

**TIM R. RANDOLPH**

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5025 Romaine Spring Dr., Fenton, MO 63026 – (314) 920-0354

Updated 08-3-23

**EDUCATION:**

- 2008                    Ph.D. in Hematology  
Warnborough College, Canterbury, Kent, UK  
(Dissertation Title: Hemoglobin Solubility Test Method to Differentiate  
Sickle Cell Trait from Sickle Cell Disease)
- 1995                    Ph.D. in Pathology ABD  
Saint Louis University, St. Louis, Missouri
- 1987                    Master of Science in Medical Technology (Hematology and Immunology)  
Medical College of Virginia, Richmond, Virginia  
(Thesis Title: The Mast Cell-Committed Progenitor: Enrichment and  
Growth on Embryonic Skin Monolayers)
- 1983                    Bachelor of Science, Medical Technology  
Sangamon State University  
Springfield, Illinois
- 1981                    Associate of Science  
Olney Central College  
Olney, Illinois

**CERTIFICATION:**

- 2002                    National Certification Agency (NCA)  
CLS #321507012
- 1983                    American Society of Clinical Pathologists (ASCP)  
Board of Registry  
MT #155259

**UNIVERSITY APPOINTMENTS:**

2021-Present	Tenured, Professor Department of Clinical Health Sciences Doisy College of Health Sciences Saint Louis University St. Louis, Missouri
2017-2021	Tenured, Associate Professor Department of Clinical Health Sciences Doisy College of Health Sciences Saint Louis University St. Louis, Missouri
2012-2017	Chair, Tenured Associate Professor Department of Biomedical Laboratory Science Doisy College of Health Sciences Saint Louis University St. Louis, Missouri.
2011-2012	Interim Chair, Tenured Associate Professor Department of Biomedical Laboratory Science Doisy College of Health Sciences Saint Louis University St. Louis, Missouri.
2008-2011	Tenured, Associate Professor Department of Biomedical Laboratory Science (formerly Clinical Laboratory Science) Doisy College of Health Sciences Saint Louis University St. Louis, Missouri.
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1992-2008	Assistant Professor Department of Clinical Laboratory Science School of Allied Health Professions Saint Louis University St. Louis, Missouri.
1995-1997	Instructor, Phlebotomy Program IHM Health Studies Center A subsidiary of Barnes Hospital and St. Louis University Hospital St. Louis, Missouri.

3 Tim R. Randolph revised 03/30/2022

1987-1992            Instructor  
Department of Medical Technology  
School of Allied Health Professions  
Saint Louis University  
St. Louis, Missouri.

1987                    Instructor, Medical Technology Program  
Department of Community Health and Rehabilitation  
Norfolk State University  
Norfolk, Virginia

**PROFESSIONAL EXPERIENCE:**

2000-present        Lab Consultant, >30 Haitian Clinics & Hospitals, Randolph World  
Ministries, Inc. Fenton, MO

1986-1987            Staff Medical Technologist, Temporary Laboratory Service, Richmond,  
Virginia.

1983-1985            Staff Medical Technologist, Memorial Medical Center, Springfield, Illinois.

1982-1983            Staff phlebotomist, Memorial Medical Center, Springfield, Illinois.

**GRANTS:**

**Funded**

07/22--12/23        No-cost extension granted: ASCLS Education and Research Fund. Effect of  
Exercise on Resting Biomarkers in Sickle Cell Trait. \$5,000. Grant PI.  
Proposal ID#: 22633. (7/1/2019-6/30/2020)

11/22-12/23        No-cost extension granted. Jack DeLoss Taylor Charitable Trust,  
Continuation Grant. Sickle Cell Anemia in Haiti: Turning Death to Life  
through Novel Testing and Adequate Therapy. \$5,000.00. Grant PI.  
Proposal ID: 310976.

07/21--07/22        No-cost extension granted: ASCLS Education and Research Fund. Effect of  
Exercise on Resting Biomarkers in Sickle Cell Trait. \$5,000. Grant PI.  
Proposal ID#: 22633. (7/1/2019-6/30/2020)

11/21-11/22        Jack DeLoss Taylor Charitable Trust, Continuation Grant. Sickle Cell  
Anemia in Haiti: Turning Death to Life through Novel Testing and  
Adequate Therapy. \$5,000.00. Grant PI. Proposal ID: 310976.

4 Tim R. Randolph revised 03/30/2022

- 04/21-6/23 No-cost extension. DeNardo Education and Research Fund, Active Learning Through Research. \$100,000. Grant Co-I (Heuertz PI) Proposal ID#: 22565. (4/1/2019-12/31/2020)
- 07/20--07/21 No-cost extension granted: ASCLS Education and Research Fund. Effect of Exercise on Resting Biomarkers in Sickle Cell Trait. \$5,000. Grant PI. Proposal ID#: 22633. (7/1/2019-6/30/2020)
- 01/20-12/20 Athleticare Sports Health Foundation. Effect of Exercise on Abnormal Baseline Biomarkers in Sickle Cell Trait. \$1,500. Grant Co-PI. Proposal #:23239. (01/01/2020-12/31/2020)
- 11/19-11/20 Jack DeLoss Taylor Charitable Trust, Continuation Grant. Sickle Cell Anemia in Haiti: Turning Death to Life through Novel Testing and Adequate Therapy. \$5,000.00. Grant PI. Proposal ID: 22973. (9/11/2019-09/10/2020)
- 07/19-07/20 Transgender Health Collaborative. Applied Health Sciences Research Grant Program. \$18,980. Grant Role: Co-I (Whitney Linsenmeyer: PI).
- 04/19-21/20 DeNardo Education and Research Fund, Active Learning Through Research. \$100,000. Grant Co-I (Heuertz PI) Proposal ID#: 22565. (4/1/2019-12/31/2020)
- 07/19-07/20 ASCLS Education and Research Fund. Effect of Exercise on Resting Biomarkers in Sickle Cell Trait. \$5,000. Grant PI. Proposal ID#: 22633. (7/1/2019-6/30/2020)
- 09/18-10/19 Jack DeLoss Taylor Charitable Trust, Continuation Grant. Sickle Cell Anemia in Haiti: Turning Death to Life through Novel Testing and Adequate Therapy. \$5,000.00. Grant PI. Proposal ID#: 22061. (9/11/2018-9/10/2019)
- 04/17-5/19 DeNardo Education and Research Fund, Active Learning Through Research. \$100,000. Grant Co-I (Heuertz PI). Proposal ID#: 20976 (4/1/2017-5/31/2019)
- 09/17-09/18 Jack DeLoss Taylor Charitable Trust, Continuation Grant. Sickle Cell Anemia in Haiti: Turning Death to Life through Novel Testing and Adequate Therapy. \$5,000.00. Grant PI. Proposal ID#: 21129. (9/11/2018-9/10/2018)
- 11/16-10/17 SLU Sparks Grant, Evaluation of the PFA-100 Instrument to detect Platelet Activation Following the Consumption of an Energy Drink. \$1,000, Grant

5 Tim R. Randolph revised 03/30/2022

Co-I. (Newsham PI)

- 06/16-05/17 Jack DeLoss Taylor Charitable Trust, Continuation Grant. Sickle Cell Anemia in Haiti: Turning Death to Life through Novel Testing and Adequate Therapy. \$4,000.00. Grant PI. Proposal ID#: 20462 (9/11/2016-9/10/2017)
- 07/15-06/16 ASCLS Education & Research Grant-in- Aid (unrestricted), Extension of Grant, Mechanisms and Laboratory Documentation of Adverse Events in Athletes with Sickle Cell Trait. \$5,000.00. Grant PI. Proposal ID#: 15115
- 06/15-05/16 Jack DeLoss Taylor Charitable Trust, Continuation Grant, Sickle Cell Anemia in Haiti: Turning Death to Life through Novel Testing and Adequate Therapy. \$4,000.00. Grant PI. Proposal ID#: 19237 (9/11/2015-9/10/2016)
- 03/15-12/16 DeNardo Education and Research Foundation, Extension of Grant, Student Scholarships for Health Science Research and Development of a Health Science Lectureship Series. \$76,000. Grant Co-PI. (Heuertz PI). Proposal ID#: 18975. (4/1/2015-12/31/2016)
- 07/14-06/15 ASCLS Education & Research Grant-in- Aid (unrestricted), Extension of Grant, Mechanisms and Laboratory Documentation of Adverse Events in Athletes with Sickle Cell Trait. \$5,000.00. Grant PI. Proposal ID#: 15115
- 06/14-05/15 Jack DeLoss Taylor Charitable Trust, Continuation Grant, Sickle Cell Anemia in Haiti: Turning Death to Life through Novel Testing and Adequate Therapy. \$3,500.00. Grant PI. Proposal ID#: 17512. (9/1/2014-6/30/2015)
- 07/13-06/14 ASCLS Education & Research Grant-in- Aid (unrestricted), Extension of Grant, Mechanisms and Laboratory Documentation of Adverse Events in Athletes with Sickle Cell Trait. \$5,000.00. Grant PI. Proposal ID#: 15115
- 06/13-05/14 Jack DeLoss Taylor Charitable Trust, Continuation Grant, Sickle Cell Anemia in Haiti: Turning Death to Life through Novel Testing and Adequate Therapy. \$3,500.00. Grant PI. Proposal ID#: 17512. (7/1/2013-6/30/2014)
- 03/13-12/14 DeNardo Education and Research Foundation. Student Scholarships for Health Science Research and Development of a Health Science Lectureship Series. \$148,000. Grant Co-PI. (Ezekiel PI). Proposal ID#: 17121. (4/1/2013-12/31/2014)
- 07/12-06/13 ASCLS Education & Research Grant-in- Aid (unrestricted). Extension of

6 Tim R. Randolph revised 03/30/2022

Grant, Mechanisms and Laboratory Documentation of Adverse Events in Athletes with Sickle Cell Trait. \$5,000.00. Grant PI. Proposal ID#: 15115

06/12-05/13 Jack DeLoss Taylor Charitable Trust, Continuation Grant, Sickle Cell Anemia in Haiti: Turning Death to Life through Novel Testing and Adequate Therapy. \$3,000.00. Grant PI. Proposal ID#: 16267. (7/1/2012-4/1/2013)

06/11-05/12 ASCLS Education & Research Grant-in- Aid (unrestricted). Mechanisms and Laboratory Documentation of Adverse Events in Athletes with Sickle Cell Trait. \$5,000.00. Grant PI. Proposal ID#: 15115. (7/1/2011-7/1/2016)

06/11-05/12 Jack DeLoss Taylor Charitable Trust. Continuation Grant, Sickle Cell Anemia in Haiti: Turning Death to Life through Novel Testing and Adequate Therapy. \$3,000.00. Grant PI. Proposal ID#: 15106. (7/1/2011-6/30/2012)

06/10-05/11 Jack DeLoss Taylor Charitable Trust. Continuation Grant, Sickle Cell Anemia in Haiti: Turning Death to Life through Novel Testing and Adequate Therapy. \$1,000.00. Grant PI. Proposal ID#: 14133. (7/1/2010-6/30/2012)

07/09-06/10 ASCLS Education & Research Grant-in- Aid (unrestricted). Field Testing of the Modified Hemoglobin Solubility Test (MHST) in Haiti. \$3,000.00. Grant PI. Proposal ID#: 13196. (8/1/2019-7/31/2010)

06/09-05/10 Jack DeLoss Taylor Charitable Trust. Continuation Grant, Sickle Cell Anemia in Haiti: Turning Death to Life through Novel Testing and Adequate Therapy. \$1,000.00. Grant PI. Proposal ID#: 12989. (7/1/2009-6/30/2010)

06/08-05/09 Jack DeLoss Taylor Charitable Trust. Sickle Cell Anemia in Haiti: Turning Death to Life through Novel Testing and Adequate Therapy. \$1,000.00. Grant PI. Proposal ID#: 11709. (6/1/2008-5/31/2009).

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03/05-02/06 Missouri Scholarship Fund sponsored by Missouri Organization for Clinical Laboratory Science (MoCLS). Understanding of, and Support for, Registration, Certification and Licensure Among Clinical Laboratory Professionals. \$682.35. Grant PI.

05/03-04/04 Saint Louis University VOICES Project Sustainability Grant, Instilling Principles of Faith-Based Service Through Medical Missions to Third World Countries. \$2,500.00. Grant PI.

7 Tim R. Randolph revised 03/30/2022

- 03/03-08/03 Saint Louis University Summer Research Award. The Role of Fibrinogen in Platelet Aggregometry Assays. \$3,269.01. Grant PI.
- 12/01- 11/02 SAHP Faculty Development Research Award. The Binding of Fibrinogen to Resting Platelets. \$2,542.05. Grant PI.
- 04/99-08/99 Saint Louis University Summer Research Award. Development of a Capillary Erythrocyte Sedimentation Rate (MicroESR) and Correlation with the Standard Westergren and Wintrobe Methods. \$3,287.00. Grant PI.
- 08/96-07/97 School of Allied Health Professions Faculty Development Research Award. Systems of In Vitro Spherocyte Induction and Mechanisms of Spherocyte Formation. \$1,659.90. Grant PI.
- 04/96-03/97 Beaumont Faculty Development Fund. The Erythrocyte Sedimentation Rate (ESR) as a Surrogate Tumor Marker, Phase II. \$2,992.00. Grant PI.

**Submitted but not funded**

- 02/2020 National Athletic Trainer's Association Research and Education Foundation. Biomarkers to predict and identify pathophysiological response to submaximal exercise in sickle cell trait individuals. \$49,993.46 direct; \$7,499 indirect. Grant co-PI. (Kitty Newsham, Co-PI).
- 02/2020 NIH R21. The Effect of Exercise on Clinical Biomarkers in individuals with Sickle Cell Trait. \$274,347 direct; \$141,289 indirect. Grant PI
- 04/2019 SLU - Research Growth Fund. Transgender Health Collaborative. \$25,000. Grant Co-I (Whitney Linsenmeyer, PI).
- 02/2019 National Athletic Trainer's Association Research and Education Foundation. Biomarkers to predict and identify pathophysiological response to submaximal exercise in sickle cell trait individuals. \$50,000. Grant co-PI. (Kitty Newsham, Co-PI).
- 11/2018 SLU - Research Growth Fund. Transgender Health Collaborative. \$25,000. Grant Co-I (Whitney Linsenmeyer, PI).
- 10/2018 SLU - President's Research Fund. Biomarkers to Predict the Risk of Abnormal Pathology and Exertional Events in Sickle Cell Trait. \$25,000. Grant PI. Not funded.
- 01/2017 SLU Interdisciplinary Health Science Research Opportunity. A Pilot Study to Determine Viable But Not Culturable Bacteria in a Biosand Drinking Water Unit. \$9,941.12. Grant Co-I (Lewis PI). Not funded.

- 03/2011 SLU Beaumont Faculty Development Grant. Development of a New ELISA Assay to Measure Anti- F<sub>cγ</sub>R Antibodies in Human Serum. \$4,875.00. Grant PI.
- 10/2008 Clinical and Translational Research Funding Program. Diagnosis, Monitoring, and Therapy for Sickle Cell Anemia in Developing Countries. \$175,115 over 2 years. Grant PI.
- 03/2005 Saint Louis University Summer Research Award. Modification of the Hemoglobin Solubility Test to Determine Sickle Cell Zygosity in Patients in Developing Countries. \$2,628.10. Grant PI.
- 01/2002 Saint Louis University Summer Research Award. Fibrinogen Binding and Fibrinogen Receptor Expression on Resting Platelets. \$3,052.95. Grant PI.
- 01/1996 SAHP Faculty Development Research Award. Systems of In Vitro Spherocyte Formation. \$1,659.00. Grant PI.
- 04/1994 Beaumont Faculty Development Fund. The Erythrocyte Sedimentation Rate (ESR) as a Surrogate Tumor Marker, Phase II. \$2,860.00. Grant PI.

**Letters of Intent**

- 07/2023 Ansara Family Fund - Development of a Sickle Care Center in Saint Marc,, Haiti. \$10,000
- 07/2018 Bill and Melinda Gates Foundation - Global Health Section - Maternal, Newborn, Child Health. Reducing Mortality from Sickle Cell Disease in Underdeveloped Countries. \$100,000.
- 10/2010 Bill and Melinda Gates Foundation - Grand Challenges Explorations. Reversing Childhood Deaths from Sickle Cell Anemia in Underdeveloped Countries Through the Development of Comprehensive Sickle Cell Centers. \$92,580.
- 11/2010 InnoCentive Extraordinary & Unorthodox Philanthropy Challenge, Reversing Childhood Deaths from Sickle Cell Anemia in Underdeveloped Countries Through the Development of Comprehensive Sickle Cell Centers. \$92,580. (not funded)
- 03/2008 Jack DeLoss Taylor Charitable Trust (funding 03-08)
- 01/2006 The Rolander Family Foundation (return to sender)  
The Kuehner Brothers Foundation, Inc. (no response)



The Edwards Family Mission Foundation (no response)  
John and Maria Laffin Trust (no response)

06/2006 Child Health Foundation (missed deadline)  
Conservation, Food and Health Foundation, Inc. (unable to fund)  
Jack DeLoss Taylor Charitable Trust (asked to submit grant for 2007)  
The Children's Investment Fund Foundation (no response)  
The Friedland Foundation, Inc. (no response)

06/2007 Develop, validate, and implement a new sickle cell test for underdeveloped countries. Gates Foundation - Global Health. \$111,210 (Not invited to apply 09-07)

**PATENTS:**

2016 Awarded US patent entitled: Method of Hemoglobin F Determination. Patent #: US 9/448,230. Issued on September 20, 2016.

