
Derek Johnson

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AREA OF INTEREST: Study Design Methodology

EDUCATION

Doctor of Philosophy, Epidemiology (Candidate) - University of Alabama at Birmingham. Sept 2008 – Current:

Relevant Coursework: Categorical Data Analysis, Survival Analysis, General Linear Models, Design/Conduct Clinical Trials.

Master of Public Health -Drexel University, Philadelphia, PA. June 2006:

Relevant Coursework: Tropical Infectious Disease, Epidemiology II, Biostatistics II, Race/Ethnicity Health, US Health Care Policy

Master's Thesis: Assessing the Health and Psychosocial Outcomes of Case Management in Helping People Manage Their HIV, Drexel University.

Dual Major: B.S. in Biology; B.A. in Philosophy - Northeastern University, Boston, MA. June 2004:

Relevant Coursework: Microbiology/Lab, Genetics/Lab, Parasitology/Lab, Molecular Biology, Wittgenstein, Symbolic Logic, Intro to Plato, Linguistics, Social/Political Philosophy

AWARDS & HONORS

- Conference on Retroactive and Opportunistic Infections Student Scholarship (Boston MA, 2011)
 - International AIDS Society Student Scholarship (Rome Italy, 2011)
 - Southeast SAS Users Group Student Scholarships (SAS Institute, 2009)
 - Graduate School Scholarship (University of Alabama Birmingham, 2009)
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FELLOWSHIPS

Fogarty International Clinical Research Scholars and Fellows (FICRS-F), August 2010 - 2011

Where: University of North Carolina, Project Lilongwe Malawi.

Duties: Researched implications for Tenofovir use as a first-line ART regimen in PMTCT programs.
Researched reasons for pre-ART lost to follow-up.

Association for Prevention, Teaching and Research, Sept. 2006 - 2008

Where: National Center for Health Statistics, Center for Disease Control and Prevention.

Duties: Used NHIS and AQS national data to explore health outcomes associated with PM2.5 pollution exposure

COMPUTER SKILLS

SAS, R, HTML/CSS/JavaScript, STATA, SPSS, CARE-ware, MS Access.

MANUSCRIPTS PUBLISHED or IN PRESS

Eric D. McCollum, **Derek C. Johnson**, Charles S. Chasela, Linias D. Siwande, Peter N. Kazembe, Dan Olson, Irving Hoffman, Charles van der Horst, Mina Hosseinipour. Superior Uptake and Outcomes of Early Infant Diagnosis of HIV Services at an Immunization Clinic Versus an "Under-Five" General Pediatric Clinic in Malawi. *JAIDS* (2012. Recently accepted, ahead of print).

Johnson, D. Kempf, M. Wilson. C. Shrestha, S. The Effects of Hormone Contraceptive use in HIV Positive Female Adolescents on Antiviral Medication. *HIV & AIDS Review* (2011) Vol. 10 pp65-69.

Johnson, D. Polansky, M.; Matosky, M.; Teti, M. Psychosocial Factors Associated with Successful Transition into HIV Case Management for those without Primary Care in an Urban Area. *AIDS and Behavior* (2010)_Apr; 14(2): 459-68.

Johnson, D. Parker, JD. Air pollution exposure and self-reported cardiovascular disease. *Environmental Research* (2009). Jul;109(5):582-9

Goldenberg, RL. Culhane, JF. **Johnson, D.** Maternal Infection and Adverse Fetal and Neonatal Outcomes. *Clinical Perinatology* (2005). Vol. 32 pp 523-559.

WORK IN PROGRESS

- D. Johnson**, C. Feldacker, H. Tweya, S. Phiri, M. Hosseinipour. *Starting on time: Factors associated with initiation of antiretroviral treatment in two HIV clinics in Lilongwe, Malawi* (Submitted to PLoS ONE).
- D. Johnson**, C. Chasela, M. Maliwichi, A. Mwafongo, A. Akinkuotu, A. Moses, Denise. J. Jamieson, A. P. Kourtis, C. C. King, C. van der Horst, M. C. Hosseinipour. *Renal Insufficiency among HIV-infected, ART-naïve Individuals in Lilongwe, Malawi: Implications for Tenofovir use in antiretroviral treatment and prevention of mother-to child-transmission programs* (Submitted to PLoS ONE).

