

Dustin Blake Stephens PhD

University of Kentucky College of Medicine
Center for Clinical & Translational Science
Department of Behavioral Science
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Summary

- Seeking residency position in academic medical research institution
- *Clinical interests:* Psychiatry; Underserved populations; Global and rural health
- *Research interests:* Schizophrenia and severe mental illness; Substance abuse; Injection drug use and other risk behaviors impacting HIV & hepatitis C virus; Rural health disparities
- Alpha Omega Alpha member

Education

- MD-PhD Program, University of Kentucky College of Medicine, Global Health track; enrolled 2009, anticipated graduation May 2015
- Doctorate of Philosophy, Clinical & Translational Science, University of Kentucky College of Medicine, August 2014; Dissertation: "Primary and secondary prevention of hepatitis C virus among rural Appalachian people who use drugs"
- Bachelor of Science in Zoology, University of Texas at Austin, 1998; High Honors & Special Departmental Research Honors

Research and Academic Experience

- Sept. 2014 – present **Research Analyst**, University of Kentucky College of Medicine
 - Data analysis and manuscript preparation with Dr. Jennifer Havens, Department of Behavioral Science and Center for Drug & Alcohol Research
 - Data analysis and manuscript preparation focused on clinical correlates of schizophrenia and severe mental illness, with Dr. Jose de Leon, University of Kentucky, Department of Psychiatry and Eastern State Hospital
- Sept. 2011 – August 2014 **Graduate Student**, University of Kentucky College of Medicine Clinical and Translational Science (CTS), Center for CTS
 - *Social Networks among Appalachian People (SNAP)*
PI: Jennifer Havens, PhD MPH; Department of Behavioral Science
 - Longitudinal analysis of data from rural cohort of non-medical prescription drug users in rural Appalachian Kentucky
 - *Coursework:* Biostatistics, CTS Seminar, Advanced Epidemiology, Longitudinal Analysis, Statistical Genetics, Advanced Regression

- July 2009 – Feb. 2010 **Medical Student Research Assistant**
Physical and Biomedical Anthropology
PI: Andrew Deane, PhD; Department of Anatomy and Neurobiology
- Digital analysis of phalangeal articular surfaces and dental curvature
- Gross anatomical orthopedic research project with Srinath Kamenini MD, Department of Orthopedic Surgery, UK College of Medicine
- August 2003 – July 2005 **Research Assistant**
Univ. of California-Berkeley / Smithsonian Tropical Research Institute (STRI)
PI: Robert Dudley, PhD
- Investigated diet of Howler, Capuchin and Spider monkeys, including fruit selection in the field (Barro Colorado Island, Panama) and biochemical assays including sugar and ethanol concentration, colorimetry, reflectance with funding from STRI, NSF, Sigma Xi, and UC Berkeley.
- Oct. 1999 – July 2003 **Natural Science & Outdoors Educator**
Central Park Conservancy, New York City
- Taught biology, natural history, team-building, orienteering, and outdoor education courses to at-risk youth for non-profit based in Central Park

Publications

- Stephens DB, Young AM, Mullins UL, Havens JR. 2015. Correlates of seroprevalent herpes simplex virus type 2 among rural Appalachian drug users. *Journal of Medical Virology*, in press.
- Young AM, Stephens DB, Khaleel H, Havens JR. 2015. Hepatitis C vaccine clinical trials among people who use drugs: potential for participation and involvement in recruitment. *Contemporary Clinical Trials* 41: 9-16.
- Stephens DB and Havens JR. 2013. Predictors of alcohol use among rural drug users after disclosure of hepatitis C virus status. *Journal of Studies on Alcohol and Drugs* 74: 386-95.
- Young AM, Crosby R, Oser CB, Leukefeld CG, Stephens DB, and Havens JR. 2012. Hepatitis C viremia and genotype distribution among a sample of nonmedical prescription drug users exposed to HCV in rural Appalachia. *Journal of Medical Virology* 84: 1376-87. Citations: 7
- Stephens DB and Dudley R. 2006. The drunken monkey hypothesis. *Natural History* Jan 2006: 40-44. Reprinted by Houghton-Mifflin (2006), McGraw-Hill Educational Series (2007)
- Chai P, Altshuler DL, Stephens DB, and Dillon ME. 1999. Maximal horizontal flight performance of hummingbirds: Effects of body mass and molt. *Physiological and Biochemical Zoology* 72: 145-55. Citations: 18

Publications (*continued*), *under review*:

- Stephens DB and Havens JR. 2015. Longitudinal predictors of HCV seroconversion among rural Appalachian people who use drugs. Submitted to: *Clinical Infectious Diseases*.