2013 Filed Provisional Patent entitled: Method of Hemoglobin-F Determination. Application # 14/443,676. Filed on November 21, 2013.

2013 Awarded US patent entitled: Sickle Confirm Modified Hemoglobin Solubility Test. Patent #: US 13/238,272. Issued on 08-26-2013

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2011 Filed Provisional Patent entitled: Sickle Confirm Modified Hemoglobin Solubility Test.

**INTELLECTUAL PROPERTY DISCLOSURES SUBMITTED:**

2017 Falling Drop Method to measure total blood hemoglobin that does not require batteries or electricity, for use in resource-poor countries.

2017 HbC Assay: A low cost method to ID and potentially distinguish zygosity in patients with HbC, for use in resource-poor countries.

2012 Method of Hemoglobin-F Determination. An inexpensive method to quantitate HbF in human blood to monitor treatment of sickle cell using hydroxyuria.

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2010 Sickle Confirm Modified Hemoglobin Solubility Test to detect HbS and determine zygosity that does not require batteries or electricity for use in resource-poor countries.

**PROFESSIONAL MEMBERSHIPS:**

- 2014-Present American Society for Clinical Laboratory Science – Missouri (ASCLS-MO)
- 1988-Present American Society for Clinical Laboratory Science (ASCLS)
- 1988-2014 Missouri Organization for Clinical Laboratory Science (MoCLS) (Name Change from MoCLS to ASCLS-MO in 2014)

**PROFESSIONAL SERVICE:**

**National**

- 2019-present: Consulting Editor, *Clinical Laboratory Science*, the Journal of the American Society for Clinical Laboratory Science.
- 2018-2019 Chair, Mentorship Committee, American Society for Clinical Laboratory Science (ASCLS).
- 2015-present Member, Mentorship Program Committee, American Society for Clinical Laboratory Science (ASCLS).
- 2015-2016 Member, Leadership Development Committee, American Society for Clinical Laboratory Science (ASCLS).
- 2014-2015 Senior Board Member, Alpha Mu Tau Fraternity, American Society for Clinical Laboratory Science (ASCLS).
- 2013-2014 Junior Board Member, Alpha Mu Tau Fraternity, American Society for Clinical Laboratory Science (ASCLS).
- 2013-2015 Chair, Leadership Development Committee, American Society for Clinical Laboratory Science (ASCLS).
- 2013 Co-Chair, Leadership Development Committee, American Society for Clinical Laboratory Science (ASCLS).
- 2013 Manuscript Reviewer, Detection of sickle cell hemoglobin by a rapid method and genotyping of febrile patients in Leogane, Haiti. Carter, TE. et.al. *Tropical Medicine and International Health*, TMIH-D-13-00069.
- 2009-2013 Committee Member, DCLS Oversight Committee, American Society for Clinical Laboratory Science (ASCLS).

11 Tim R. Randolph revised 03/30/2022

- 2009-2012 ASCLS Board Liason, Awards Committee, American Society for Clinical Laboratory Science (ASCLS).
- 2009-2012 ASCLS Board Liason, Abstract Review Committee, American Society for Clinical Laboratory Science (ASCLS).
- 2009-2012 ASCLS Board Liason, Research Task Force, American Society for Clinical Laboratory Science (ASCLS).
- 2009-2012 ASCLS Representative, NAACLS Global Task Force, American Society for Clinical Laboratory Science (ASCLS).
- 2009-2012 Board of Directors, American Society for Clinical Laboratory Science (ASCLS).
- 2009-2010 Committee Member, Research Task Force, American Society for Clinical Laboratory Science (ASCLS).
- 2008 Invited grant reviewer for the National Health Laboratory Services (NHLS), Pathology Research Award. Project Title: The Identification of Molecular targets in HIV Related Lymphoma.
- 2008-2009 Committee Member, CEAC for Hematology/Hemostasis, program planning for the 2009 ASCLS National Meeting in Chicago, IL.
- 2007-2009 Committee Member, DCLS Transition Committee, American Society for Clinical Laboratory Science (ASCLS).
- 2007-2008 Committee Member, CEAC for Hematology/Hemostasis, program planning for the 2008 ASCLS National Meeting in Washington, DC.
- 2006-2007 Committee Member, CEAC for Hematology/Hemostasis, program planning for the 2007 ASCLS National Meeting in San Diego, California.
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- 2005 Manuscript Reviewer, e19a2 BCR-ABL Fusion Transcript in Typical Chronic Myeloid Leukemia. Report of two cases. Mondal BC et.al. Journal of Clinical Pathology, 029595.
- 2004-2006 Chair, ASCLS Hematology Scientific Assembly (National).
- 2002-2004 Vice-chair, ASCLS Hematology Scientific Assembly (National).
- 2001-2002 American Society for Clinical Laboratory Science (ASCLS), Reader and Judge, Joseph J. Kleiner Award for outstanding articles in *Clinical*

12 Tim R. Randolph revised 03/30/2022

- Laboratory Science*, Education and Research Fund, 2001 ASCLS National Meeting (National).
- 2001-2002 American Society for Clinical Laboratory Science (ASCLS), Chair, Abstract Review Committee, Hematology/Hemostasis Scientific Assembly, 2001 ASCLS National Meeting (National).
- 2001-2002 Planning Committee, 2001 Clinical Laboratory Educators Conference (CLEC) National Meeting, Hyatt Regency Hotel at Union Station, St. Louis, Missouri (National).
- 2000-2001 American Society for Clinical Laboratory Science (ASCLS), Chair, Abstract Review Committee, Hematology/Hemostasis Scientific Assembly, 2000 ASCLS National Meeting (National).
- 1999-2010 Member, American Society for Clinical Laboratory Science (ASCLS) Web Site Consumer Response Team (field questions regarding the interpretation of laboratory results from the public that visit the site), (20hrs/mo).
- 1999-2000 American Society for Clinical Laboratory Science (ASCLS), Continuing Education Advisory Committee (CEAC), Hematology/Hemostasis sub-committee, ASCLS National Meeting, New Orleans, Louisiana (National).
- 1999-2000 American Society for Clinical Laboratory Science (ASCLS), Reader and Judge, Joseph J. Kleiner Award for outstanding articles in *Clinical Laboratory Science*, Education and Research Fund, 1999 ASCLS National Meeting (National).
- 1997-1998 American Society for Clinical Laboratory Science (ASCLS), Abstract Review Committee, ASCLS National Meeting, Hematology/Hemostasis (National).
- 1997-1998 American Society for Clinical Laboratory Science (ASCLS), Continuing Education Advisory Committee (CEAC), Hematology/Hemostasis (National).
- 1997-1998 National Accrediting Association of Clinical Laboratory Science (NAACLS) Subcommittee on DNA Techniques in the Clinical Laboratory (National).

**Region**

- 2012-2016 Region VI, Leadership Development Chair, (Governing body for Missouri,

13 Tim R. Randolph revised 03/30/2022

Kansas, Iowa, Nebraska, Illinois), American Society for Clinical Laboratory Science (ASCLS).

2009-2012 Region VI Director, Oversees operations and mediator between Missouri, Kansas, Iowa, Nebraska, Illinois and the ASCLS BOD, American Society for Clinical Laboratory Science (ASCLS).

2005-2016 Region VI Council (Governing body for Missouri, Kansas, Iowa, Nebraska, Illinois), American Society for Clinical Laboratory Science (ASCLS).

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### **State**

2019-Present American Society for Clinical Laboratory Science (ASCLS-MO), Spring Meeting Program Committee Chair.

2014-Present American Society for Clinical Laboratory Science - Missouri (ASCLS-MO), Leadership Development Chair.

2012-Present Missouri Society for Clinical Laboratory Science (MoCLS), Nominations Committee.

2005-Present Missouri Society for Clinical Laboratory Science (MoCLS), Licensure task Force (State).

2017-2018 Missouri Society for Clinical Laboratory Science (MoCLS), Spring Meeting Program Committee Member.

2016-2017 Missouri Society for Clinical Laboratory Science (MoCLS), Spring Meeting Program Committee Member.

2015-2016 Missouri Society for Clinical Laboratory Science (MoCLS), Spring Meeting Program Committee Chair.

2012-2014 Missouri Society for Clinical Laboratory Science (MoCLS), Leadership Development Chair.

2009-2013 Member, Advisory Board. New Medical Laboratory Technician program, Sanford-Brown College, Collinsville, IL.

2009-2010 Missouri Society for Clinical Laboratory Science (MoCLS), Past-president (State).

2008-2009 Missouri Society for Clinical Laboratory Science (MoCLS), President

	(State).
2007-2008	Missouri Society for Clinical Laboratory Science (MoCLS), President-elect (State).
2006-2007	Missouri Society for Clinical Laboratory Science (MoCLS), President (State).
2006-2007	Missouri Society for Clinical Laboratory Science (MoCLS), Program Chair, 2007 MoCLS/CLMS State Meeting, Lodge of Four Seasons, Lake, Ozark, MO.
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2005-2006	Missouri Society for Clinical Laboratory Science (MoCLS), President-elect (State).
2004-2005	Missouri Society for Clinical Laboratory Science (MoCLS), First Year Board Member (State).
2003-2004	Missouri Society for Clinical Laboratory Science (MoCLS), Chair, Hematology and Hemostasis Scientific Assembly (State).
2002-2003	Missouri Society for Clinical Laboratory Science (MoCLS), Third Year Board Member (State).
2001-2002	Missouri Society for Clinical Laboratory Science (MoCLS), Second Year Board Member (State).
2000-2001	Missouri Society for Clinical Laboratory Science (MoCLS), First Year Board Member (State).
1999-2000	Missouri Organization for Clinical Laboratory Science (MoCLS), Co-chair, Student Affairs Committee, State
1999-2000	Missouri Society for Clinical Laboratory Science (MoCLS), Chair, Hematology/Hemostasis Scientific Assembly.
1998-1999	Missouri Organization for Clinical Laboratory Science (MoCLS), Co-chair, Student Affairs Committee, State
1988	Planning Committee, MSMT/AACC 1989 Spring Meeting, St. Louis, Missouri.

**UNIVERSITY SERVICE:**

**University**

1995-Present	Helping Our Own Committee, Fund Raising subcommittee to support programs to offer financial assistance to SLU employees, Saint Louis University, St. Louis, Missouri.
2014-Present	Faculty Fellow, Health Science Learning Community, Saint Louis University, St. Louis, MO
2019-2021	Pre-Health Committee on Evaluations, Saint Louis University, St. Louis, MO
2018-2019	DCHS Representative, Ad Hoc Judicial Panel, Faculty Senate, Saint Louis University, St. Louis, MO
2014-2017	Member, Faculty Senate Committee on Scholarship, Saint Louis University, St. Louis, MO.
2014-2015	Member, SLU STEM Committee, Saint Louis University, St. Louis, MO.
2013-2014	Member, SLU STEM Task Force, Saint Louis University, St. Louis, MO.
2011-2013	Medical Home Committee, Clinical Laboratory Science representative, Saint Louis University, St. Louis, Missouri.
2007-2013	Faculty Mentor, SLU Global Medical Brigade (a volunteer student service organization that provides medical assistance to underdeveloped countries)
2006-2013	Faculty Mentor, Saint Louis University Men's Rowing Crew.
2007-2011	Alternate Member IRB Review Committee, Saint Louis University, St. Louis, Missouri.

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2003	Campus Minister Search Committee, Schools of Nursing and Allied Health, Saint Louis University, St. Louis, Missouri.
2002	Dean Search Committee, Edward and Margaret Doisy School of Allied Health Professions, Saint Louis University, St. Louis, Missouri.

**School/College**

2023-Present	DCHS Benchmarking Task Force, Doisy College of Health Sciences, Saint Louis University.
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2023-Present	DCHS Rank & Tenure Committee, Doisy College of Health Sciences, Saint Louis University.
2019-Present	DCHS Diversity and Inclusion Committee, Doisy College of Health Sciences, Saint Louis University.
2015-2022	Strategic Map Implementation Committee, Doisy College of Health Sciences, Saint Louis University.
2019-2020	DCHS Organizational Structure Review Committee, Doisy College of Health Sciences, Saint Louis University.
2018-2019	Faculty Evaluation Task Force, Doisy College of Health Sciences, Saint Louis University.
2015-2018	Rank and Tenure Committee, Doisy College of Health Sciences, Saint Louis University.
2016-2017	Assessment Committee, Doisy College of Health Sciences, Saint Louis University.
2012-2017	Doisy College Education Council (DCEC), Doisy College of Health Sciences, Saint Louis University.
2012-2017	Dean's Coordinating Council (DCC), Doisy College of Health Sciences, Saint Louis University.
2015-2016	Doisy College Assessment Committee (DCAC), Doisy College of Health Sciences, Saint Louis University.
2010-2012	Awards Committee, Doisy College of Health Sciences, Saint Louis University, St. Louis, Missouri.
2006-2013	IPE Grand Rounds Committee (wrote and delivered cases to IPE students), Doisy College of Health Sciences, Saint Louis University, St. Louis, Missouri.
2006-2009	International Committee, Doisy College of Health Sciences, Saint Louis University, St. Louis, Missouri.
2005-2007	Awards Committee, Doisy College of Health Sciences, Saint Louis University, St. Louis, Missouri.

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- 2004-2006 Secretary, Doisy College of Health Sciences, Faculty Assembly, Saint Louis University, St. Louis, Missouri.
- 2001-2005 SAHP Rank and Tenure Committee, School of Allied Health Professions, Saint Louis University, St. Louis, Missouri.
- 2000-2001 SAHP Planning Committee, School of Allied Health Professions, Saint Louis University, St. Louis, Missouri.
- 1997-2008 Facilitator/Committee Member, Interprofessional Case Study Initiative, Doisy School of Allied Health professions, Saint Louis University, St. Louis, Missouri.
- 1997-2001 Computer Committee, School of Allied Health Professions, Saint Louis University, St. Louis, Missouri.
- 1997-2001 Statistics Committee, School of Allied Health Professions, Saint Louis University, St. Louis, Missouri.
- 1995-2005 Scholarship (Research) Committee, School of Allied Health Professions, Saint Louis University, St. Louis, Missouri.
- 1992-1998 Faculty Development Committee, School of Allied Health Professions, Saint Louis University, St. Louis, Missouri.
- 1989-1991 Chairman, Teacher of the Year Committee, School of Allied Health Professions, Saint Louis University, St. Louis, Missouri.
- 1989-1994 Rank and Tenure Study Group, School of Allied Health Professions, Saint Louis University, St. Louis, Missouri.
- 1988 Teacher of the Year Committee, School of Allied Health Professions, Saint Louis University, St. Louis, Missouri.
- 1988 Pre-commencement Planning Committee, Saint Louis University, School of Allied Health Professions, St. Louis, Missouri.
- 1988 Research Committee, Norfolk State University, School of Community Health and Rehabilitation, Norfolk, Virginia.
- 1988 Recruitment and Retention Committee, Norfolk State University, School of Community Health and Rehabilitation, Norfolk, Virginia.

**Department**

- 1988-Present Selection Committee, Anna Warren Oller Student Research Paper Award, Department of Biomedical Laboratory Science/Clinical Health Sciences.
- 2012-Present Selection Committee, Mary Lou Vehige Young Investigator Award, Department of Biomedical Laboratory Science/Clinical Health Sciences.
- 2016-2017 Curriculum Committee, Department of Biomedical Laboratory Science, Saint Louis University, Doisy College of Health Sciences.
- 1988-2017 Admissions Committee, Department of Clinical Laboratory Science, Saint Louis University, School of Allied Health Professions, St. Louis, Missouri.
- 1988-2016 Curriculum Planning Committee, Department of Clinical Laboratory Science, School of Allied Health Professions, Saint Louis University, St. Louis, Missouri.
- 1988-2017 Progression Committee, Department of Clinical Laboratory Science, School of Allied Health Professions, Saint Louis University, St. Louis, Missouri.
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- 1988-1993 Director, Medical Technology Continuing Education, Department of Medical Technology, School of Allied Health Professions, St. Louis, Missouri.

**COMMUNITY SERVICE:**

**International**

- 2000-Present Founder/President/Volunteer for Randolph World Ministries, Inc. conduct two annual Medical Mission Trips to Haiti, provide ongoing assessment, upgrading and expansion of clinic services to 27 Haitian clinics, conduct direct care clinics (medical, vision, laboratory, women's health), ongoing research for lab test development (2 patents), sickle cell program. (1,000 hrs/yr)
- 2000 Volunteer on Mission Trip to Haiti, Sponsored by Friends of Haiti Organization (FOHO) Service Organization (built a school and ministered to the people) (80 hrs)
- 1998-2012 Child sponsor, Monthly financial sponsorship for 5 children in Haiti.
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**National**

1999-2011 Member, American Society for Clinical Laboratory Science (ASCLS) Web Site Consumer Response Team (field questions regarding the interpretation of laboratory results from the public that visit the site), (30hrs/mo).

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**Local**

1994-Present Member, Wabash Valley Walk to Emmaus Community, Epworth United Methodist Camp, Louisville, Illinois. (10 hrs/yr).

1994-Present Member, Helping Our Own Committee, Fund Raising for University Employees in need, Saint Louis University, St. Louis, Missouri. (1 hrs./mo.)

1993-2005 Tim Randolph Ministries, musical programs designed for worship services and spiritual gatherings. (15 hrs./mo.)

2013-2014 Sunday School Teacher, Kid Zone Program, Vineyard Church, St. Louis, MO.

2013-2014 Worship Leader, Kid Zone Program, Vineyard Church, St. Louis, MO.

2007-2010 FAITH Evangelism Team Leader, Door to Door Evangelism, First Baptist Church, Collinsville, IL.

2007-2010 Adult Sunday School Teacher, First Baptist Church, Collinsville, IL.

