cells; Plymouth, NH; August 10, 1995.
55. "Human Blood Group Glycophorins: Immunological Interactions and Function as a Receptor for the *Plasmodium falciparum* Malaria Parasite"; presented at the quarterly meeting of the Greater Memphis Association of Blood Banks; September 15, 1994.
56. "Determination of the Fine Specificity of Antigen-Antibody Interactions Using Mutants of Recombinant Glycophorin A"; presented at the 1992 annual meeting of the Academy of Clinical Laboratory Physicians and Scientists; June 5, 1992.
57. "An Approach to the Study of Antigen-Antibody Interactions Using Recombinant Glycophorin A"; presented at the twelfth annual Philadelphia Immunology Conference; October 17, 1991.
58. "A Recombinant DNA Approach to the Study of Antigen-Antibody Interactions in Transfusion Medicine"; presented at the 1991 annual meeting of the Academy of Clinical Laboratory Physicians and Scientists; June 7, 1991.
59. "ITP and TTP"; presented in the 1991 annual lecture series of the Southeast Chapter of the Pennsylvania Society for Medical Technology; May 15, 1991.
60. "DIC and the Effect of Drugs on the Coagulation Pathways"; presented in the 1990 annual lecture series of the Southeast Chapter of the Pennsylvania Society for Medical Technology; October 8, 1990.
61. "Immunological Studies of a Phencyclidine-like Endogenous Ligand"; presented at the University of Arkansas for Medical Sciences' annual student research day; October 29, 1987.

Technology Transfer

Ortho-Clinical Diagnostics- Scientific Advisory Board
PhenoTech- Scientific Advisory Board

Community Service/Civic Activities

Chair, Pastor Nominating Committee, Sherman Oaks Presbyterian Church, Los Angeles, CA
Volunteer, Honduras medical missions trips, Trinity Presbyterian Church, Little Rock, AR
Volunteer, Honduras medical mission trip, Love-Truth-Care Ministries, Little Rock, AR
Volunteer, Shepherds Hope Neighborhood Health Center, Little Rock, AR
Founding Medical Director, Esperanza Neighborhood Health Center, Little Rock, AR

Consulting

University of Massachusetts School of Medicine- Pathology Consultant for a CDC grant
CURE Management Services- Pathology Consultant for international laboratory implementation