CONFERENCE PRESENTATIONS

- Sadeep Shrestha, **Derek Johnson**, Donna C Porter, Erin Reid, Jill Palchinsky, Sonia Napravnik, William C Mathews, Joseph Eron, Michael S Saag. *HIV prevalence among cancer patients in three urban oncology clinics*. Presented at the Conference on Retroviruses and Opportunistic Infections (CROI), March 5, 2012, Seattle, WA.
- D. Johnson**, C. Feldacker, H. Tweya, S. Phiri, M. Hosseinipour. *Starting on time: Factors associated with initiation of antiretroviral treatment in two HIV clinics in Lilongwe, Malawi*. Presented at International AIDS Society, July 17th, Rome, Italy
- D. Johnson**, C. Chasela, M. Maliwichi, A. Mwafongo, A. Akinkuotu, A. Moses, Denise. J. Jamieson, A. P. Kourtis, C. C. King, C. van der Horst, M. C. Hosseinipour. *Renal Insufficiency among HIV-infected, ART-naïve Individuals in Lilongwe, Malawi: Implications for Tenofovir use in antiretroviral treatment and prevention of mother-to child-transmission programs*. Presented at the Conference on Retroviruses and Opportunistic Infections (CROI), February 27, 2011, Boston, MA.
- Johnson, D.** Polansky, M. *Psychosocial factors associated with successful transition into publically brokered case management for HIV among those without primary medical care in an urban setting*. Presented at the American Public Health Association (APHA), Nov 7, 2009, Philadelphia.

Johnson, D. Olufemi, O. Acharya, K. Bachmann, LH. Sturdevant, M. Kempf, MC.
Preterm Delivery in HIV+ pregnant Women on Protease Inhibitors. Presented at
the International Society for Pharmacoepidemiology (ISPE), August 16, 2009,
Rhode Island.

Johnson, D. Kempf, M. Wilson. C, Shrestha, S. *The effects of hormone contraceptive
use on immune reconstitution in HIV positive women on antiviral medication*
Presented at the International Society for Pharmacoepidemiology (ISPE), August
16, 2009, Rhode Island.

Johnson, D. Parker, J. *Air Pollution and Health Disparities in Hypertension*
.Presented at the International Society for Environmental Epidemiology (ISEE),
September 5, 2007, Mexico City.

Johnson, D. Parker, J. *Chronic Air Pollution Exposure and Cardiovascular Health.*
Presented at the Society for Epidemiologic Research (SER), June 23, 2007,
Boston MA.

PROFESSIONAL EXPERIENCE

Nov. 2009 - 2010

Assistant Program Manager, Center for AIDS Research, University of Alabama at
Birmingham.

Duties: Organized and maintained daily activities for a project studying non-AIDS
defining malignancies and HIV prevalence. SAS programmer and data analysis

Sept. 2008 to Present

Research Assistant for Dr. Sadeep Shrestha, University of Alabama at Birmingham.

Duties: SAS & R programmer and analyst for BRIDGE. Investigated the effects of
hormone contraceptives on immune reconstitution in adolescents living with HIV.

Sept. 2004 to June 2005

Research Assistant for Dr. Culhane, Drexel University

Duties: SAS programmer and data analysis for the SPEAK cohort study. Helped to
assess the social determinants of health in pregnant women living in Philadelphia.

TEACHING EXPERIENCE

Course Instructor (2010): Kumuzu Central Hospital, University of North Carolina,
Project Lilongwe Malawi

Supervisor: Mina Hosseinipour, Associate Professor

Course: Introduction to Epidemiology Methods

Teaching Assistant (2011): University of Alabama at Birmingham

Supervisor: Dr. Olivia Affuso, Associate Professor

Course: Introduction to Epidemiology

Teaching Assistant (2009): University of Alabama at Birmingham

Supervisor: Dr. Ellen Funkhouser, Associate Professor

Course: Quantitative methods in epidemiology

Please Note: All teaching positions involve preparation and instruction of weekly tutorials, preparation of exam questions, grading assignments, and individual consultation with students.

REVIEWING ACTIVITIES

Journal of AIDS and Behavior, Editor: S.C. Kalichman

COMMUNITY SERVICES

Boy Scouts of America, Eagle Scout

Needle Exchange Program; Prevention Point Philadelphia

CPR Certified