2007-2010 Adult Bible Study Teacher, First Baptist Church, Collinsville, IL.

2007-2010 Praise Team Member, First Baptist Church, Collinsville, IL.

2006-2010 FAITH Evangelism Team, Door to Door Evangelism, First Baptist Church, Collinsville, IL.

1994-2010: Monthly financial supporter, Eagle House Ministries, Homeless Shelter.

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1997-1999 Leader, Evangelism Team, Hope Presbyterian Church, Collinsville, Illinois. (6 hrs./mo.)

1997-1999 Coordinator/Teacher, Small group Bible study, Hope Presbyterian Church, Collinsville, Illinois. (12 hrs./mo.)

20 Tim R. Randolph revised 03/30/2022

- 1995-1999 Assistant Youth Director, Hope Presbyterian Church, Collinsville, Illinois.  
(8 hrs./mo.)
- 1994-1999 Member, Hospital Response to Community Violence Committee, Lifestyle and Parenting Presentations to Parents, Saint Louis University Hospital, St. Louis, Missouri. (1 hr./mo.)
- 1993-1994 Youth Leader, First United Methodist Church, Collinsville, Illinois.
- 1993-1994 Youth Outreach Committee, First United Methodist Church, Collinsville, Illinois.
- 1992-1994 Youth Sunday School Teacher, First United Methodist Church, Collinsville, Illinois.
- 1992 Member, Long Range Planning, First United Methodist Church, Collinsville, Illinois.
- 1991-1994 Member, United Methodist Men, First United Methodist Church, Collinsville, Illinois.
- 1991-1993 Member, Bakers and Takers Visitation Program, First United Methodist Church, Collinsville, Illinois.
- 1991-1993 Community Outreach Coordinator, First United Methodist Church, Collinsville, Illinois.
- 1991-1992 President, United Methodist Men, First United Methodist Church, Collinsville, Illinois.
- 1991-1992 Member, Council on Ministries, First United Methodist Church, Collinsville, Illinois.
- 1991-1992 Member Administration Board, First United Methodist Church, Collinsville, Illinois.
- 1991-1992 Coordinator, Informal Service of Prayer, First United Methodist Church, Collinsville, Illinois.
- 1989 Liaison between The St. Louis Science Center and local Medical Technology educators.
- 1989-1995 Volunteer, "National Medical Laboratory Week Exhibit", St. Louis Science Center, St. Louis, Missouri.

21 Tim R. Randolph revised 03/30/2022

- 1989-1994 Coordinator, Thursday Evening Bible Study, First United Methodist Church, Collinsville, Illinois.
- 1989-1993 Member, Committee on Evangelism, First United Methodist Church, Collinsville, Illinois.
- 1987 Preschool Screening Program, performed laboratory tests to evaluate anemia, sickle cell disease and lead poisoning in preschool children, Norfolk, Virginia.
- 1986-1987 Member, United Methodist Men, Ivey Memorial Methodist Church, Chester, Virginia.

#### **AWARDS/HONORS:**

- 2020 CLS Distinguished Author Award, American Society for Clinical Laboratory Science (ASCLS) in recognition of three research articles published in *Clinical Laboratory Science* in 2019.
- 2018 Distinguished Service Award (Acknowledging 30 years of service to Saint Louis University), Saint Louis University.
- 2017 Distinguished Service Award (recognizing exceptional service), Doisy College of Health Sciences, Saint Louis University.
- 2000-Present Omicron Sigma Award. ASCLS President's Honor Roll for Outstanding Service. Received state, regional or national award each year.
- 2016 Recognized as one of "20 Professors of Clinical Laboratory Science You Should Know." Published by: medical technology schools.com (<https://www.medicaltechnologyschools.com/medical-lab-technician/clinical-laboratory-science-professors>)
- 2016 Nominee, Lifetime Achievement Award, American Society for Clinical Laboratory Science.
- 2015 Humanitarian Alumni Merit Award, University of Illinois at Springfield, Springfield, IL.
- 2014 American Society for Clinical Laboratory Science – Missouri (ASCLS-MO) Member of the Year.

- 22 Tim R. Randolph revised 03/30/2022
- 2013 Joseph J. Kleiner Memorial Award (Best Scientific Paper of the Year Award), American Society for Clinical Laboratory Science (ASCLS) for the manuscript entitled: Novel Test Method (Sickle Confirm) to Differentiate Sickle Cell Anemia from Sickle Cell Trait for use in developing countries. Tim R. Randolph and Jenna Wheelhouse. Clinical Laboratory Science, Vol 25/Number 1, Winter, 2012: p. 26-34.
- 2013 Rho Sigma Distinguished Service Award, Region VI (Illinois, Iowa, Kansas, Missouri, Nebraska) of the American Society for Clinical Laboratory Science (ASCLS).
- 2013 Missouri Organization for Clinical Laboratory Science (MoCLS), Member of the Year.
- 2013 Distinguished Service Award (Acknowledging 25 years of service to Saint Louis University), Saint Louis University.
- 2012 Inducted into the Virginia Commonwealth University, Department of Clinical Laboratory Science, Alumni Hall of Fame.
- 2011 ASCLS E & R Unrestricted Grant-in-Aid Awardee, American Society for Clinical Laboratory Science (ASCLS).
- 2009 ASCLS E & R Unrestricted Grant-in-Aid Awardee, American Society for Clinical Laboratory Science (ASCLS).
- 2008 Distinguished Service Award (Acknowledging 20 years of service to Saint Louis University), Saint Louis University.
- 2008 SLUStar Award, (Acknowledging service to the community and to the university), Saint Louis University.
- 2008 Excellence in Service Award, Doisy College of Health Sciences, Saint Louis University.
- 2007 Finalist for the St. Louis Business Journal's Health Care Hero Award, Community Outreach Category. October 4, 2007 at the Sheraton Hotel Banquet Center, St. Louis, MO.
- 2007 Bio-Rad Professional Achievement Award in Hematology. Awarded at the 2007 ASCLS National Meeting, Westin San Diego Hotel, San Diego, California on July 18, 2007.

- 2006 Distinguished Author Award, American Society for Clinical Laboratory Science (ASCLS) for the manuscript entitled: The Clinical Evolution of Chronic Myelocytic Leukemia (CML) – Part I: History, Clinical Presentation, and Molecular Biology. Tim R. Randolph. Clinical Laboratory Science, Vol 18/Number 1, Winter, 2005: p. 38-48.
- 2004 Excellence in Service Award, Doisy School of Allied Health Professions, Saint Louis University.
- 2003 Inductee, Alpha Mu Tau Honor Society, American Society for Clinical Laboratory Science (ASCLS).
- 1997 Outstanding Scholar of the Year, School of Allied Health Professions, Saint Louis University.
- 1992 Inductee, Alpha Eta Honor Society, National Allied Health Honor Society, Faculty Member of the Saint Louis University Chapter.
- 1990 Baxter Healthcare Corporation Graduate Scholarship.
- 1987 Commonwealth of Virginia Graduate Fellowship, Spring semester.
- 1986 Commonwealth of Virginia Graduate Fellowship, Fall semester.

## **PUBLICATIONS:**

### **Peer Reviewed – Original Research**

- 2019 Abnormal Biomarkers at Rest in Subjects with Sickle Cell Trait. Randolph TR and Vanzo M. Clin Lab Sci. October 2019, ascls.119.001644; DOI: <https://doi.org/10.29074/ascls.119.001644>
- 2019 Development of a Microscopic Method to Diagnose Hemoglobin C Conditions for Use in Developing Countries. Schmidt KL and Randolph TR. Clin Lab Sci. October 2019, ascls.119.001412; DOI: <https://doi.org/10.29074/ascls.119.001412>
- 2019 Prevalence and Severity of Anemia in Haiti. Le L, Schmidt KL, and Randolph TR. Clin Lab Sci. October 2019, ascls.119.001404; DOI: <https://doi.org/10.29074/ascls.119.001404>

24 Tim R. Randolph revised 03/30/2022

- 2017 Development of a Falling Drop Hemoglobin Method for Resource-Poor Settings. Stumpf, MS, Sinha R, Golob N, Hoerner R, Chen C, and Randolph TR. Clin Lab Sci. 2017;30(3):131-138.
- 2012 A Method of HbF Determination for Potential Use in Underdeveloped Countries. Randolph TR and Schumacher SN. Clin Lab Sci. 2012; 25(4):212-218.
- 2012 Novel Test Method (Sickle Confirm) to Differentiate Sickle Cell Anemia from Sickle Cell Trait for Potential Use in Developing Countries. Randolph TR and Wheelhouse J. Clin Lab Sci. Vol 25/Number 1, Winter 2012:26-34.
- 2011 Research in Clinical Laboratory Science: Professionals' Involvement. Laudicina R, Fenn J, Freeman V, McCoy C, McLane MA, Mundt L, Polancic J, Randolph TR, and Shanahan K. Clin Lab Sci. Vol 24/Number 4, Fall 2011: 235-242.
- 2011 Research in Clinical Laboratory Science: Professionals' Educational Preparation. Laudicina R, Fenn J, Freeman V, McCoy C, McLane MA, Mundt L, Polancic J, Randolph TR, and Shanahan K. Clin Lab Sci. Vol 24/Number 4, Fall 2011: 243-248.
- 2010 Estimated Prevalence of Sickle Cell in Northern Haiti. Tim R. Randolph. Clin Lab Sci. Vol 23/Number 2, Spring, 2010: p 79-83.
- 2007 Development of a Micro-ESR System with the Potential for In-home Use. Sarah E. Douglas and Tim R. Randolph. Clin Lab Sci, Vol 20/Number 1, Winter, 2007: p. 12-19.
- 
- 2002 Minimum Concentration of Fibrinogen Necessary for Platelet Aggregation Using ADP. Robert F. Cornell and Tim R. Randolph. Clin Lab Sci, Vol 15/Number 1, Winter, 2002: 30-36.
- 1996 The Erythrocyte Sedimentation Rate (ESR) as a Surrogate Tumor Marker. Tim R. Randolph. Clin Lab Sci, Vol. 9/Number 2, March/April, 1996: pp. 110-114.
- 1989 The Mast Cell-Committed Progenitor. I. Description of a cell capable of IL-3-independent proliferation and differentiation without contact with fibroblasts. D.L. Jarbo, J.S. Marshall, T.R. Randolph, A. Kukolja and T.F. Huff. The Journal of Immunology, Vol. 142, April 1, 1989: pp. 2405-2417.



**Peer-Reviewed – Review Papers**

- 2005 The Clinical Evolution of Chronic Myelocytic Leukemia (CML) – Part I: History, Clinical Presentation, and Molecular Biology. Tim R. Randolph. Clin Lab Sci, Vol 18/Number 1, Winter, 2005: p. 38-48.
- 2005 The Clinical Evolution of Chronic Myelocytic Leukemia (CML) – Part II: Approaches to Therapy and Molecular Monitoring of Therapeutic Response. Tim R. Randolph. Clin Lab Sci, Vol 18/Number 1, Winter, 2005: p. 49-56.
- 2004 Advances in Acute Lymphoblastic Leukemia (ALL). Tim R. Randolph. Clin Lab Sci, Vol. 17/Number 4, Fall, 2004: p. 235-245.
- 2000 Acute Promyelocytic Leukemia (AML-M3) – Part 2: Molecular Defect, DNA Diagnosis, and Proposed Models of Leukemogenesis and Differentiation Therapy. Tim R. Randolph. Clin Lab Sci, Vol. 13/Number 2, Spring, 2000: p.106-116.
- 2000 Acute Promyelocytic Leukemia (AML-M3) – Part 1: Pathophysiology, Clinical Diagnosis, and Differentiation Therapy. Tim R. Randolph. Clin Lab Sci, Vol. 13/Number 2, Spring, 2000: p.98-105.

**Peer-Reviewed Abstracts – Original Research**

- 2020: Uppugunduri M, Le A, DeMond J, Karducki J, Randolph TR. Development of a Sodium Metabisulfite Method to Distinguish Sickle Cell Disease from Sickle Cell Trait for Use in Underdeveloped Countries. MMU Research Symposium 2020, Des Moines University, Des Moines, IA.
- 2019: Randolph TR, Le A, DeMond J. A Modified Sodium Metabisulfite Method to Distinguish Sickle Cell Disease from Sickle Cell Trait for Use in Underdeveloped Countries. Clin Lab Sci. Oct. 2019. <https://doi.org/10.29074/ascls.119.002030>.
- 2018: Randolph TR, Rupprecht WK, and Belavic MM. Comparison of the Falling Drop Method to Existing Hemoglobin Methods. Clin Lab Sci. October 2018. <https://doi.org/10.2907/ascls.118.001131>.
- 2018 Development of a Microscopic Method to Diagnose Hemoglobin C Conditions for Use in Developing Countries. Schmidt KL and Randolph TR.

- 26 Tim R. Randolph revised 03/30/2022
- FASEB J, Vol 32, Issue 1 suppl, April 2018.
- 2018 Improving Accuracy of Falling Drop Hemoglobin Method via Modifications to Column Length. Rupprecht WL and Randolph TR. FASEB J, Vol 32, Issue 1 suppl, April 2018.
- 2017 Development of a Microscopic Method for the Exposure of Hemoglobin C. Schmidt KL and Randolph TR. FASEB J, April 2017 31:608.10.
- 2016 Quantifying HbF Using a Modified Kleihauer-Betke Assay. Singh R and Randolph TR. FASEB J, April 2016 30:1082.8.
- 2016 Optimization of Falling Drop Copper Sulfate Method to Quantify Hemoglobin Concentration. Sinha R and Randolph TR. FASEB J, April 2016 30:1082.5.
- 2016 Development of an Easy, Inexpensive and Precise Method to Identify Hemoglobin C for Use in Underdeveloped Countries. Ohiri CD and Randolph TR. FASEB J, April 2016 30:1082.4.
- 2015 Optimization of a Copper Sulfate Method to Quantify Hemoglobin for Use in Underdeveloped Countries. Stumpf M and Randolph TR. FASEB J, April 2015 29:884.50.
- 2012 A Simple and Inexpensive Method of HbF Measurement Using Acid Elution of HbS. Randolph TR, Srivitaraks K, Wahidi L. Clin Lab Sci. 2012;Vol 25/Number 3; 141.
- 2009 A Spectrophotometric Method of Hemoglobin F Detection: for use in underdeveloped countries to measure sickle cell response to hydroxyuria. Schumacher S and Randolph TR. Clin Lab Sci. 2009; Vol 22/Number 3: 161.
- 2008 Determining the Usefulness of the Modified Hemoglobin Solubility Test in Diagnosing Infants with Homozygous Sickle Cell Anemia. Randolph TR and Berger M. Clin Lab Sci. 2008; Vol 21/Number 3: 141.
- 
- 2006 Understanding of and Opinions About Licensure for Laboratory Personnel Among Laboratory Professionals in the United States. Randolph TR and Solomon K. Clin Lab Sci, Vol. 19/Number 3, Summer, 2006: p. 155.
- 2005 Estimated Incidence of Sickle Cell, Human Immunodeficiency Virus,

- 27 Tim R. Randolph revised 03/30/2022
- Hepatitis B and Hepatitis C in Northern Haiti. Randolph TR. Clin Lab Sci, Vol. 16/Number 3, Summer, 2003: p. 149.
- 2004 Development of a Micro Erythrocyte Sedimentation Rate System with Potential for In-Home Use. Douglas SE and Randolph TR. Clin Lab Sci, Vol. 17/Number 3, Summer, 2004: 141.
- 2000 Minimum Concentration of Fibrinogen Necessary for Platelet Aggregation Using ADP. Cornell RF and Randolph TR. Clin Lab Sci, Vol. 13/Number 3, Summer, 2000: p. 148.
- 1997 The Erythrocyte Sedimentation Rate as a Tumor Marker for Lung Cancer: Phase II. Randolph TR, Schaffner L, Dumphy II FR. Clin Lab Sci, Vol. 10/November 3, May/June 1997: p. 134.
- 1997 Relationship Between Mean Corpuscular Volume and Mean Corpuscular Hemoglobin Concentration in Hereditary Spherocytosis. Schofield K and Randolph TR. Clin Lab Sci. Vol 10/Number 3, May/June 1997: p. 136-137.
- 1996 The Concentration of Escherichia coli and the Incubation Interval at 37°C Necessary to Convert a Positive Urinary Nitrite to a Negative as Detected by the Manual Griess Method. Vanphayboun S and Randolph TR. Clin Lab Sci, Vol. 9/Number 3, May/June 1996: p. 146.
- 1996 The Concentration of Escherichia coli and the Incubation Interval at 37°C Necessary to Convert a Positive Urinary Glucose to a Negative as Detected by the Clinitest Method. Sides AM and Randolph TR. Clin Lab Sci, Vol. 9/Number 3, May/June, 1996: p. 146.
- 1994 The Effects of Heparin on Normal Hematopoietic Erythrocyte Parameters. Randles AD and Randolph TR. Clin Lab Sci, Vol. 7, May/June, 1994: pp. 154.
- 1994 The Erythrocyte Sedimentation Rate (ESR) as a Surrogate Tumor Marker. Randolph TR. Clin Lab Sci, Vol. 7, May/June 1994: pp. 145.

