

PERSONAL INFORMATION

Name: Alexandra Christina Barger

Address: 2481 Crescenzo Way, Lexington, KY 40511

Primary Phone: 618-201-9470

Work Phone: 618-201-9470

Alternate Phone: none

Email Address: alexandra.c.barger@gmail.com

EDUCATION

08/2014-05/2018

Southern Illinois University School of Medicine

Degree: MD

Date awarded: 05/2018

Major: Medicine

08/2013-05/2018

Southern Illinois University

Degree: MPH

Date awarded: 05/2018

Major: Public Health

08/2008-05/2012

Washington University in St. Louis

Degree: BA

Date awarded: 05/2012

Major: Biology

EMPLOYMENT AND VOLUNTEER EXPERIENCE

07/2023-present

Centers for Disease Control and Prevention

Address: 1600 Clifton Rd. Atlanta, GA 30329

Position Title: Epidemic Intelligence Service Officer

Hours/Week: 40

Duties/Responsibilities: Assigned to the Kentucky Department for Public Health, engaging in applied epidemiology training and practice.

Supervisor Name: Jennifer Wright

Email: pzw5@cdc.gov

07/2021-06/2023

University of Colorado School of Medicine

Address: 12700 E. 19th Ave. Research Complex 2 Bldg. Aurora, CO 80045

Position Title: Infectious Diseases Fellow

Hours/Week: 60

Duties/Responsibilities: Providing direct patient care for a variety of infectious diseases in both inpatient and outpatient settings, prepare for and present at regular case conference, journal club, and morbidity and mortality meetings.

Supervisor Name: Brian Montague

Phone: 303-724-4932

Email: brian.montague@cuanschutz.edu

06/2018-06/2021

Tulane University School of Medicine

Address: 1430 Tulane Ave. #8050 New Orleans, LA 70112

Position Title: Internal medicine resident

Hours/Week: 60

Duties/Responsibilities: Providing direct patient care in both inpatient and outpatient settings, participating in and leading quality improvement projects, didactic sessions, and board review sessions

Supervisor Name: Deepa Bhatnagar

Phone: 504-988-7810

Email: dbhatnag@tulane.edu

08/2014-05/2018

Reason for unemployment: to pursue medical school.

09/2013-08/2014

Jackson County Health Department

Address: 415 Health Department Rd.
Murphysboro, IL 62966

Position Title: Graduate Assistant

Hours/Week: 20

Duties/Responsibilities: Planning and executing worksite wellness programming across the 16 southernmost counties of Illinois, funded by a grant from the Delta Regional Authority.

Supervisor Name: Angie Bailey

Phone: 618-457-5200 ext.67834

Email: angie.bailey@sih.net

06/2012-08/2013

National Institutes of Health - Rocky Mountain Laboratories

Address: 903 S. 4th St. Hamilton, MT 59840

Position Title: Postbaccalaureate intramural research training fellow

Hours/Week: 40

Duties/Responsibilities: Undertaking basic science research focused on the molecular biology of Chlamydia infection.

Supervisor Name: Ted Hackstadt

Phone: 406-381-8613

Email: ted_hackstadt@nih.gov

PUBLICATIONS

Barger, AC., et al. (2018). Sexually transmitted infections in the Delta Regional Authority: significant disparities in the 252 counties of the eight-state Delta Regional Authority. *Sex Transm Infect*, 94:611-615.

Ratnapradipa, D., McDaniel, J. T., & Barger, A. (2017). Social vulnerability and Lyme disease incidence. A regional analysis of the United States, 2000-2014. *Epidemiology Biostatistics and Public Health*, 14(2), [e12158]. <https://doi.org/10.2427/12158>

Mital, J., Lutter, E.I., Barger, AC., Dooley, C., & Hackstadt, T. (2015). *Chlamydia trachomatis* inclusion membrane protein CT850 interacts with the dynein light chain DYNLT1 (Tctex1). *Biochem. Biophys. Res. Commun.* Accepted April 24, 2015.

Sun et al. (2015). Type I Interferons link viral infection to enhanced epithelial turnover and repair. *Cell Host Microbe*, 17(1), 85-97.

Ratnapradipa, D., Barger, A.C., & Yang, H. (2014) Application of the core areas of environmental health to recreation therapy practices. *American Journal of Recreational Therapy*, 13(1).

Lutter, E.I., Barger, A.C., & Hackstadt, T. *Chlamydia trachomatis* inclusion membrane protein CT228 recruits elements of the myosin phosphatase pathway to regulate release mechanisms. *Cell Rep.* 2013 May 29. doi:pii: S2211-1247(13)00209-X. 10.1016/j.celrep.2013.04.027. PMID:23727243

PRESENTATIONS

ORAL PRESENTATIONS

May 2021-Tulane Internal Medicine Grand Rounds. Quality Improvement Initiative. New Orleans, LA

Dec. 2019- Alexandra C Barger, Tameka Smith. Morbidity and Mortality Conference. New Orleans, LA.

Apr. 2017- Alexandra C. Barger, William Pearson, Christofer Rodriguez, David Crumley, and Wiley Jenkins. Sexually Transmitted Disease Disparities Among Delta Region States. Springfield, IL.

Sept. 2015- SIUMED Mentored Professional Enrichment Experience Symposium. Eastern Equine Encephalitis Virus Surveillance. Springfield, IL. Oral presentation. Aug. 2012- NIH Summer Internship Program Research Symposium. St. Louis, MO.

Jan. 2014- Dhitinut Ratnapradipa, Alexandra C. Barger, and Rae Leonor Gumayan. Environmental Health Risk Exposure: An Introductory Lesson to Environmental Health. Carbondale, IL.

Mar. 2013- Erika I. Lutter, Alexandra C. Barger, and Ted Hackstadt. *Chlamydia trachomatis* extrusion formation is regulated by the myosin phosphatase pathway. San Antonio, TX.

Aug. 2012- NIH Summer Internship Program Research Symposium. Hamilton, MT.

Aug. 2011- NIH Summer Internship Program Research Symposium. Hamilton, MT.

POSTER PRESENTATIONS

March 2020- Alexandra C. Barger, Hannah T. Oakland. Can one know what resides in the heart of another? 2020 Louisiana ACP Annual Meeting, Clinical Vignette. New Orleans, LA.

May 2019- Alexandra C. Barger, Hannah T. Oakland. Warfarin - It's not just bleeding risk. 2019 SGIM Annual Meeting, Clinical Vignette. Washington, D.C.

Mar. 2013- Alexandra C. Barger, Erika I. Lutter, and Ted Hackstadt. Interaction of Src Family kinases with the myosin phosphatase pathway for *C. trachomatis* extrusion. San Antonio, TX.

Apr. 2012- St. Louis Area Undergraduate Research Symposium. St. Louis, MO.

Apr. 2012- Washington University Undergraduate Research Symposium. St. Louis, MO