In preparation:

- Stephens DB and de Leon J. 2015. Lack of association between attempted suicide and CYP2D6 ultrarapid metabolizer phenotype in a large sample of psychiatric inpatients. Target journal: *Clinical Pharmacology and Therapeutics*.
- Stephens DB and de Leon J. 2015. Correlates of alcohol, illicit drug, and daily smoking cessation among patients with severe mental illness. Submitted to: *Journal of Clinical Psychiatry*.
- Stephens DB and Havens JR. 2015. Changes in injection risk behavior after HCV testing and counseling among rural Appalachian people who inject drugs. Submitted to: *Addiction*.

Posters, Seminars, and Reviews

- April 2015 Regional Global Health Conference - University of Louisville School of Medicine
- Poster: "Medical care and uptake of treatment for hepatitis C virus among rural Appalachian drug users"
- Feb 2015 Alpha Omega Alpha Honor Society/Grove Memorial Research Day
University of Kentucky College of Medicine
- Poster: "Changes in risk behavior among injection drug users in rural Appalachia following disclosure of hepatitis C virus serostatus"
- May 2014 Center for Clinical and Translational Science Spring Conference
Lexington, KY Convention Center
- Poster: "Medical care and uptake of treatment for hepatitis C virus among rural Appalachian drug users"
- Jan 2014 AOA/Grove Memorial Student Research Day – Univ. of Kentucky College of Medicine
- Poster: "Medical care and uptake of treatment for hepatitis C virus among rural Appalachian drug users"
- May 2013 Center for Clinical and Translational Science Spring Conference - Lexington, KY
- Poster: "HCV viremia and genotype among rural Appalachian people who use drugs"
- Feb 2013 AOA/Grove Memorial Research Day - University of Kentucky College of Medicine
- Poster: "HCV viremia and genotype among rural Appalachian people who use drugs"
- August 2012 MD/PhD and American Physician-Scientist Association Regional Conference
University of Louisville School of Medicine
- Poster: "Predictors of alcohol use among HCV-positive drug users in rural Appalachia"

Posters, Seminars, and Reviews (*continued*):

- July 2012 International Journal of Clinical Reviews
Manuscript reviewer: "Triple combination of telaprevir, pegylated interferon and ribavirin in patients with chronic hepatitis C"
- Jan 2012 Center for Clinical and Translational Science Seminar Series
Sponsored by the UK College of Medicine and the Department of Behavioral Science
- Seminar: "Hepatitis C, prescription drugs, and other risky business in rural Appalachia"
- April 2010 American Assoc. of Physical Anthropologists Annual Conference - Albuquerque, NM
Abstract: Kiser, Zachary M.; Stephens, Dustin B.; Deane, Andrew S. "Platyrrhine incisal curvature and diet: An independent test of the incisor morphological correlates with dietary proportions reported for extant hominoids"
- March 2010 Alpha Omega Alpha Honor Society/Grove Memorial Research Day
University of Kentucky College of Medicine
- Poster: "Distal attachments in triceps brachii reconsidered: Implications for biomechanical function and surgical approach", with Andrew Deane, PhD, Srinath Kamenini, MD, Department of Anatomy and Neurobiology, University of Kentucky College of Medicine

Awards, Scholarships, and Memberships

- Best Poster award, Regional Global Health Conference, University of Louisville (2015)
- T32 Research Training Grant, NIH and Center for Clinical and Translational Science (2012-2014)
- Certificate in Clinical and Translational Science, University of Kentucky College of Medicine (2013)
- Advancement with Dean's Distinction, University of Kentucky College of Medicine (2010 & 2011)
- Center for Clinical & Translational Science, Professional Student Mentored Research Fellow (2010)
- Sigma Xi Award for Research (2006)
- University of California - Berkeley, Integrative Biology Graduate Student Research Award (2005)
- Christopher Schulze Top Graduating Scholar Award for Zoology, University of Texas - Austin (1998)
- Alpha Omega Alpha, Phi Beta Kappa, & Sigma Xi honor societies
- American Psychiatric Association, member

Community Service, Volunteer, and Other Work

- International Federation of Medical Student Associations: Treasurer; Silent art auction fundraiser for Shoulder-to-Shoulder Global clinic (Ecuador), volunteer (2014-2016)
- Salvation Army Clinic, Lexington KY: volunteer (2009-2011)
- American Safe Climbing Association & Access Fund, member and volunteer (2010-present)
- Friends of Muir Valley & Red River Gorge Climbers Coalition, Lee, Powell, and Wolfe Counties (Eastern Kentucky), volunteer and safety consultant (2009-present)
- Author of *Red River Gorge North* rock climbing guidebook to Eastern Kentucky (Wolverine Press, 2015)