### **Peer-Reviewed Book Chapters**

- 2023 Myeloproliferative Neoplasms. Chapter 32, pages xxx-xxx. Tim R. Randolph. In: Hematology: Clinical Principles and Applications. (7<sup>th</sup> ed) Elaine M. Keohane, Catherine Otto, and Jeanine M. Walenda (eds), Saunders Elsevier, St. Louis, MO. (in press)

- 2023 Hemoglobinopathies (Structural Defects in Hemoglobin). Chapter 24, pages xxx-xxx. Tim R. Randolph. In: Hematology: Clinical Principles and Applications. (7<sup>th</sup> ed) Elaine M. Keohane, Catherine Otto, and Jeanine M. Walenda, (eds), Saunders Elsevier, St. Louis, MO. (in press).
- 2019 Hemoglobinopathies (Structural Defects in Hemoglobin). Chapter 24, pages 394-423. Tim R. Randolph. In: Hematology: Clinical Principles and Applications. (6<sup>th</sup> ed) Elaine M. Keohane, Catherine Otto, and Jeanine M. Walenda, (eds), Saunders Elsevier, St. Louis, MO. (copyright 2020).
- 2019 Myeloproliferative Neoplasms. Chapter 32, pages 555-588. Tim R. Randolph. In: Hematology: Clinical Principles and Applications. (6<sup>th</sup> ed) Elaine M. Keohane, Catherine Otto, and Jeanine M. Walenda (eds), Saunders Elsevier, St. Louis, MO. (copyright 2020)
- 2018 Thalassemia. Chapter 14. Tim R. Randolph. In: Clinical Laboratory Hematology. (4<sup>th</sup> ed) Shirlyn McKenzie, J. Lynne Williams, Kristin Landis-Piwowar (eds.), Pearson-Prentice Hall, Upper Saddle River, NJ, (in review).
- 2018 Myeloproliferative Neoplasms. Chapter 24. Tim R. Randolph. In: Clinical Laboratory Hematology. (4<sup>th</sup> ed) Shirlyn McKenzie, J. Lynne Williams, Kristin Landis-Piwowar (eds.), Pearson-Prentice Hall, Upper Saddle River, NJ, (in review).
- 2016 Hemoglobinopathies (Structural Defects in Hemoglobin). Chapter 27, pages 426-453. Tim R. Randolph. In: Hematology: Clinical Principles and Applications. (5<sup>th</sup> ed) Elaine M. Keohane, Larry J. Smith, and Jeanine M. Walenda (eds), Saunders Elsevier, St. Louis, MO, 2016.
- 2016 Myeloproliferative Neoplasms. Chapter 33, pages 561-590. Tim R. Randolph. In: Hematology: Clinical Principles and Applications. (5<sup>th</sup> ed) Elaine M. Keohane, Larry J. Smith, and Jeanine M. Walenda (eds), Saunders Elsevier, St. Louis, MO, 2016.
- 2014 Thalassemia. Chapter 14. Tim R. Randolph. In: Clinical Laboratory Hematology. (3<sup>rd</sup> ed) Shirlyn McKenzie and J. Lynne Williams (eds.), Pearson-Prentice Hall, Upper Saddle River, NJ.
- 2014 Myeloproliferative Neoplasms. Chapter 24. Tim R. Randolph. In: Clinical Laboratory Hematology. (3<sup>rd</sup> ed) Shirlyn McKenzie and J. Lynne Williams (eds.), Pearson-Prentice Hall, Upper Saddle River, NJ.

29 Tim R. Randolph revised 03/30/2022

- 2011 Hemoglobinopathies (Structural Defects in Hemoglobin). Chapter 26, pages 366-389. Tim R. Randolph. In: Hematology: Clinical Principles and Applications. (4<sup>th</sup> ed) Bernadette F. Rodak, George A. Fritsma, and Elaine M. Keohane (eds), Saunders Elsevier, St. Louis, MO, 2011.
- 2011 Myeloproliferative Neoplasms. Chapter 34, pages 508-532. Tim R. Randolph. In: Hematology: Clinical Principles and Applications. (4<sup>th</sup> ed) Bernadette F. Rodak, George A. Fritsma, and Elaine M. Keohane (eds), Saunders Elsevier, St. Louis, MO, 2011.
- 2010 Thalassemia. Chapter 11, pages 231-256. Tim R. Randolph. In: Clinical Laboratory Hematology. (2<sup>nd</sup> ed) Shirlyn McKenzie and J. Lynne Williams (eds.), Pearson-Prentice Hall, Upper Saddle River, NJ, 2010.
- 2007 Hemoglobinopathies (Structural Defects in Hemoglobin). Tim R. Randolph. Rodak, Fritsma, Doig (eds), Saunders Elsevier, 11830 Westline Industrial Drive, St. Louis, MO, 2007.

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2004 Thalassemia. Tim R. Randolph. In: Clinical Laboratory Hematology, Shirlyn McKenzie (ed.), Prentice Hall, Upper Saddle River, NJ, 2004.

### **Non-Peer Reviewed**

- 2019 Randolph World Ministries, Inc.: Past, Present, and Future. ASCLS Today. Volume 33, Number 3, 2019
- 2013 Laboratory Personnel Licensure. SoShowMe Newsletter. Spring 2013.
- 2012 What Does a Tree and ASCLS Have in Common? SoShowMe Newsletter. Spring 2012.
- 2011 Refocus Your Energies. SoShowMe Newsletter. Winter 2011.
- 2011 Refocus Your Energies. ASCLS Today. February 2011 Volume XXV, Number 2.
- 2010 What to say to Potential ASCLS Membership recruits? ASCLS Today. January 2010 Volume XXIV, Number 1.
- 2008 President's Message. SoShowMe Newsletter. Fall 2008.

- 2008 MoCLS Personnel Licensure. SoShowMe Newsletter. Spring 2008
- 2008 Phases in the War for Laboratory Personnel Licensure. ASCLS Today. Nov./Dec. 2008 Volume XXII, Number 10.
- 2007 President-Elect Message. SoShowMe Newsletter. Winter 2007.
- 2007 Jump Starting your State Society. ASCLS Today, February 2007, Vol 21/Number 2.
- 2007 Recent Advances in the Treatment of Sickle Cell Anemia. ASCLS Today, February 2007, Vol 21/Number 2.
- 
- 2005 Is My Cell Counter Working Properly? ASCLS Today, April 2005, Vol 19/Number 4.
- 2004 Molecular Testing in the Routine Clinical Laboratory – Part II: Where is it going? ASCLS Today, October 2004, Vol 18/Number 9.
- 2004 Molecular Testing in the Routine Clinical Laboratory – Part I: Where has it been? ASCLS Today, September 2004, Vol 18/Number 8.
- 2004 Absolute Neutrophil Count (ANC). Tim R. Randolph. ASCLS Today, January 2004, Vol 18/Number 1.
- 2003 Thalassemia: The Molecular Biology. Tim R. Randolph. Colorado Association for Continuing Medical Laboratory Education, Inc., Denver, Colorado, 2003.
- 2002 "Chronic Myelocytic Leukemia (CML): From Initial Description to Potential Cure." Tim R. Randolph. In-Service Reviews in Clinical Laboratory Science. Published by Educational Review, Inc., Birmingham, Alabama, Vol 15/Number 9, October, 2002.
- 2002 Laboratory Development at Bethesda Medical Clinic in Vaudreuil, Haiti: Part I. Tim R. Randolph. ASCLS Today, August 2002, Vol 16/Number 8.
- 2002 Laboratory Development at Bethesda Medical Clinic in Vaudreuil, Haiti: Part II. Tim R. Randolph. ASCLS Today, September 2002, Vol 16/Number 9.

- 31 Tim R. Randolph revised 03/30/2022
- 2000                   Thalassemia: Clinical Features and Laboratory Diagnosis. Tim R. Randolph. Colorado Association for Continuing Medical Laboratory Education, Inc., Denver, Colorado. Sept. 2000.
- 1998                   "Acute Myelocytic Leukemia--M3: The Molecular Defect and Potential Therapy." Tim R. Randolph. In-Service Reviews in Clinical Laboratory Science. Published by Educational Review, Inc., Birmingham, Alabama. April, 1998.
- 1991                   The Clinical Laboratory Shortage: Working Toward a Solution Part I. T. Randolph. FYI: Missouri/Illinois American Red Cross Newsletter, Vol. 2, Number 1, 1991.
- 1991                   The Clinical Laboratory Shortage: Working Toward a Solution Part II. T. Randolph. FYI: Missouri/Illinois American Red Cross Newsletter, Vol. 2, Number 2, 1991.
- 1987                   The Mast Cell-Committed Progenitor: Enrichment and Growth on Embryonic Skin Monolayers. T. Randolph. Masters Thesis. June, 1987.
- 1983                   Modern Technological Advancements in Diabetes Mellitus Treatment. T. Randolph. Illinois Medical Technology Association Newsletter. February, 1983: pp. 4-5.

**POSTER PRESENTATIONS:**

- 2023                   Chariyamane A, Little J, Noonan K, Kotz A, Randolph TR, and Condoor S. Assessment of Anemia in Resource-Poor Regions Using the Falling Drop Method. Rice University 360 Student Research Competition. April 2023. Third place award winner.
- 2020                   Comparison of Giemsa and Wright's Stain for Differential Analysis. Gistover N and Randolph TR. Experimental Biology 2020, San Diego, CA (April 4-7, 2020)(CANCELLED)
- 2019                   A Modified Sodium Metabisulfite Method to Distinguish Sick Cell Disease from Sick Cell Trait for Use in Underdeveloped Countries. Randolph TR, Le A, DeMond J. American Society for Clinical Laboratory Science, Charlotte, NC.
- 2018                   Development of a Microscopic Method to Diagnose Hemoglobin C Conditions for Use in Developing Countries. Kayla L. Schmidt and Tim R.

32 Tim R. Randolph revised 03/30/2022

Randolph. American Society for Biochemistry and Molecular Biology, San Diego, CA.

2018 Improving Accuracy of Falling Drop Hemoglobin Method via Modifications to Column Length. Rupprecht WK and Randolph TR. American Physiological Society, San Diego, CA.

2018 Development of a Sodium Metabisulfite Method to Distinguish Sickle Cell Disease from Sickle Cell Trait. Uppugunduri MJ and Randolph TR. St. Louis Area Undergraduate Research Symposium (STLAURS), St. Louis, MO.

2018 Prevalence and Severity of Anemia in Haiti. Le L and Randolph TR. St. Louis Area Undergraduate Research Symposium (STLAURS), St. Louis, MO.

2018 Improving Accuracy of Falling Drop Hemoglobin Method via Modifications to Column Length. Rupprecht WK and Randolph TR. Sigma Xi Research Symposium, SLU Chapter, St. Louis, MO.

2018 Prevalence and Severity of Anemia in Haiti. Le L and Randolph TR. Sigma Xi Research Symposium, SLU Chapter, St. Louis, MO.

2018 System to Diagnose Sickle Cell Anemia in Underdeveloped Countries. Rupprecht, WK, Ceglenski JP, Uppugunduri MJ and Randolph TR. Senior Legacy Symposium, Saint Louis University, St. Louis, MO.

2018 Development of a Microscopic Method to Identify HbC. Kayla L. Schmidt and Tim R. Randolph. Senior Legacy Symposium, Saint Louis University, St. Louis, MO.

2018 Prevalence and Severity of Anemia in Haiti. Le L and Randolph TR. Senior Legacy Symposium, Saint Louis University, St. Louis, MO.

2017 Development of a Microscopic Method to Identify HbC. Kayla L. Schmidt and Tim R. Randolph. American Society for Clinical Laboratory Science, San Diego, CA. (Student Poster Competition Winner)

2017 Development of a Microscopic Method to Identify HbC. Kayla L. Schmidt and Tim R. Randolph. American Society for Clinical Laboratory Science-Missouri, Lake of the Ozarks, MO. (Student Poster Competition Winner)



33 Tim R. Randolph revised 03/30/2022

- 2017 Comparison of Manual White Blood Cell Count Solutions for Use in Underdeveloped Countries. American Society for Clinical Laboratory Science-Missouri, Lake of the Ozarks, MO.
- 2017 Development of a Microscopic Method to Identify HbC. Kayla L. Schmidt and Tim R. Randolph. American Society for Biochemistry and Molecular Biology, Boston, MA.
- 2016 Quantifying HbF Using a Modified Kelihauer-Betke Assay. Rhena Singh and Tim R. Randolph. American Society for Biochemistry and Molecular Biology, San Diego, CA.
- 2016 Optimization of Falling Drop Copper Sulfate method to Quantify Hemoglobin Concentration. American Society for Biochemistry and Molecular Biology, San Diego, CA.
- 2016 Development of an Easy, Inexpensive and Precise Method to Identify Hemoglobin C for Use in Underdeveloped Countries. Chiemeziem D Ohiri and Tim R. Randolph. American Society for Biochemistry and Molecular Biology, San Diego, CA.
- 2016 Development of a Microscopic Method for the Detection of Hemoglobin C. Chiemeziem DePaul Ohiri, Kemdi Egekeze, Kayla Schmidt and Tim R. Randolph. Senior Legacy, Saint Louis University, St. Louis, MO.
- 2016 Copper Sulfate Quantitative Falling Drop Hemoglobin Method Correlation Studies. Jordyn Huston and Tim R. Randolph. ASCLS-MO State Meeting, St. Louis, MO. (Student Poster Competition Winner)
- 2016 Copper Sulfate Quantitative Falling Drop Hemoglobin Method Correlation Studies. Jordyn Huston and Tim R. Randolph. STLAURS Student Poster Competition, St. Louis, MO.
- 2015 Optimization of a Copper Sulfate Method to Quantify Hemoglobin. Monica Stumpf and Tim R. Randolph. St. Louis Area Undergraduate Research Symposium.
- 2015 Novel methods to Diagnose HbS and HbC Disorders in Underdeveloped Countries. John Korducki, Brad Lipinski, and Tim R. Randolph, Senior Legacy, Saint Louis University, St. Louis, MO.
- 2015 Rapid and Inexpensive Methods to Test Total Hemoglobin, WBC Count and HbA1c for Use in Underdeveloped Countries. Jimmy Fabiszak, Hae Shim,

- 34 Tim R. Randolph revised 03/30/2022
- Monica Stumpf, and Tim R. Randolph, Senior Legacy, Saint Louis University St. Louis, MO.
- 2015 Optimizing a Microscopic method for Detection of Hemoglobin C. Brad Lipinski and Tim R. Randolph, ASCLS-MO State Meeting, Columbia, MO. (Student Poster Competition Winner).
- 2015 Optimization of a Copper Sulfate Method to Quantify Hemoglobin. Monica Stumpf and Tim R. Randolph. American Society for Biochemistry and Molecular Biology, Boston, MA.
- 2014 Optimization of a Copper Sulfate Method to Quantify Hemoglobin. Monica Stumpf and Tim R. Randolph. American Society for Allied Health Professions (ASAHP) National Meeting, Las Vegas, NV.
- 2014 Induced Crystalization of Hemoglobin C Using a Hypertonic Salt Solution. Emma Tessier and Tim R. Randolph, SLU Senior Legacy, Saint Louis University, St. Louis, MO.
- 2014 Optimizing a Newly Developed method of HbF Quantitation for Use in Underdeveloped Countries. Irene Liu and Tim R. Randolph, SLU Senior Legacy, Saint Louis University, St. Louis, MO.
- 2014 Optimization of a Copper Sulfate Method to Quantify Hemoglobin. Monica Stumpf and Tim R. Randolph. Patchwork of Knowledge Laboratory Conference, Overland Park Marriott, Overland Park, KS.
- 2014 Induced Crystalization of Hemoglobin C Using a Hypertonic Salt Solution. Emma Tessier and Tim R. Randolph, St. Louis Area Undergraduate Research Symposium (StLAURS), Southern Illinois University – Carbondale, Carbondale, IL.
- 2013 Development of Copper Sulfate Method to Measure Hemoglobin Concentration. Robert Hoerner and Tim R. Randolph. SLU Senior Legacy, Saint Louis University, St. Louis, MO.
- 2012 Identifying HbC Using a Hypertonic Saline Solution: A Method for Use in Underdeveloped Countries. Tyler Gouge and Tim R. Randolph. St. Louis Area Undergraduate Research Symposium (STLAURS)
- 2012 Quantitation of HbF Using a Modified Kleihauer-Betke Assay. Lila Wahidi and Tim R. Randolph. St. Louis Area Undergraduate Research Symposium (STLAURS)

- 2012 Novel Laboratory Methods for Hemoglobinopathy Diagnosis and Monitoring in Underdeveloped Countries, Tyler Gouge, Lila Wahidi, and Anthony Knese, SLU Senior Legacy, Saint Louis University, St. Louis, MO.
- 2012 Identifying HbC Using a Hypertonic Saline Solution: A Method for Use in Underdeveloped Countries. Tyler Gouge and Tim R. Randolph. Missouri Organization for Clinical Laboratory Science (MoCLS) Annual State Meeting, St. Louis, MO. (2<sup>nd</sup> Place Award)
- 2012 Quantitation of HbF Using a Modified Kleihauer-Betke Assay. Lila Wahidi and Tim R. Randolph. Missouri Organization for Clinical Laboratory Science (MoCLS) Annual State Meeting, St. Louis, MO. (2<sup>nd</sup> Place Award)
- 2011 Comparison of micro-ESR using capillary blood to the standard Westergren method. Jim Pellizzaro and Tim R. Randolph. American Society for Clinical Laboratory Science (ASCLS) National Meeting, Atlanta, Georgia.
- 2011 Method to Identify Intracellular Hemoglobin C Crystals Using Hypertonic Saline: For Use in Underdeveloped Countries. Sanders T and Randolph TR. Missouri Organization for Clinical Laboratory Science (MoCLS) Annual State Meeting, Springfield, MO.
- 2011 Impact of Small Group Education Series on Outcomes of Medical Home Patients. Carol Danter, William Manard, Gilliiian Stephens, Erica Pearce, Mary Moore, Sherry Muir, Rabia Rahman, Ellen Gruszczynski, and Tim R. Randolph. American Academy of Physician Assistants IMPACT 2011, Las Vegas, NV.
- 2011 Laboratory Test Development to Diagnose and Monitor Hemoglobinopathies in Underdeveloped Countries. Taylor Sanders, Kulaya Srivitayarak and Tim R. Randolph. SLU Senior Legacy, Saint Louis University, St. Louis, MO.
- 2010 Research and Scholarly Activity of Clinical Laboratory Scientists and Training Programs. Fenn JP, Freeman V, Laudicina R, McCoy C, McLane MA, Mundt L, Polancic J, Randolph T, and Shannahan K. Clinical Laboratory Educators Conference (CLEC) National Meeting, Beau Rivage Hotel, Biloxi, Mississippi.
- 2010 The Modified Hemoglobin Solubility test (MHST): Detection and Differentiation of Sickle Cell Anemia in Developing Countries. Jimmy Pan

36 Tim R. Randolph revised 03/30/2022

and Tim R. Randolph. SLU Senior Legacy, Saint Louis University, St. Louis, MO.

