

# Lacey Critchley, PhD, MPH

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## EDUCATION

University of Miami, Leonard M. Miller School of Medicine Miami, FL  
**Doctor of Philosophy, Epidemiology** August 2014 – December 2019

- Graduating GPA: 3.6
- Dissertation: "Food insecurity: Deconstructing its predictors and relationship with HIV medication adherence"

University of Miami, Leonard M. Miller School of Medicine Miami, FL  
**Master of Public Health** August 2008 – June 2010

- Graduating GPA: 3.8, top 10%
- Thesis: "A Feasibility Assessment of Microfinancing as a Strategy for Facilitating Patient Payment of Hospital Fees (Kisumu, