

KAREN A. MOSER

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PRESENT POSITION AND ACADEMIC RANK

Assistant Professor, Pathology Saint Louis University School of Medicine, St. Louis, MO	05/2014
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PREVIOUS PROFESSIONAL POSITIONS

Staff Pathologist Esoterix Coagulation, Englewood, CO	07/2012-04/2014
Co-Discipline Director, Special Coagulation Laboratory Corporation of America, Burlington, NC	01/2013-04/2014

EDUCATION

Hematopathology Fellowship, University of Utah Health Sciences Center and ARUP Laboratories, Salt Lake City, UT	07/2011-06/2012
Co-Chief Resident, Department of Pathology University of Utah Medical Center, Salt Lake City, UT	07/2010-06/2011
AP/CP Residency University of Utah Health Sciences Center, Salt Lake City, UT	07/2007-06/2011
M.D., Saint Louis University, Saint Louis, MO	08/2003-05/2007
Honors B.S.- Biology, Honors B.A.- French (<i>summa cum laude</i>) Saint Louis University, Saint Louis, MO	08/1999-05/2003

CERTIFICATION AND LICENSURE

Diplomate, American Board of Pathology AP/CP, 7/29/2011, expires 12/31/2021 Hematology, 9/26/2012, expires 12/31/2022	
Missouri State Medical License, Active	03/2014
Minnesota State Telepathology License, Active	07/2012
Colorado State Medical License, Active	06/2012
Utah State Medical License, Active	10/2008

PROFESSIONAL MEMBERSHIP

International Society on Thrombosis and Haemostasis	2013
International Society for Laboratory Hematology	2013
College of American Pathologists (CAP)	2007
American Society for Clinical Pathology	2007

HONORS AND AWARDS

Alpha Omega Alpha	2007
Family Medicine Interest Group Program of Excellence Award	2005
Phi Beta Kappa	2003
First Place, Saint Louis University Department of Biology Undergraduate Research Competition (Advisor- Jon Fisher, Ph.D.)	2003
Alpha Sigma Nu, Jesuit Honor Society	2002

COMMITTEE ASSIGNMENTS AND PROFESSIONAL SERVICES

College of American Pathologists (CAP)

Member, CAP Coagulation Resource Committee 2014-
 Attended meetings (3 yearly) to discuss and review coagulation proficiency testing and emerging topics of interest in hemostasis and thrombosis testing.

Member, CAP Engaged Leadership Network 2013-
 Worked at a local and regional level to promote the specialty of pathology and create meaningful interactions with members of my community and physicians in other specialties

Member, CAP Standards Committee 2013-
 Reviewed documents from pathology and other medical specialty organizations pertaining to development of laboratory standardization. Attended 2 yearly meetings.

CAP Laboratory Accreditation Program Inspector 2008-

CAP Residents' Forum Delegate 2010-

11 Attended twice yearly meetings to discuss and vote on current issues identified by CAP junior members.

Junior Member, CAP Coagulation Resource Committee 2010-12
 Attended meetings (3 yearly) to review coagulation proficiency testing and emerging topics of interest in hemostasis and thrombosis testing. Authored educational activities for proficiency testing subscribers.

Ad Hoc Reviewer, *Clinical and Applied Thrombosis/Hemostasis* 2014-
 Completed peer review of submitted articles.

Ad Hoc Reviewer, *International Journal of Laboratory Hematology* 2013-
 Completed peer review of submitted articles.

Member, Colorado Association for Continuing Medical Laboratory Education (CACMLE) Board of Directors 2013-2014

Attended bimonthly meetings to promote and develop new and continuing educational materials and educational meetings.

University of Utah

Hematopathology Treatment Planning Conference Pathology Representative 2011-

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Presented (one to two times per month) pathologic findings and discussed testing required for further diagnosis of peripheral blood, bone marrow, and lymph node pathology cases with clinical colleagues.

11 **Assistant Medical Director, Flow Cytometry, ARUP Laboratories, Inc.** 2010-

Examined current flow cytometry cases under the supervision of an attending physician one weekend per month.

11 **Gynecologic Oncology Treatment Planning Conference Pathology Representative** 2010-

Presented pathologic findings and discussed testing required for further diagnosis of gynecologic surgical pathology cases with clinical colleagues in monthly tumor board.

11 **Transfusion Committee Member, University of Utah Health Sciences Center** 2009-

Attended quarterly meetings to review blood product usage and discuss transfusion concerns with clinical colleagues.

11 **Assistant Medical Director, Transfusion, ARUP Laboratories, Inc.** 2009-

Reviewed standard operating procedures and solved clinical problems under the supervision of the attending medical director.

Infection Control Committee member, University of Utah Health Sciences Center 2007-09
Attended quarterly meetings to discuss infection control concerns.

Saint Louis University

Lead Coordinator, Health Resource Center, Saint Louis University 2004-05
Organized clinical and business operations for a medical student-run weekly free clinic.

President, Family Medicine Interest Group, Saint Louis University 2004-05
Planned monthly meetings to explore the field of family medicine through lectures, procedure workshops, and visits to local residency programs.

INVITED PRESENTATIONS- NATIONAL AND INTERNATIONAL

Oral Presentations/Lectures

Moser K. Consultative Coagulation- How to Effectively Answer Common Questions About Hemostasis Testing. Session #5000. Chicago, IL, September 21, 2013.

Moser K. Pitfalls in Coagulation Testing. International Society for Laboratory Hematology Annual Meeting. Toronto, ON, Canada, May 12, 2013.

Adcock-Funk DM, **Moser K** (co-presenters). Practical Hemostasis: Laboratory Aspects of Bleeding and Thrombosis. ASCP Workshop for Laboratory Professionals, San Francisco, CA, April 18, 2013.