- 2010 Quantifying hemoglobin of human blood using copper sulfate column. Colin Chen and Tim R. Randolph. SLU Senior Legacy, Saint Louis University, St. Louis, MO.
- 2010 Development of Spectrophotometric Bilirubin Measurement Method from Serum Using Ictotest Tablet. Stephen Abboud and Tim R. Randolph. SLU Senior Legacy, Saint Louis University, St. Louis, MO.
- 2010 Development of Spectrophotometric Bilirubin Measurement Method from Serum Using Ictotest Tablet. Stephen Abboud and Tim R. Randolph. Saint Louis Area Undergraduate Research Symposium (StLAURS – First Place Winner), St. Louis, MO.
- 2009 A Spectrophotometric Method of Hemoglobin F Detection: for use in underdeveloped countries to measure sickle cell response to hydroxyuria. Sarah Schumacher and Tim R. Randolph. ASCLS/AACC National Meeting, McCormick Place Convention Center, Chicago, Illinois.
- 2008 Optimizing the New Modified Hemoglobin Solubility Test for Use in Developing Countries to Diagnose Sickle Cell Anemia in Infants. Major Burger, Una Minitier, and Tim R. Randolph. SLU Senior Legacy, Saint Louis University, St. Louis, MO.
- 2008 False Positive Protein Measurements on Urine Dipstick Due to Free Hemoglobin. Jennifer Childs, Elizabeth Zeibig, and Tim R. Randolph. SLU Senior Legacy, Saint Louis University, St. Louis, MO.
- 2008 Relative Effects of Hemoglobin F on the Modified Hemoglobin Solubility test (MHST). Abigail Gwinn and Tim R. Randolph. SLU Senior Legacy, Saint Louis University, St. Louis, MO.
- 2007 Improvement of Plasma Replacement Procedure to Correct for Hemolysis. Brikena Helmi and Tim R. Randolph. ASCLS/AACC National Meeting, San Diego Convention Center, San Diego, California.
- 2007 Improvement of Plasma Replacement Procedure to Correct for Hemolysis. Brikena Helmi and Tim R. Randolph. Sigma Xi Research Society, St. Louis, MO.
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- 37 Tim R. Randolph revised 03/30/2022
- 2000 Efficacy of Using a Discard Tube in PT and aPTT Testing. Michael J. Hutchison and Tim R. Randolph. AACC/ICLSA/MoCLS Annual State Meeting, St. Louis Airport Marriott, St. Louis, Missouri.
- 2000 The Minimum Concentration of Fibrinogen Necessary for Platelet Aggregation Using ADP. Robert F. Cornell and Tim R. Randolph. AACC/ICLSA/MoCLS Annual State Meeting, St. Louis Airport Marriott, St. Louis, Missouri.
- 1998 The Effects of Albumin and Fibrinogen in Human Plasma on the Erythrocyte Sedimentation Rate. Garland Wong and Tim R. Randolph. MoCLS/KSCLS/KCCLMA Annual State Meeting, Overland Park Marriott, Overland Park, Kansas.
- 1997 Stability of Coagulation Factors in Normal Citrated Plasma Stored at 4°C and 24°C. Amy M. Louth and Tim R. Randolph. MoCLS/CLMA State Spring Meeting, Holiday Inn Select, Columbia, Missouri.
- 1997 Stability of Coagulation Factors in Normal Citrated Plasma Stored at 4°C and 24°C. Amy M. Louth and Tim R. Randolph. 19th Annual College of Associated Health Professions Research Forum, University of Illinois at Chicago, Chicago, Illinois.
- 1997 Relationship Between Mean Corpuscular Volume and Mean Corpuscular Hemoglobin Concentration in Hereditary Spherocytosis. Kelly Schofield and Tim R. Randolph. ASCLS/AACC/CSCC National Meeting, Atlanta Hilton Towers, Atlanta, Georgia.
- 1996 The Concentration of Escherichia Coli and the Incubation Interval at 37°C Necessary to Convert a Positive Urinary Glucose to a Negative as Detected by the Clinitest Method. Anthony M. Sides and Tim R. Randolph. ASCLS/AACC/CSCC National Meeting, Downtown Marriott Hotel, Chicago, Illinois.
- 1996 The Concentration of Escherichia coli and the Incubation Interval at 37°C Necessary to Convert a Positive Urinary Nitrite to a Negative as Detected by the Manual Griess Method. Sam Vanphayboun and Tim R. Randolph. ASCLS/AACC/CSCC National Meeting, Downtown Marriott Hotel, Chicago, Illinois
- 1995 Minimum Urine Volume Necessary to Produce a Positive Nitrite as Detected by the Manual Griess Method. Bharat Patel and Tim R. Randolph. MoCLS State Meeting, Holiday Inn, Hannibal, Missouri.

- 1995 Changes in EDTA Preserved Erythrocytes Stored In Vitro at 4°C Celsius. David S. Fulmer and Tim R. Randolph. MoCLS State Meeting, Holiday Inn, Hannibal, Missouri.
- 1994 The Effects of Heparin on Normal Hematologic Erythrocyte Parameters. Alicia D. Randles and Tim R. Randolph. ASCLS National Meeting, Opryland Hotel, Nashville, Tennessee.
- 1994 Erythrocyte Sedimentation Rate (ESR) as a Monitoring Tool for Breast, Colorectal, Skin and Hematopoietic Malignancies. Randolph TR. Proceedings of the 1994 Allied Health Research Forum, University of Illinois at Chicago, Chicago, Illinois.
- 1993 Prealbumin: A Nutritional Assessment Tool. Tracy Pitzer, Carol Goeken and Tim R. Randolph. MSMT/KSMT/ CLMA Spring Meeting, Marriott Hotel, Overland Park, Kansas.
- 1993 A Clinical Comparison of Two Rapid Group A Streptococcus Detection Tests: Reveal vs Directigen. Beatrice Bernhart, Carol Weber and Tim R. Randolph. MSMT/KSMT/CLMA Spring Meeting, Marriott Hotel, Overland Park Kansas.
- 1993 Comparison of the E-Test and the Vitek System at Saint Louis University Using Gram Negative Isolates. Patricia S. Konrad, Thomas W. Milligan and Tim R. Randolph. ASCLS National Meeting, Opryland Hotel, Nashville, Tennessee.
- 1993 Isolation and Partial Characterization of Human Cutaneous Mast Cells. Randolph TR and Lagunoff D. Proceedings of the 1993 Allied Health Research Forum, University of Illinois at Chicago, Chicago, Illinois.
- 1993 Isolation and Partial Characterization of Human Cutaneous Mast Cells. Randolph TR and Lagunoff D. Proceedings of the Fifth Annual Southeastern Allied Health Symposium, 1993, Louisiana State University Medical Center, New Orleans, Louisiana.

## **PROFESSIONAL PRESENTATIONS:**

### **International (Peer-reviewed)**

- 2019 A Financially Sustainable Model to Reduce the Mortality of Sickle Cell

Disease in Haiti. International Pediatric Conference. Marriott Hotel, Port-au-Prince, Haiti.

**National (Peer-reviewed)**

- 2021 Sickle Cell Disease: A Global View. ASCLS National Meeting, Louisville, KY.
- 2018 Sickle Cell Trait: Benign Carrier or Clinical Condition? ASCLS National Meeting, Chicago, IL.
- 2018 Abnormal Resting Biomarkers in Sickle Cell Trait. ASCLS National Meeting, Chicago, IL.
- 2018 Comparison of the Falling Drop Method to Existing Hemoglobin Methods. ASCLS National Meeting, Chicago, IL.
- 2016 Laboratory Services in Underdeveloped Countries. ASCLS National Meeting, Philadelphia, PA.
- 2014 ASCLS: Leadership Development in Your State. ASCLS National Meeting, Chicago, IL.
- 2013 Mode of Action of Chemotherapeutic and Modern Anti-Leukemic Drugs. ASCLS National Meeting, Houston, TX.
- 2012 Quantitation of Fetal Hemoglobin Using a Modified Kleihauer-Betke Assay. ASCLS National Meeting, Los Angeles, CA. (research presentation)
- 2011 Hemoglobinopathies and Thalassemias: Unraveling the Distinction through Molecular Comparison. ASCLS National Meeting, Atlanta, GA.
- 2011 Incorporating Ethics & Professional Values into a Clinical Laboratory Science Curriculum. Clinical Laboratory Educators Conference (CLEC) National Meeting, Ft. Lauderdale, FL – RCCL Navigator.
- 2011 Update on CML to Include Therapeutic Approach. National Webinar. Teleconference Network of Texas (TNT). The University of Texas Health Sciences Center at San Antonio, San Antonio, Texas.
- 2010 Laboratory Personnel Licensure: Panel Discussion. An Update from Missouri. ASCLS National Meeting, Anaheim, CA.
- 2010 Update on Second Generation Tyrosine Kinase Inhibitors and other

40 Tim R. Randolph revised 03/30/2022

- Therapies for the Treatment of CML. ASCLS National Meeting, Anaheim, CA.
- 2010 Things You Should Know Before You Commit to Write or Contribute to a Textbook. Clinical Laboratory Educators Conference (CLEC) National Meeting, Beau Rivage Hotel, Biloxi, Mississippi.
- 2010 Iron metabolism in Anemia of Inflammation. National Webinar. Teleconference Network of Texas (TNT). The University of Texas Health Sciences Center at San Antonio, San Antonio, Texas.
- 2009 Polycythemia Vera: Molecular Biology, Pathophysiology & Laboratory Diagnosis. National Teleconference, Teleconference Network of Texas (TNT), The University of Texas Health Sciences Center at San Antonio.
- 2009 Molecular Comparison of Hemoglobinopathies and Thalassemias. ASCLS National Meeting, Chicago, IL.
- 2009 Licensure Experiences from the Trenches of Missouri. ASCLS National Meeting, Chicago, IL.
- 2008 Determining the Usefulness of the Modified Hemoglobin Solubility Test in Diagnosing infants with Homozygous Sickle Cell Anemia. Research Presentation, ASCLS National Meeting, Capitol Hilton, Washington, DC
- 2008 Thalassemias vs Hemoglobinopathies. National Teleconference, Teleconference Network of Texas (TNT), The University of Texas Health Sciences Center at San Antonio.
- 2007 Sickle Cell Anemia: The Whole Story. Teleconference Network of Texas, Audioconference, University of Texas Health Sciences Center at San Antonio, San Antonio, Texas.
- 2007 Update on Gleevec and Other Tyrosine Kinase Inhibitors for CML. ASCLS National Meeting, San Diego, CA.
- 2007 Development of Laboratory Services in Developing Countries. ASCLS National Meeting, San Diego, CA. (Roundtable)
- 2007 Development of a Modified Hemoglobin Solubility Test (MHST) for the Diagnosis of Sickle Cell Anemia. Research Presentation. ASCLS National Meeting, San Diego, CA.



41 Tim R. Randolph revised 03/30/2022

- 2007 The Molecular Biology and Treatment Strategies for Some of the More Important Hematologic Mutations. Teleconference Network of Texas, Audioconference, University of Texas Health Sciences Center at San Antonio, San Antonio, Texas.
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- 2006 Knowledge of and Support for Licensure for Laboratory Professionals. ASCLS National Meeting, Renaissance Chicago Hotel, Chicago, Illinois. (research presentation)
- 2006 Approaches to the Treatment and Monitoring of Chronic Myelocytic Leukemia (CML). Teleconference Network of Texas, Audioconference, University of Texas Health Sciences Center at San Antonio, San Antonio, Texas.
- 2005 Role of the Clinical Laboratory in Third World Countries; Using Haiti as an Example. (Roundtable). ASCLS National Meeting, Hilton in Walt Disney World Resort, Orlando, Florida.
- 2005 Estimated Incidence of Sickle Cell, Human Immunodeficiency Virus, Hepatitis B and Hepatitis C in Northern Haiti. ASCLS National Meeting, Hilton in Walt Disney World Resort, Orlando, Florida. (research presentation)
- 2004 AML M3 and CML: Models of a Single Mutation Leukemogenesis. ASCLS National Meeting, Hyatt Regency Hotel, Los Angeles, California.
- 2003 Estimated Incidence of Sickle Cell Anemia and HIV Infection in Northeastern Haiti. ASCLS National Meeting, Wyndham Hotel, Philadelphia, Pennsylvania.
- 2003 Comparison Between FAB and WHO Classification Systems of Leukemias and Myelodysplastic/Myeloproliferative Disorders. Teleconference Network of Texas, Audioconference, University of Texas Health Sciences Center at San Antonio, San Antonio, Texas.
- 2001 The Molecular Biology of Thalassemia. Roundtable. ASCLS National Meeting, Chicago Downtown Marriott, Chicago, Illinois.
- 2001 Chronic Myelocytic Leukemia: A Leukemogenic and Therapeutic Paradigm. Laboratory Education for North Dakota (LEND), Audioconference, University of North Dakota, Grand Forks, North Dakota

42 Tim R. Randolph revised 03/30/2022

(invited speaker).

- 2001 Developing a Research Mind-Set in CLS Students. CLEC National Meeting, Hyatt Regency St. Louis at Union Station, St. Louis, Missouri.
- 1999 Update on Leukemias Parts I and II: Teleconference Network of Texas, Audioconference, University of Texas Health Sciences Center at San Antonio, San Antonio, Texas.
- 1998 Update on Leukemias. ASCLS/AACC/CSCC National Meeting, Chicago, IL.
- 1997 The Erythrocyte Sedimentation Rate (ESR) as a Tumor Marker for Lung Cancer: Phase II. ASCLS/AACC/CSCC National Meeting, Atlanta Hilton Towers, Atlanta, Georgia. (research presentation)
- 1996 Thalassemia: The Molecular Biology. Teleconference Network of Texas, Audio-conference, The University of Texas Health Science Center at San Antonio, San Antonio, Texas.
- 1996 Integrating Research in the Undergraduate CLS Curriculum. ASCLS/AACC/CSCC National Meeting, Downtown Marriott Hotel, Chicago, Illinois.
- 1995 Philadelphia Chromosome--Part I: The History and Clinical Significance. Teleconference Network of Texas, Audio-conference, The University of Texas Health Science Center at San Antonio, San Antonio, Texas.
- 1995 Philadelphia Chromosome--Part II: The Mutation, the Gene Product, and the Putative Role in Carcinogenesis. Teleconference Network of Texas, Audio-conference, The University of Texas Health Science Center at San Antonio, San Antonio, Texas
- 1994 Erythrocyte Sedimentation Rate (ESR) as a Monitoring Tool for Breast, Colorectal, Skin and Hematopoietic Malignancies. Allied Health Research Forum, University of Illinois at Chicago, Chicago, Illinois. (research presentation)
- 1994 Erythrocyte Sedimentation Rate (ESR) as a Surrogate Tumor Markers. ASCLS National Meeting, Opryland Hotel, Nashville, Tennessee. (research presentation)
- 1994 Philadelphia Chromosome--Part I: The History and Clinical Significance.

43 Tim R. Randolph revised 03/30/2022

ASCLS National Meeting, Opryland Hotel, Nashville, Tennessee.

1994 Philadelphia Chromosome--Part II: The Mutation, The Gene Product and its Role in Carcinogenesis. ASCLS National Meeting, Opryland Hotel, Nashville, Tennessee.

1993 Isolation and Partial Characterization of Human Cutaneous Mast Cells. 1993 Allied Health Research Forum, University of Illinois at Chicago, Chicago, Illinois. (research presentation)

1993 Isolation and Partial Characterization of Human Cutaneous Mast Cells. Fifth Annual Southeastern Allied Health Research Symposium, Louisiana State University Medical Center, New Orleans, Louisiana.

**National (Invited Speaker)**

2023 2022 WHO Update: Hematologic Malignancies. MediaLab, Inc. Webinar. July 2023.

2023 Improving Healthcare in Underdeveloped Countries. Partners of the Americas Annual Conference. Virtual Meeting.

2022 Sickle Cell Trait: Benign Carrier or Sub-Clinical Condition. Sysmex Spring Webinar Series. National, Online Conference. Sysmex Corporation.

2020 Sickle Cell Trait: Benign or Not? Sickle Cell Trait 360. National, Online Conference. Sponsors: The As One Foundation; What'z Da Count Foundation; Nscrxprin Foundation, Chris: CJ" Johnson Foundation.

**Regional (Invited Speaker)**

2023 Myeloproliferative Neoplasms. ASCP/CLMA Great Plains Spring Laboratory Conference. Scott Conference center, Omaha, NE (Virtual Presentation)

2014 ASCLS: Leadership Development in Your State. ASCLS Region IV Leadership Conference, Bowling Green State University at Levis Commons, Perrysburg, OH.

