

Andrew Cluster

Email: acluster48@siumed.edu

CURRENT POSITIONS

Washington University School of Medicine, Instructor of Pediatrics, Division of Hematology/Oncology, 7/1/2016- Present

Southern Illinois University School of Medicine, Clinical Assistant Professor
7/1/2016- Present

EDUCATION AND TRAINING

Fellow Hematology-Oncology, Washington University, St. Louis
07/01/2013- 6/30/2016

Residency St. Louis Children's Hospital, 07/01/2010- 6/30/2013

M.D. University of Texas Southwestern Medical School at Dallas,
June 2010

B.S. University of Maryland, College Park 2002, *Cum Laude*
Major: Cell Molecular Biology and Genetics

HONORS

Medical School

Southwestern Medical Foundation Scholarship for Academic Achievement, 2006-2008

Undergraduate

Maryland Distinguished Scholarship, 2002-2006

University of Maryland Dean's Scholarship, 2002-2003

TEACHING EXPERIENCE

Fellowship

Practice of Medicine II Mentor, 2015

Medical School

Teaching Assistant, Cell Biology Course, 2010

RESEARCH EXPERIENCE

Research under Jeff Magee (July 2014-present)

Exploring the role of MLL3 mutations in hematopoiesis and leukemogenesis using mouse models

ACTIVITIES AND ORGANIZATIONS

Medical School

Texas Medical Association, 2006 – 2010

PUBLICATIONS

1. S. Jayanthi, X. Deng, B. Ladenheim, M. T. McCoy, A. Cluster, N. Cai, J. L. Cadet. Calcineurin/NFAT-induced up-regulation of the Fas ligand/Fas death pathway is involved in methamphetamine-induced neuronal apoptosis. *Proc Natl Acad Sci.* 2005 January 18; 102(3): 868–873.

2. Rachel Kassel, Jason O. Robertson, Vanderlene L Kung, Frances V White, Andrew S Cluster, Monica L Hulbert, Adam M Vogel. Small intestinal ulcers in hemophagocytic

lymphohistiocytosis presenting as acute appendicitis. *Journal of Pediatric Surgery Case Reports*. 2014 June; 2(6) 325-327.

3. Shaina N Porter, Andrew S Cluster, Jenna R Voigtmann, Darlene A Monlish, Laura G Schuettpelz, Jeffrey A Magee. Pten cell autonomously modulates the hematopoietic stem cell response to mobilizing cytokines. *Stem Cell Reports*. 2016 June 14; 6: 1-9.