Moser K, Bowen G, Florell S, Miles R. **Cutaneous CD30+ B-cell benign cutaneous lymphoid hyperplasia (pseudolymphoma) following *Hymenoptera* stings.** Platform presentation at Society for Hematopathology and European Association for Haematopathology Workshop 2011, Los Angeles, CA, October 29, 2011.

Poster Presentations

Wang ST, Brooks ER, Bock ME, Vermeer C, **Moser KA**, Sharathkumar A, Langman CB. Subclinical vitamin K deficiency is present in pediatric maintenance hemodialysis patients. Pediatric Academic Societies and Asian Society for Pediatric Research. Vancouver, BC, Canada, May, 2014.

Moser K, Bovio I, Hill S, Tripp SR, Perkins SL, Bahler DW. **Improved identification of megakaryoblasts by flow cytometry relative to immunohistochemistry.** Poster presented at USCAP Annual Meeting 2012, Vancouver, BC, Canada, March 21, 2012.

Moser K, Salama ME, Kohan JL, Tripp SR, Bahler DW, Perkins SL. **Flow cytometry versus immunoperoxidase staining for determination of plasma cell clonality with small plasma cell numbers.** Poster presented at USCAP Annual Meeting 2012, Vancouver, BC, Canada, March 19, 2012.

Moser K, Mohl R, Bahler DW. **Utility of Screening Bone Marrow Specimens for Monotypic Plasma Cells by Flow Cytometry.** Poster presented at Academy of Clinical Laboratory Physicians and Scientists 46th Annual Meeting, St. Louis, MO, June 10, 2011.

INVITED PRESENTATIONS- LOCAL/REGIONAL

Moser K. Pitfalls in Coagulation Testing. Clinical Laboratory Collaborative Conference. Northglenn, CO, April 10, 2014.

"Introduction to Mixing Studies," University of Colorado Hemostasis and Thrombosis Conference, Aurora, CO, February 14, 2013.

EDUCATIONAL ACTIVITIES

"Malignant Gynecologic Pathology," MS2 Metabolism and Reproduction Course Lecture (co-taught with Mark Dodson, M.D.), University of Utah School of Medicine, December 8, 2010.

"Benign Gynecologic Pathology," MS2 Metabolism and Reproduction Course Lecture (co-taught with Angela Chaudhari, M.D.), University of Utah School of Medicine, December 8, 2010.

Instructor, Pathology Resident PGY-1 Histopathology Review July 29, 2010
Reviewed normal histology and common pathologic lesions of female genital tract and breast with PGY-1 residents as part of their departmental orientation.

Panelist, Medical Student Career Day February 2, 2009
Answered student questions about careers in pathology and applying for pathology residency.

Instructor, Medical Student Pathology Laboratory 2007-2011
Integrated anatomy, histology, and organ system pathology in varied areas, including gastrointestinal, reproductive, pulmonary, perinatal, and forensic pathology, approximately three lab sessions per year. Faculty supervisor: Fred Clayton, M.D.

Lab Assistant, Gross Anatomy

September 2007

Explained heart, lung, and abdominal organ pathology findings in cadavers to first year medical students in two sessions.

Faculty supervisor: Fred Clayton, M.D.

EDITORIAL WORK

Assistant Editor, Digital Publication, ARUP Laboratories, Inc.

2009-11

Reviewed disease topics for ARUP's online test selection guide (ARUP Consult) for content, adding newly published references and material where available.

Medical Editor, Amirsys, Inc.

2009-10

Edited review books (*Diagnostic Pathology: Gastrointestinal* and *Diagnostic Pathology: Genitourinary*) for content, grammar, and format.

BIBLIOGRAPHY

Peer-Reviewed Publications

Moser K, Adcock-Funk DM. Chromogenic factor VIII activity assay. *Am J Hematol*. 2014 Mar 27. doi: 10.1002/ajh.23723. [Epub ahead of print]

Moser K, Adcock-Funk DM. Pitfalls in special coagulation testing: three illustrative case studies. *Int J Lab Hematol*. 2013; 35(3):334-8.

Moser K. Diagnosis of heparin induced thrombocytopenia. *NewsPath* (College of American Pathologists newsletter), May 2012.

Neri C, **Moser K**, Pysher TJ, Boettger DR, Neri G, Opitz JM. The FG syndrome from a pathological perspective. *Fetal Pediatr Pathol*. 2011; 30(2):71-6.

Comstock J, Bruggers C, **Moser K**, Hedlund G, Chin S, Riva-Cambrin J, Zhou H. Leptomeningeal melanoma with foci of rhabdomyosarcoma in an infant with giant congenital nevi: a case report and literature review. *Pathology Case Reviews*. 2009; 14(3):100-103.

Non-Peer Reviewed Publications

Moser K, Eby CS. Heparin induced thrombocytopenia. *College of American Pathologists CGL-C Proficiency Testing Educational Activity*. 2010.

Moser K. Mixing studies: clinical utility and common points of confusion. *College of American Pathologists 2011 CGL-C Proficiency Testing Educational Activity*. 2011.

ABSTRACTS

Moser K, Bovio I, Hill S, Tripp SR, Perkins SL, Bahler DW. Improved identification of megakaryoblasts by flow cytometry relative to immunohistochemistry. *Mod Pathol*. 2012; 25(suppl 2): 356A.

Moser K, Salama ME, Kohan JL, Tripp SR, Bahler DW, Perkins SL. Flow cytometry versus immunoperoxidase staining for determination of plasma cell clonality with small plasma cell numbers. *Mod Pathol*. 2012; 25(suppl 2):356A.