2014 ASCLS —Your Professional Voice. Patchwork of Knowledge Laboratory Conference, MoCLS, KSCLS and KC CLMA, Overland Park Marriott, Overland Park, KS.

44 Tim R. Randolph revised 03/30/2022

- 2014 Laboratory Services in Underdeveloped Countries. Patchwork of Knowledge Laboratory Conference, MoCLS, KSCLS and KC CLMA, Overland Park Marriott, Overland Park, KS.
- 2014 How Does a Professional Practice Professionalism? Patchwork of Knowledge Laboratory Conference, MoCLS, KSCLS and KC CLMA, Overland Park Marriott, Overland Park, KS.
- 2014 Hematology Review. Patchwork of Knowledge Laboratory Conference, MoCLS, KSCLS and KC CLMA, Overland Park Marriott, Overland Park, KS.
- 2014 Hemostasis Review. Patchwork of Knowledge Laboratory Conference, MoCLS, KSCLS and KC CLMA, Overland Park Marriott, Overland Park, KS.
- 2014 Molecular Biology of the Myeloproliferative Disorders. Patchwork of Knowledge Laboratory Conference, MoCLS, KSCLS and KC CLMA, Overland Park Marriott, Overland Park, KS.
- 2014 Career Panel. Patchwork of Knowledge Laboratory Conference, MoCLS, KSCLS and KC CLMA, Overland Park Marriott, Overland Park, KS.
- 2013 Mode of Action of Chemotherapeutic and Modern Anti-leukemic Drugs. Great Planes Regional Laboratory Expo, La Vista, NE
- 2013 Normal and Abnormal Iron Metabolism. Great Planes Regional Laboratory Expo, La Vista, NE
- 2010 Mode of Action of Chemotherapeutic and Modern Anti-Leukemic Drugs. ASCLS Region III Triennial Meeting, Coastal Georgia Center, Savannah, Georgia.
- 2010 Licensure for Laboratory Personnel: MoCLS Experience. ASCLS Region III Triennial Meeting, Coastal Georgia Center, Savannah, Georgia.
- 2010 Role of Hcpidin in Anemia of Inflammation/Malignancy and Hemochromatosis. Caroliona Clinical Connection, Crown Royal Plaza, Asheville, NC.
- 2010 Licensure for Laboratory Personnel: MoCLS Experience. Carolina Clinical Connection, Crown Royal Plaza, Asheville, NC.

- 2009 Myeloproliferative Disorders: Genetic Trailblazers. Great Planes Regional Laboratory Expo (Missouri, Kansas, Nebraska, Iowa). Mid-America Center, Council Bluffs, IA.
- 2009 Myeloproliferative Disorders. Carolina Clinical Connection, Embassy Suites – Kingston Plantation, Myrtle Beach, South Carolina.
- 2008 The Molecular Biology of CML and an Update on Thyrosine Kinase Therapy, Northeast Laboratory Conference, Holiday Inn by the Bay, Portland, Maine.
- 2008 Sickle cell Anemia: The Whole Story. Northeast Laboratory Conference, Holiday Inn by the Bay, Portland, Maine.
- 2008 Molecular Comparison of Thalassemias vs Hemoglobinopathies. Carolina Clinical Connections 2008 Bi-State Meeting (CCC08), (presentation sponsored by InfoLab). Hilton Riverside Wilmington Hotel, Wilmington, NC.
- 2007 Throsine Kinase Inhibitors in CML. America Society of Clinical Laboratory Science- Region V Tri-State Meeting, Ramada Inn, Fargo, North Dakota.
- 2007 Molecular Biology of Myeloproliferative Disorders. America Society of Clinical Laboratory Science- Region V Tri-State Meeting, Ramada Inn, Fargo, North Dakota.
- 2007 Medical Missions Work in Haiti. Region III Triennial Meeting, (presentation sponsored by InfoLab). Springmaid Resort and Conference Center, Myrtle Beach, South Carolina.
- 2007 The Molecular Basis of Modern Treatment Regimens for Leukemia. Region III Triennial Meeting, (presentation sponsored by InfoLab). Springmaid Resort and Conference Center, Myrtle Beach, South Carolina.
- 2007 Update of Polycythemia vera and Sickle Cell Anemia. (presentation sponsored by InfoLab). Carolina Clinical Connection. Springmaid Resort and Conference Center, Myrtle Beach, South Carolina.
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- 2006 Update on Gleevec Therapy for CML and Therapeutic Approach for Non-responders. Carolina Clinical Connection 2006 sponsored by North and South Carolina Societies for Clinical Laboratory Science. (presentation

46 Tim R. Randolph revised 03/30/2022

sponsored by InfoLab). Crowne Plaza Hotel, Asheville, North Carolina.

2005 Single Step Leukemogenesis. University of Alabama Birmingham. Department of Pathology and School of Medicine. Graduate and medical students. Audioconference delivered via telephone using Powerpoint.

2005 The Molecular Biology of AML:M3 and CML: An Atypical Commonality. Carolina Clinical Connection 2005 sponsored by North and South Carolina Societies for Clinical Laboratory Science. (presentation sponsored by InfoLab). Springmaid Resort and Conference Center, Myrtle Beach, South Carolina.

1991 The Technologist as Educators: Enhancing Your Presentation Skills. ASMT Region VI Annual Meeting, Kansas City, Kansas.

**State (Invited Speaker)**

2023 Myeloproliferative neoplasm Update Using the WHO 2022 Classification System. ASCP Great Plains Chapter (CLMA), Scott Conference Center, Omaha, NE

2022 Sickle Cell Trait: Benign Carrier or Sub-Clinical Condition. ASCLS-NE, CLMA Great Plains Chapter, Philippine Association for Medical Technology, ASCP Spring Meeting. Embassy Suites La Vista Hotel and Conference Center, LaVista, NE.

2020 Molecular Biology of BCR-ABL Negative Myeloproliferative Neoplasms. ASCLS-MO/HOA CLMA Spring Meeting. Embassy Suites, St. Charles, MO. (CANCELLED)

2020 Pathophysiology of Sickle Cell Trait. ASCLS-MO/HOA CLMA Spring Meeting. Embassy Suites, St. Charles, MO. (CANCELLED)

2019 Hemostasis Review. ASCLS-MO Annual Spring Meeting. Lodge of the Four Seasons, Lake of the Ozarks, MO.

2019 Myeloproliferative Neoplasms: An Update. ASCLS-MO Annual Spring Meeting. Lodge of the Four Seasons, Lake of the Ozarks, MO.

2018 Sickle Cell Trait: A Sub-Clinical Disorder? Patchwork of Knowledge Laboratory Conference sponsored by Heart of America CLMA, ASCLS-

47 Tim R. Randolph revised 03/30/2022

MO and KSCLS. Overland Park Marriott, Overland Park, KS.

- 2018 Hematology Review: RBC Disorders. Patchwork of Knowledge Laboratory Conference sponsored by Heart of America CLMA, ASCLS-MO and KSCLS. Overland park Marriott, Overland Park, KS.
- 2018 Hematology Review: WBC Disorders. Patchwork of Knowledge Laboratory Conference sponsored by Heart of America CLMA, ASCLS-MO and KSCLS. Overland park Marriott, Overland Park, KS.
- 2016 Sickle Cell: The Whole Story. ASCLS-MO Annual Spring Meeting, St. Louis, MO.
- 2016 Diseases of Iron Metabolism. ASCLS-MO Annual Spring Meeting, St. Louis, MO.
- 2016 Hematology Review. ASCLS-MO Annual Spring Meeting, St. Louis, MO.
- 2015 Sickle Cell Disease: The Whole Story. ASCLS-MO Annual Spring Meeting, Columbia, MO.
- 2015 Thalassemia: A to Z. ASCLS-MO Annual Spring Meeting, Columbia, MO.
- 2014 Normal and Abnormal Iron metabolism. American Association of Bioanalysts (AAB) – Associate Member Section Spring Workshops, Inn at Grand Glaize, Osage Beach, MO.
- 2014 Sickle Cell: A to Z. American Association of Bioanalysts (AAB) – Associate Member Section Spring Workshops, Inn at Grand Glaize, Osage Beach, MO
- 2014 Mechanism of Action of Common Anti-leukemic Drugs. American Society for Clinical Laboratory Science - Michigan (ASCLS-MI) Annual Meeting, Kalamazoo, MI.
- 2014 Hematology Update: Myeloproliferative Neoplasms. American Society for Clinical Laboratory Science - Michigan (ASCLS-MI) Annual Meeting, Kalamazoo, MI.
- 2014 Hemoglobinopathies and Thalassemias: Unraveling the Distinctions Through Molecular Comparison. American Society for Clinical Laboratory Science - Michigan (ASCLS-MI) Annual Meeting, Kalamazoo, MI.

- 2014 Thalassemia A to Z. MoCLS Continuing Education Workshop. Mississippi Valley Regional Blood Center, 11853 Dorsett Road, Maryland Heights, MO 63043
- 2012 The Mode of Action of Chemotherapeutic and Modern Anti-leukemic Drugs. ASCLS-IL Spring Meeting. Four Points Sheraton Hotel and Conference Center, Peoria, IL.
- 2012 ASCLS Initiatives: What ASCLS is Doing for You! ASCLS-IL Spring Meeting. Four Points Sheraton Hotel and Conference Center, Peoria, IL.
- 2012 CML: The Disease and Its Treatment. MoCLS Spring Meeting. Millenium Hotel and Conference Center, St. Louis, MO.
- 2012 Comparison of Thalassemias and Hemoglobinopathies. MoCLS Spring Meeting. Millenium Hotel and Conference Center, St. Louis, MO.
- 2012 Laboratory Personnel Licensure in Missouri. MoCLS Spring Meeting. Millenium Hotel and Conference Center, St. Louis, MO.
- 2012 Molecular Biology of Anemias of Iron Metabolism. ASCLS-NE Spring Meeting. La Vista Conference Center, Omaha, NE.
- 2012 Molecular Biology of Important Hematologic Mutations. ASCLS-NE Spring Meeting. La Vista Conference Center, Omaha, NE.
- 2011 The Call: Answer or Miss the Boat. Opening Keynote Address. MSCLS Spring Meeting. Radisson Plaza Hotel & Suites in Kalamazoo, MI.
- 2011 The Call: Answer or Miss the Boat. Opening Keynote Address. KSCLS/CLMA Spring Meeting. Wichita Marriott Hotel, Wichita, KS.
- 2011 Molecular Biology of Anemia of Chronic Disease/Inflammation. KSCLS/CLMA Spring Meeting. Wichita Marriott Hotel, Wichita, KS.
- 2011 Thalassemia A to Z. ASCLS-NE/ASCLS-IA/CLMA/ASCP Spring Bi-State Meeting. La Vista Conference Center, Omaha, NE.
- 2011 Role of Hcpidin in Disorders of Iron Metabolism. ASCLS-NE/ASCLS-IA/CLMA/ASCP Spring Bi-State Meeting. La Vista Conference Center, Omaha, NE.



49 Tim R. Randolph revised 03/30/2022

- 2011 Understanding the Molecular Origin of Myeloproliferative Neoplasms. ASCLS-NE/ASCLS-IA/CLMA/ASCP Spring Bi-State Meeting. La Vista Conference Center, Omaha, NE.
- 2011 Laboratory Services in Developing Countries. MoCLS Spring Meeting. University Plaza Hotel and Convention Center, Springfield, MO.
- 2011 Missouri Licensure Update. Closing Keynote Address. MoCLS Spring Meeting. University Plaza Hotel and Convention Center, Springfield, MO. (Invited Speaker).
- 2011 Thalassemias. University of North Dakota, Graduate student lecture, Powerpoint created November 2010, to be recorded January 2011.
- 2010 Hemoglobinopathies. University of North Dakota, Graduate student lecture, recorded and sent in October 2010.
- 2010 Myeloproliferative Neoplasms: Genetic Trailblazers. NSCLS/ASCP/CLMA Spring Meeting. La Vista Conference Center, Omaha, NE.
- 2010 The Molecular Basis for Modern Treatment Regimens for Leukemia. ASCP/CLMA/NSCLS Spring Meeting. La Vista Conference Center, Omaha, NE
- 2010 CLS careers in Education and Missions. ASCP/CLMA/NSCLS Spring Meeting. La Vista Conference Center, Omaha, NE
- 2010 Medical Missions in Haiti: Randolph World Ministries, Inc. ASCLS-IL State Meeting. Doubletree Hotel and Conference Center, Oak Brook, IL.
- 2010 Mechanisms of Leukemogenesis. ASCLS-IL State Meeting. Doubletree Hotel and Conference Center, Oak Brook, IL.
- 2010 Molecular Biology of the Myeloproliferative Neoplasms. Patchwork of Knowledge – MoCLS/KSCLS State Meeting. Kansas City Downtown Marriott, Kansas City, MO.
- 2010 The Molecular Basis for Modern Treatment Regimens for Leukemia. Patchwork of Knowledge – MoCLS/KSCLS State Meeting. Kansas City Downtown Marriott, Kansas City, MO.
- 2010 Myeloproliferative Neoplasms: The Molecular Origin of Disease. Midwest CLIA Consortium. Airport Marriott, Kansas City, MO.

- 2010: Medical Missions in Haiti: Randolph World Ministries, Inc. Midwest CLIA Consortium. Airport Marriott, Kansas City, MO.
- 2009 The Sickle Cell Story. ASCLS-ND State Meeting. Holiday Inn, Grand Forks, ND.
- 2009 Molecular Biology of Polycythemia vera and other Myeloproliferative Disorders. ASCLS-ND State Meeting. Holiday Inn, Grand Forks, ND.
- 2009 Sickle cell Anemia: The Whole Story. ASCLS-MI State Meeting, Somerset Inn & Conference Center, Troy, MI.
- 2009 Molecular Biology of the Myeloproliferative Disorders. ASCLS-MI State Meeting, Somerset Inn & Conference Center, Troy, MI.
- 2009 ASCLS Consumer Website: 10 years of Experience. ASCLS-IL State Meeting, President Abraham Lincoln Hotel & Conference Center, Springfield, IL.
- 2009 Caribbean Laboratory Adventures. ASCLS-IL State Meeting, President Abraham Lincoln Hotel & Conference Center, Springfield, IL.
- 2008 Update on Gleevec Therapy and Approach to Drug Resistance. ASCLS-IL State Meeting, Hickory Ridge Marriott Conference Hotel, Chicago, IL
- 2008 Molecular Comparison Between Thalassemias and Hemoglobinopathies. KSCLS/CLMA State Meeting, Hays Holiday Inn Express, Hays, Kansas
- 2008 Haiti: The Country, Her People, and the Role of the Clinical Laboratory. KSCLS/CLMA State Meeting, Hays Holiday Inn Express, Hays, Kansas
- 2008 Update on Gleevec Therapy and Approach to Drug Resistance. MoCLS/CLMA State Meeting, Viking Hotel and Conference Center, St. Louis, Missouri.
- 2008 Molecular Comparison of Thalassemias and Hemoglobinopathies (i.e. Sickle Cell). MoCLS/CLMA State Meeting, Viking Hotel and Conference Center, St. Louis, Missouri.
- 2007 Important Hematologic Mutations. KSCLS/CLMA State Meeting, Airport Hilton Hotel, Wichita, Kansas.

51 Tim R. Randolph revised 03/30/2022

- 2007 The Molecular Biology of Important Hematologic Mutations. MoCLS/CLMA Spring Meeting, Lodge of Four Seasons, Lake Ozark, Missouri.
- 2007 Sickle Cell Anemia: A to Z. MoCLS/CLMA State Meeting, Lodge of Four Seasons, Lake Ozark, Missouri.
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- 2006 Update on Gleevec in Treatment of CML. MoCLS/KSCLS/CLMA State Meeting. Marriott Hotel, Overland Park, Kansas.
- 2006 Medical Mission Ministry in Haiti. MoCLS/KSCLS/CLMA State Meeting. Marriott Hotel, Overland Park, Kansas.
- 2006 Licensure for Missouri Clinical Laboratory Professionals. MoCLS/KSCLS/CLMA State Meeting. Marriott Hotel, Overland Park, Kansas.
- 2005 Haiti: The Country, Her People and the Role of the Clinical Laboratory. MoCLS/CLMA State Meeting, Clarion Hotel, Springfield, Missouri.
- 2004 Chronic Myelocytic Leukemia: A to Z. American Association of Bioanalysts (AAB) State Meeting, The Inn at Grand Glaize, Osage Beach, Missouri.
- 2004 Single Mutation Leukemogenesis: The AML M3 and CML Models. MoCLS State Meeting, Doubletree Hotel, Chesterfield, Missouri.
- 2003 FAB vs WHO Classification of Hematological Malignancies. MoCLS/CLMA State Meeting, Capitol Plaza Hotel, Jefferson City, Missouri.
- 2002 Thalassemia: Molecular Aspects of Causation and Detection. KSCLS-MoCLS-KC CLMA State Meeting, Overland Park Marriott, Overland Park Kansas.
- 2002 CML: Historical Origins, Current Understanding and Future Perspectives. KSCLS-MoCLS-KC CLMA State Meeting, Overland Park Marriott, Overland Park Kansas (invited speaker).
- 2001 CML: Past, Present and Future. MoCLS State Meeting, Hannibal Inn, Hannibal, Missouri.

52 Tim R. Randolph revised 03/30/2022

- 2001 The Molecular Biology of Thalassemia. MoCLS State Meeting, Hannibal Inn, Hannibal, Missouri.
- 2000 Update on Leukemias Parts I and II. AACCC/ICLSA/MoCLS State Meeting, St. Louis Airport Marriott, St. Louis, Missouri.
- 1998 Tumor Markers and the ESR. MoCLS/KSCLS/KCCLMA Annual State Meeting, Overland Park Marriott, Overland Park, Kansas.
- 1996 Diagnostic Algorithms for RBC and WBC Disorders Workshop. CLMA/MoCLS State Meeting, St. Louis Airport Marriott, St. Louis, Missouri.
- 1996 Molecular Defect in AML M3 and Potential Therapy. CLMA/MoCLS State Meeting, St. Louis Airport Marriott, St. Louis, Missouri.
- 1995 Diagnostic Protocol for Red Blood Cell and White Blood Cell Disorders. MoCLS State Meeting, Holiday Inn, Hannibal, Missouri.
- 1995 Principles of Histogram Generation and Interpretation from Particle Counting Instruments. MoCLS State Meeting, Holiday Inn, Hannibal, Missouri.
- 1994 Thalassemias; Part I: A Thorough Review. MSMT/KSMT/CLMA State Spring Meeting, Marriott Hotel, Overland Park, Kansas.
- 1994 Thalassemias; Part II: The Molecular Biology. MSMT/ KSMT/CLMA State Spring Meeting. Marriott Hotel, Overland Park, Kansas.
- 1993 Philadelphia Chromosome--Part I: The History and Clinical Significance. MSMT/IMTA/CLMA Bi-State Meeting, Hilton Frontenac, St. Louis, Missouri.
- 1993 Philadelphia Chromosome--Part II: The Mutation, the Gene Product and It's Role in Carcinogenesis. MSMT/IMTA/CLMA Bi-State Meeting, Hilton Frontenac, St. Louis, Missouri.

**Local (Invited Speaker)**

- 2022: Warrior's Epistemology: Dreaming of Disability Justice for the Global Sickle Cell Community. ALTAS Week Presentation. Saint Louis University.

53 Tim R. Randolph revised 03/30/2022

- 2021 Sickle Cell Research Collaboration. DCHS Research Colloquium, Saint Louis University.
- 2021 Hematology Instrumentation. Department of Pathology, Saint Louis University.
- 2018 Developing a Sustainable Sickle Cell Program for Underdeveloped Countries. Fall MLS Education Preceptor's (Advisory Board) Meeting. Department of Clinical Health Sciences, Saint Louis University.
- 2017 Developing a Research Agenda Around Service Activities. Topics in Pathology. Department of Pathology, Saint Louis University.
- 2017 Developing a Research Agenda Around Service, DCHS Research Colloquium, Saint Louis University.
- 2017 Panelist - Advancing Interdisciplinary Research and Teaching at SLU. Sigma Xi Chapter. Center for Global Citizenship, Saint Louis University.
- 2015 Sickle Cell Anemia: The Whole Story. Medical Laboratory Science Education Preceptor's Meeting, Saint Louis University.
- 2015 Sickle Cell Anemia: The Whole Story. Medical Laboratory Science Education Preceptor's Meeting, Saint Louis University.
- 2011 Laboratory Services in Developing Countries. CLS Education Preceptors Meeting, Department of Clinical Laboratory Science, Doisy College of Health Sciences Saint Louis University, St. Louis, MO.
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- 1993 Inactivation of the Retinoblastoma Gene in Acute Myelogenous Leukemia. Journal Club, Department of Pathology, School of Medicine, Saint Louis University, St. Louis, Missouri.
- 1993 Isolation and Characterization of Human Cutaneous Mast Cells. Research Colloquium, Department of Pathology, Saint Louis University, St. Louis, Missouri.
- 1992 Beta-Thalassemia Mutations. Journal Club, Department of Pathology, School of Medicine, Saint Louis University, St. Louis, Missouri.
- 1991 Tumorigenesis: A Multistep Process--Colorectal Model. Journal Club, Department of Pathology, School of Medicine, Saint Louis University, St. Louis, Missouri.

- 1991 Scholarships in the Clinical Laboratory Sciences. Presented to Clinical Laboratory Manager Association (CLMA) of Metro St. Louis. St. Mary's Health Center, St. Louis, Missouri.
- 1990 The Philadelphia Chromosome. Journal Club, Department of Pathology, School of Medicine, Saint Louis University, St. Louis, Missouri.

### **CONSULTING**

- 2020-Present Emmaus Medical, Inc. Consulting on a research design to study the effects of Endari (L-glutamine) on patients with sickle cell trait.

### **TEACHING EXPERIENCE**

#### **Formal Courses**

- 2015-Present MLS-4850, 3850, 2850, 1850 Research (Course Master & Primary Instructor)(100%), Medical Laboratory Science & Investigative and Medical Science Students, Doisy College of Health Sciences, Saint Louis University.
- 2015-Present MLS-4610 Advanced Topics (Secondary Instructor)(15%), Medical Laboratory Science Students, Doisy College of Health Sciences, Saint Louis University.
- 2015-Present BLS-4220 Hemostasis & Thrombosis (Course Master & Primary Instructor) (100%), Medical Laboratory Science & Investigative and Medical Science Students, Doisy College of Health Sciences, Saint Louis University.
- 2014-Present BLS-4210 Hematology (Course Master & Primary Instructor)(100%), Medical Laboratory Science & Investigative and Medical Science Students, Doisy College of Health Sciences, Saint Louis University.
- 2014-Present BLS-1100 Foundations in Medical Laboratory Science (Guest Lecturer) (5%), Medical Laboratory Science & Investigative and Medical Science Students, Doisy College of Health Sciences, Saint Louis University.
- 2018-Present: BLS-52xx Introduction to Clinical Laboratory Medicine. (Course Master & Primary Instructor)(70%), Physician Assistant Students, Doisy College of Health Sciences, Saint Louis University

- 2015-2017: BLS-4900 Introduction to Clinical Laboratory Medicine. (Course Master & Primary Instructor)(60%), Physician Assistant Students, Doisy College of Health Sciences, Saint Louis University
- 2015-2017 BLS-4610 Research Techniques, Paper Critique, Presentation Skills (Primary Instructor 40%), Medical Laboratory Science & Investigative and Medical Science Students, Doisy College of Health Sciences, Saint Louis University.
- 2015-2017 BLS-4630 Senior Seminar (Secondary Instructor)(20%), Medical Laboratory Science & Investigative and Medical Science Students, Doisy College of Health Sciences, Saint Louis University.
- 2014-2017 MLS-4760 Clinical Hemostasis Practicum (Course Master & Primary Instructor)(100%), Medical Laboratory Science Students, Doisy College of Health Sciences, Saint Louis University.
- 2014-2017 MLS-4740 Clinical Hematology Practicum (Course Master & Primary Instructor)(100%), Medical Laboratory Science Students, Doisy College of Health Sciences, Saint Louis University.
- 2014-2017 BLS-4620 Senior Synthesis (Course Master & Guest Lecturer)(10%) Investigative and Medical Science Students, Doisy College of Health Sciences, Saint Louis University.
- 2008-2014: PAED-512 Introduction to Clinical Laboratory Medicine (Guest Lecturer)(50%), Physician Assistant Students, Doisy College of Health Sciences, Saint Louis University.
- 2001-2016 PAED-430 Surgical Skills (Guest Lecturer)(10%), Physician Assistant Students, Doisy College of Health Sciences, Saint Louis University.
- 1995-2014 CLSH-426 Research (Course Master & Primary Instructor) (50%), Clinical Laboratory Science Students, Doisy College of Health Sciences, Saint Louis University.
- 1994-2014 CLSH-306 Hemostasis & Thrombosis (Course Master & Primary Instructor) (100%), Clinical Laboratory Science Students, Doisy College of Health Sciences, Saint Louis University.
- 1994-2014 CLSH-450 Special Topics in Body Fluids (Course Master & Primary

	Instructor)(100%), Clinical Laboratory Science Students, Doisy College of Health Sciences, Saint Louis University.
2004-2013	CLSH-440 Research Techniques, Paper Critique, Presentation Skills (Course Master & Primary Instructor)(65%), Clinical Laboratory Science Students, Doisy College of Health Sciences, Saint Louis University.
2001-2013	CLSH-471 Clinical Hematology/Chemistry/Urinalysis (Course Master & Primary Instructor (40%), Clinical Laboratory Science Students, Doisy College of Health Sciences, Saint Louis University.
2001-2013	CLSH-472 Special Hemostasis and Chemistry (Course Master & Primary Instructor)(50%), Clinical Laboratory Science Students, Doisy College of Health Sciences, Saint Louis University.
1997-2013	CLSH-470 Clinical Phlebotomy (Course Master & Primary Instructor) (100%), Clinical Laboratory Science Students, Doisy College of Health Sciences, Saint Louis University.
1987-2013	CLSH-301 Hematology & Body Fluids (Course Master & Primary Instructor)(100%), Clinical Laboratory Science Students, Doisy College of Health Sciences, Saint Louis University.
1987-2013	CLSH-302 Hematology Lab (Course Master & Primary Instructor)(100% - 1987-2000)(50% 2001-2013), Clinical Laboratory Science Students, Doisy College of Health Sciences, Saint Louis University.
1994-2013	CLSH-100 Intro to CLS (Secondary Instructor)(20%), Clinical Laboratory Science Students, Doisy College of Health Sciences, Saint Louis University.
2004-2012	CLSH-441 Senior Synthesis (Guest Lecturer)(10%), Clinical Laboratory Science Students, Doisy College of Health Sciences, Saint Louis University.
1997-2012	MPTH-541 Lab Studies for PT (Secondary Instructor)(66%), Physical Therapy Students, Doisy College of Health Sciences, St. Louis University.
2005-2012	CAD-509 Research in Graduate Dentistry (Course Master & Primary Instructor)(100%), Graduate Students in the Center for Advanced Dental Education, Saint Louis University.
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1994-2004	CLSH-100 Intro to Clinical Laboratory Science, (Course Master & Primary Instructor)(80%), Clinical Laboratory Science Students, School of Allied



Health Professions, Saint Louis University.

1994-2004 CLSH-350 Medical Immunology (Course Master & Primary Instructor) (100%), Clinical Laboratory Science Students, School of Allied Health Professions, Saint Louis University.

1987-1994 CLSH 305 Urinalysis and Body Fluids (Course Master & Primary Instructor)(100%), Clinical Laboratory Science Students, School of Allied Health Professions, Saint Louis University.

1994-1997 Phlebotomy in Hematology and Immunology (Course Master & Primary Instructor (80%). Phlebotomy certificate students, IHM Health Studies Center, St. Louis, Missouri.

### **Non-Professional Presentations (Invited)**

2020 Foreign Missions: Good; Better; Best. TEDxSaintLouisUniversity: *Stepping Forward* conference. April 25. Saint Louis University. (CANCELLED)

2020 Faith in Medicine Panelist. Co-hosted by ASBMB, Interfaith Alliance, Doctors Without Borders, American Women's Medical Associate, and Minority Association of Pre-Health Students. March 16. Saint Louis University (CANCELLED)

2019 Faith in Medicine Panelist. Co-hosted by ASBMB, Interfaith Alliance, Doctors Without Borders, American Women's Medical Associate, and Minority Association of Pre-Health Students. November 14. Saint Louis University.

2018 A Sustainable Model to Reduce the Mortality of Sickle Cell Disease in Underdeveloped Countries. ATLAS Week Presentation, April 9, Saint Louis University.

2017 St. Louis Friends for Haiti: Visions for Change. Panel Discussion. ATLAS Week, April 5, Sinquefeld Stateroom, DuBourg Hall.

2016 A Model of Medical Missions: The Haiti Experience, Mid-Rivers Ethical Society, St. Peters, MO

2016 Randolph World Ministries, ASBMB Meeting, Saint Louis University.

58 Tim R. Randolph revised 03/30/2022

- 2016 Randolph World Ministries, M1 Medical Students, Saint Louis University.
- 2016 Merging Research and Medical Mission Ministry, AED Meeting, Saint Louis University.
- 2015 What Motivates Your Research. Ed Talks, Learning Communities, Saint Louis University.
- 2015 St. Louis Area Undergraduate Research Symposium: Opening Remarks. St. Louis, MO.
- 2015 Healthcare in Haiti: Technical and Spiritual Barriers. Office of Spiritual Development. Belmont University, Nashville, TN.
- 2014 Providing Medical, Economic, Educational, & Spiritual Support in the Spirit of the Gospels. Randolph World Ministries, Inc. Fundraiser, St. Louis, MO.
- 2014 Providing Medical, Economic, Educational, & Spiritual Support in the Spirit of the Gospels. Kiwanis Club, St. Louis, MO.
- 2013 Providing Medical, Economic, Educational, & Spiritual Support in the Spirit of the Gospels. Rotary Club, St. Louis, MO.
- 2013 Sustainable Health Care Development in Haiti. ATLAS WEEK. Saint Louis University, St. Louis, MO.
- 2012 Improving Health Care in Underdeveloped Countries. IPE-420. Saint Louis University, St. Louis, MO.
- 2012 God's One - Two Punch. New Creation Presbyterian Church, Troy, IL
- 2012 Improving Health Care in Underdeveloped Countries. ATLAS WEEK. Saint Louis University, St. Louis, MO.
- 2011 Randolph World Ministries, Inc. Missions Conference. First Baptist Church, Collinsville, IL.
- 2011 Providing Medical, Economic, Educational, & Spiritual Support in the Spirit of the Gospels. Randolph World Ministries, Inc. Fundraiser, First Baptist Church, Collinsville, IL.
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- 1994-1998 Unveiling the Mysteries of the Lab. Department of Nutrition and Dietetics,

59 Tim R. Randolph revised 03/30/2022

School of Allied Health Professions, Saint Louis University, St. Louis, Missouri.

1993 Presentation: "Understanding Cancer." United Methodist Men, December Meeting, First United Methodist Church, Collinsville, Illinois.

1992 Presentation: "AIDS: The Disease." United Methodist Men, First United Methodist Church, Collinsville, Illinois.

1991-1995 Clinical Laboratory Testing: An Overview. Program in Physical Therapy, School of Medicine, Washington University Medical Center, St. Louis, Missouri.

1989 Presentation: "AIDS and Its Effect on the Blood Supply." St. Louis Science Center, St. Louis, Missouri.

#### **CONTINUING EDUCATION**

2022 ASCLS-NE, CLMA Great Plains Chapter, Philippine Association for Medical Technology, ASCP Spring Meeting. Embassy Suites La Vista Hotel and Conference Center, LaVista, NE.

2021 ASCLS National Meeting, Louisville, KY.

2019 ASCLS National Meeting. Charlotte, North Carolina.

2019 ASCLS-MO Annual State Meeting. Lodge of the Four Seasons, Lake of the Ozarks, MO.

2018 Grantsmanship Workshop, SLU Research, Office of the Vice President for Research, St. Louis University.

2018 Communication Workshop. SLU Research, Office of the Vice President for Research, St. Louis University.

2018 SLUStart Workshop. Research Innovation Group. SLU Research, Office of the Vice President for Research, St. Louis University.

2018 ASCLS National Meeting, McCormick Place Convention Center, Chicago, IL.

2018 Patchwork of Knowledge Laboratory Conference sponsored by Heart of America CLMA, ASCLS-MO and KSCLS. Overland park Marriott,

60 Tim R. Randolph revised 03/30/2022

Overland Park, KS.

- 2016 ASCLS-MO Annual State Meeting, Millennium Hotel, St. Louis, MO
- 2016 ASCLS National Meeting, Philadelphia Convention Center, Philadelphia, PA
- 2015 ASCLS-MO Annual State Meeting, Doubletree Hotel by Hilton, Columbia, MO.
- 2015 ASCLS National Meeting, McCormick Place Conference Center, Chicago, IL
- 2014 ASCLS/AACC National Meeting, McCormick Place Conference Center, Chicago, IL.
- 2014 Patchwork of Knowledge Laboratory Conference, MoCLS, KSCLS and KC CLMA, Overland Park Marriott, Overland Park, KS.
- 2014 American Association of Bioanalysts (AAB) – Associate Member Section Spring Workshops, Inn at Grand Glaize, Osage Beach, MO
- 2014 American Society for Clinical Laboratory Science - Michigan (ASCLS-MI) Annual Meeting, Kalamazoo, MI.
- 2014 American Society of Hematology (ASH) Annual Meeting and Exposition (56<sup>th</sup>), Moscone Convention Center, San Francisco, CA.
- 2013 ASCLS/ASCP/CLMA/AMT Legislative Symposium, Washington, DC
- 2013 American Society of Hematology (ASH) Annual Meeting and Exposition (55<sup>th</sup>), Convention Center, Ernest N. Morial New Orleans, LA
- 2013 ASCLS/AACC Annual National Meeting and Exposition, George R. Brown Convention Center Houston, TX
- 2013 Great Plains Regional Lab Expo, Embassy Hotel and Convention Center, La Vista, NE
- 2012 Clinical Laboratory Educator’s Conference (CLEC), Little America Hotel, Salt Lake City, UT.

61 Tim R. Randolph revised 03/30/2022

- 2012 MoCLS Spring Meeting. Millenium Hotel and Conference Center, St. Louis, MO.
- 2012 ASCLS-IL Spring Meeting. Four Points Sheraton Hotel and Conference Center, Peoria, IL
- 2012 ASCLS-NE/CLMA/ASCP Spring Meeting, Embassy Hotel and Convention Center, La Vista, NE.
- 2012 Wheatlands CLMA/KSCLS Spring Meeting, Wichita Marriott Hotel, Wichita, KS.
- 2012 ASCLS/AACC Annual National Meeting and Exposition, Los Angeles Convention Center, Los Angeles, CA.
- 2012 ASCLS/ASCP/CLMA/AMT Legislative Symposium, Washington, DC
- 2012 American Society of Hematology (ASH) Annual Meeting and Exposition (54<sup>th</sup>), Georgia World Convention Center, Atlanta, GA.
- 2011 MSCLS Spring Meeting. Radisson Plaza Hotel & Suites in Kalamazoo, MI.
- 2011 KSCLS/CLMA Spring Meeting. Wichita Marriott Hotel, Wichita, KS.
- 2011 ASCLS-NE/ASCLS-IA/CLMA/ASCP Spring Bi-State Meeting. La Vista Conference Center, Omaha, NE.
- 2011 MoCLS Spring Meeting. University Plaza Hotel and Convention Center, Springfield, MO.
- 2011 ASCLS/AACC Annual National Meeting and Exposition, Georgia World Convention Center, Atlanta, GA.
- 2011 ASCLS/ASCP/CLMA/AMT Legislative Symposium, Washington, DC
- 2010 American Society of Hematology (ASH) Annual Meeting and Exposition (50<sup>th</sup>), Orange County Convention Center, Orlando, FL.
- 2010 ASCLS Region III Triennial Meeting, Coastal Georgia Center, Savannah, Georgia.
- 2010 Carolina Clinical Connection, Crown Royal Plaza, Asheville, NC.

- 2010 ASCLS/AACC Annual National Meeting and Exposition, Anaheim, CA.
- 2010 Clinical Laboratory Educators Conference (CLEC) National Meeting, Beau Rivage Hotel, Biloxi, Mississippi.
- 2010 NSCLS/ASCP/CLMA Spring Meeting. La Vista Conference Center, Omaha, NE.
- 2010 ASCLS-IL State Meeting. Doubletree Hotel and Conference Center, Oak Brook, IL.
- 2010 MoCLS/KSCLS State Meeting. Kansas City Downtown Marriott, Kansas City, MO.
- 2010 ASCLS/ASCP/CLMA/AMT Legislative Symposium, Washington, DC
- 2010 Midwest CLIA Consortium. Airport Marriott, Kansas City, MO.
- 2009 American Society of Hematology (ASH) Annual Meeting and Exposition (50<sup>th</sup>), New Orleans, LA.
- 2009 ASCLS-ND State Meeting. Holiday Inn, Grand Forks, ND.
- 2009 ASCLS-MI State Meeting, Somerset Inn & Conference Center, Troy, MI.
- 2009 ASCLS-IL State Meeting, President Abraham Lincoln Hotel & Conference Center, Springfield, IL.
- 2009 ASCLS/AACC National Meeting, McCormick Place Conference Center, Chicago, IL.
- 2009 Great Planes Regional Laboratory Expo (Missouri, Kansas, Nebraska, Iowa). Mid-America center, Council Bluffs, IA.
- 2009 Carolina Clinical Connection, Embassy Suites – Kingston Plantation, Myrtle Beach, South Carolina.
- 2009 ASCLS/ASCP/CLMA/AMT Legislative Symposium, Washington, DC
- 2008 American Society of Hematology (ASH) Annual Meeting and Exposition (50<sup>th</sup>), Moscone Convention Center, San Francisco, California.

63 Tim R. Randolph revised 03/30/2022

- 2008 Northeast Laboratory Conference, Holiday Inn by the Bay, Portland, Maine.
- 2008 Carolina Clinical Connections 2008 Bi-State Meeting (CCC08), (presentation sponsored by InfoLab). Hilton Riverside Wilmington Hotel, Wilmington, NC.
- 2008 ASCLS-IL State Meeting, Hickory Ridge Marriott Conference Hotel, Chicago, IL
- 2008 KSCLS/CLMA State Meeting, Hays Holiday Inn Express, Hays, Kansas
- 2008 American Society for Clinical Laboratory Science (ASCLS), Clinical Laboratory Managers Association (CLMA), American Society for Clinical Pathologists (ASCP) Legislative Symposium, The Westin Grand Hotel, Washington, DC.
- 2008 American Society for Clinical Laboratory Science (ASCLS) National Meeting, Capitol Hilton, Washington, DC
- 2008 MoCLS/CLMA State Meeting, Viking Hotel and Conference Center, St. Louis, Missouri.
- 2007 American Society of Hematology (ASH) Annual Meeting and Exposition (49<sup>th</sup>), Georgia World Conference Center, Atlanta, Georgia.
- 2007 American Society for Clinical Laboratory Science (ASCLS) National Meeting, San Diego Westin Hotel, San Diego, California.
- 2007 KSCLS/CLMA State Meeting, Airport Hilton Hotel, Wichita, Kansas.
- 2007 MoCLS/Ozark CLMA State Meeting, Lodge of Four Seasons, Lake Ozark, Missouri.
- 2007 Association of Schools of Allied Health Professions (ASAHP), Enhancing Faculty Research Career Development Workshop, Tradewinds Island Resort, St. Petersburg, Florida.
- 2007 American Society for Clinical Laboratory Science (ASCLS), Clinical Laboratory Managers Association (CLMA), American Society for Clinical Pathologists (ASCP) Legislative Symposium, The Westin Grand Hotel, Washington, DC.
- 2007 Region V Tri-State Meeting, Ramada Inn, Fargo, North Dakota.

- 2007 Carolina Clinical Connection 2007. Springmaid Resort and Conference Center, Myrtle Beach, South Carolina.
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- 2006 American Society for Hematology (ASH) National Meeting and Exposition, Orange County Convention Center, Orlando, Florida.
- 2006 American Society for Clinical Laboratory Science (ASCLS) National Meeting, Renaissance Chicago Hotel, Chicago, IL.
- 2006 MoCLS/KSCLS/KC CLMA State Meeting, Marriott, Overland Park, Kansas.
- 2006 Carolina Clinical Connection 2006 sponsored by North and South Carolina Societies for Clinical Laboratory Science, Crowne Plaza Hotel, Asheville, North Carolina.
- 2006 American Society for Clinical Laboratory Science (ASCLS), Clinical Laboratory Managers Association (CLMA) Legislative Symposium, The Westin Grand Hotel, Washington, DC.
- 2005 American Society for Hematology (ASH) National Meeting and Exposition, Georgia World Congress Center, Atlanta, Georgia.
- 2005 American Society for Clinical Laboratory Science (ASCLS) National Meeting, Hilton in Walt Disney World Resort, Orlando, Florida.
- 2005 Missouri Society for Clinical Laboratory Science MoCLS/Ozark CLMA State Meeting, Clarion Hotel, Springfield, Missouri.
- 2005 Carolina Clinical Connection 2005 sponsored by North and South Carolina Societies for Clinical Laboratory Science, Springmaid Resort and Conference Center, Myrtle Beach, South Carolina.
- 2004 American Society for Hematology (ASH) National Meeting and Exposition, San Diego Convention Center, San Diego, California.
- 2004 Molecular Technologies for the Clinical Laboratory, Sponsored by The BioPharmaceutical Technology Center Institute (BTCI), University of Wisconsin-Madison, Promega Corporation. Madison, Wisconsin.
- 2004 American Society for Clinical Laboratory Science (ASCLS) National



65 Tim R. Randolph revised 03/30/2022

- Meeting, Hyatt Regency Hotel, Los Angeles, California.
- 2004 Missouri Society for Clinical Laboratory Science MoCLS State Meeting, Doubletree Hotel, Chesterfield, Missouri.
- 2003 American Society for Hematology (ASH) National Meeting and Exposition, San Diego Convention Center, San Diego, California.
- 2003 American Society for Clinical Laboratory Science (ASCLS) National Meeting, Wyndham Franklin Plaza Hotel and Pennsylvania Convention Center, Philadelphia, Pennsylvania.
- 2003 Missouri Society for Clinical Laboratory Science (MoCLS)/Clinical Laboratory Managers Association (CLMA) State Meeting, Capitol Plaza Hotel, Jefferson City, Missouri.
- 2002 American Society for Hematology (ASH) National Meeting and Exposition, Pennsylvania Convention Center, Philadelphia, Pennsylvania.
- 2002 American Society for Clinical Laboratory Science (ASCLS) National Meeting, (IAMLT World Congress 2002), Sheraton World Resort and Orange County Convention Center, Orlando, Florida.
- 2002 Missouri Society for Clinical Laboratory Science (MoCLS), Kansas Society for Clinical Laboratory Science (KSCLS), KC-CLMA State Meeting, Overland Park Marriott, Overland Park, Kansas.
- 2001 American Society for Hematology (ASH) National Meeting and Exposition, Orange County Convention Center, Orlando, Florida.
- 2001 American Society for Clinical Laboratory Science (ASCLS) National Meeting, Chicago Downtown Marriott, Chicago, Illinois.
- 2001 Missouri Society for Clinical Laboratory Science (MoCLS) State Meeting, Hannibal Inn, Hannibal, Missouri.
- 2001 Clinical Laboratory Educators Conference (CLEC) National Meeting, Hyatt Regency St. Louis at Union Station, St. Louis, Missouri.
- 2000 American Society for Hematology (ASH) National Meeting and Exposition, Moscone Convention Center, San Francisco, California.

66 Tim R. Randolph revised 03/30/2022

- 2000 AACC/ASCLS National Meeting, Grand Hyatt, San Francisco, California.
- 2000 AACC/ICLSA/MoCLS State Meeting, St. Louis Airport Marriott, St. Louis, Missouri.
- 2000 15<sup>th</sup> Annual Advances in Hemostasis and Thrombosis Symposium, Sponsored by Saint Louis University Coagulation Consultants, Saint Louis University Hospital and Department of Pathology, Saint Louis University School of Medicine, St. Louis, Missouri.
- 1999 American Society for Hematology (ASH) National Meeting and Exposition, McCormick Center, New Orleans, Louisiana.
- 1999 ASCLS/AACC National Meeting, Royal Sonesta Hotel, New Orleans, Louisiana.
- 1999 Flow Cytometric Evaluation of Acute Leukemias, Sponsored by American Society of Clinical Pathologists (ASCP) and Saint Louis University, St. Louis, Missouri.
- 1999 KSCLS/MoCLS/CLMA State Meeting, Holiday Inn University Plaza, Springfield, Missouri.
- 1998 Advanced Training Institute, Laboratory Information Systems, ASCLS/AACC/CSCC National Meeting, Downtown Marriott Hotel, Chicago, Illinois.
- 1998 ASCLS/AACC/CSCC National Meeting, Downtown Marriott Hotel, Chicago, Illinois.
- 1998 MoCLS/KSCLS/KCCLMA Annual State Meeting, Overland Park Marriott, Overland Park, Kansas.
- 1997 ASCLS/AACC/CSCC National Meeting, Atlanta Hilton Towers, Atlanta, Georgia.
- 1997 Common Bleeding Disorders: Diagnosis and Management. Sponsored by Saint Louis University, School of Medicine, Department of Pathology, St. Louis, MO
- 1997 MoCLS/CLMA State Spring Meeting, Holiday Inn Select, Columbia, Missouri.

67 Tim R. Randolph revised 03/30/2022

- 1997 College of Associated Health Professions Research Forum, University of Illinois at Chicago, Chicago, Illinois.
- 1996 ASCLS/AACC/CSCC National Meeting, Downtown Marriott Hotel, Chicago, Illinois.
- 1996 Successful Use of Teaching Portfolios. Sponsored by the School of Allied Health Professions, Saint Louis University, St. Louis, Missouri.
- 1996 Research Proposal (NIH Grantsmanship) Workshop. Sponsored by the School of Medicine, Saint Louis University, St. Louis, Missouri.
- 1996 A Common Sense Approach to Grant Getting. Sponsored by the School of Allied Health Professions, Saint Louis University, St. Louis, Missouri.
- 1996 DNA Technology in the Clinical Laboratory, Beaumont Pathology Conferences, William Beaumont Hospital, Royal Oaks, Michigan.
- 1996 First Missouri Congress of Health Professions Educators. Ramada Inn, Jefferson City, Missouri.
- 1996 CLMA/MoCLS State Meeting, St. Louis Airport Marriott, St. Louis, Missouri.
- 1996 Biomedical Statistics Workshop. Sponsored by the School of Allied Health Professions, Saint Louis University, St. Louis, Missouri.
- 1995 MoCLS State Meeting, Holiday Inn, Hannibal, Missouri.
- 1989-1995 Research Colloquium, Department of Pathology, School of Medicine, Saint Louis University, St. Louis, Missouri.
- 1989-1995 Journal Club, Department of Pathology, School of Medicine, Saint Louis University, St. Louis, Missouri.
- 1994 ASCLS National Meeting, Opryland Hotel, Nashville, Tennessee.
- 1994 International Normalized Ratios (INR): Perils, Pitfalls and Progress, Teleconference sponsored by ASCP, Roche Biomedical, Saint Louis University, St. Louis, Missouri.
- 1994 Allied Health Research Forum, University of Illinois at Chicago, Chicago,

Illinois.

- 1994 MSMT/KSMT/CLMA Spring Meeting, Marriott Hotel, Overland Park, Kansas.
- 1994 Ethical Issues for the Clinical Laboratorian, Teleconference, sponsored by ASCP, Department of Medical Technology, Saint Louis University, St. Louis, Missouri.
- 1994 Allied Health Clinical Instructors' Symposium (1.8 CEU), November 17-19, Drury Inn at Union Station, Department of Medical Technology, Saint Louis University, St. Louis, Missouri.
- 1993 Allied Health Clinical Instructors' Symposium (1.8 CEU), May 19-21, Harley Hotel, Department of Medical Technology, Saint Louis University, St. Louis, Missouri.
- 1993 Hematology/Hemostasis Symposium Co-sponsored by Saint Louis University Hospital and Baxter Healthcare Corporation, Saint Louis University Medical Center, St. Louis, Missouri.
- 1993 Allied Health Research Symposium, School of Allied Health Professions, Louisiana State University Medical Center, New Orleans, Louisiana.
- 1993 Allied Health Research Forum, College of Associated Health Professions, University of Illinois at Chicago, Chicago, Illinois.
- 1992 Developing Continuing Education Offerings Workshop, sponsored by NAACLS, Embassy Suites Hotel, Rosemont, Illinois.
- 1991 1991 ASMT Region VI Annual Meeting, Oktoberfest of Knowledge (.5 CEU), Kansas City, Kansas.
- 1991 Technical Assistance in HCOP Grant Writing sponsored by HRSA, Bureau of Health Professions (DDA), St. Louis, Missouri.
- 1991 Allied Health Grant Writing Workshop sponsored by the Agency for Health Care Policy and Research, Rockville, Maryland.
- 1991 Medical Technology Continuing Education Series, Department of Medical Technology, Saint Louis University Medical Center, St. Louis, Missouri.

69 Tim R. Randolph revised 03/30/2022

- 1991 First Aid/CPR Training Program, sponsored by the American Red Cross, Saint Louis University, St. Louis, Missouri.
- 1991 Synovial Fluid Analysis, sponsored by ASCP (0.4 CEU), Saint Louis University, St. Louis, Missouri.
- 1989 The Second Annual Cancer Symposium, sponsored by St. Louis University School of Medicine and American Cancer Society Missouri Division, Inc., St. Louis, Missouri.
- 1989 MSMT/AACC Spring Meeting, April 5-7, St. Louis, Missouri.
- 1988-89 Medical Technology Continuing Education Series Department of Medical Technology, Saint Louis University Medical Center, St. Louis, Missouri.
- 1988 Hemostasis/Thrombosis Conference, sponsored by Continuing Medical Education, Saint Louis University Medical Center, St. Louis, Missouri.
- 1988 21st Annual HAABB Meeting, AIDS Today and Beyond, St. Louis, Missouri.
- 1988 Keeping the AIDS Virus Out of Your Blood Supply, (1.0 CMLE), sponsored by ASCP, Saint Louis University, St. Louis, Missouri.
- 1988 Improving Patient Care Through Health Information Management (2 CEU), Saint Louis University, St. Louis, Missouri.
- 1988 Teaching Improvement Project Systems: Strengthening Instructional Skills in Health Professions, (1.9 CEU), Saint Louis University, St. Louis, Missouri.
- 1983 Regional Student Bowl Contest, Kansas City, Missouri.
- 1983 Illinois Medical Technology Association (IMTA), Spring Meeting, Peoria, Illinois.

#### MEDIA INTERVIEWS

- 05/15/2013 St. Louis Business Journal. SLU Grant to Foster More Undergrad Research. Web news Article.
- 01/13/2010 St. Louis Business Journal. Randolph to fundraise for his ministry's clinics in Haiti. Web news Article.

- 01/14/2010 KSDK Channel 5. Randolph World Ministries, Inc. and the Earthquake in Haiti. Taped broadcast.
- 01/14/2010 Suburban Journals. Collinsville nonprofit feels aftershock from Haiti quake. Newspaper article.
- 01/14/2010 Belleville News Democrat. Prayers and assistance: Local residents respond after devastating quake hits Haiti. Newspaper article.
- 01/14/2010 St. Louis Post Dispatch – stltoday.com. St. Louisans struggle to hear news of loved ones in Haiti. Newspaper article.
- 01/15/2010 KTVI Fox 2. Collinsville man operates 23 clinics in Haiti. Randolph World Ministries, Inc. and the Earthquake in Haiti. Live broadcast.
- 01/15/2010 Saint Louis University News. Reaching Out to Haiti. Newsbrief.
- 10/09/2008 Charter Communication. Irradicated and Emerging Diseases. Discussed a few infectious diseases that have been eradicated, a few that are near eradication, and a few new immerging diseases.
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- 05/07/1997 KPLR-TV Channel 11. Discussed a study that reported men's restrooms are cleaner than women's.
- 06/09/1997 KSDK-TV Channel 5. Discussed the potential health threat and epidemiology of a reported case of E coli infection of alfalfa sprouts from a salad bar.

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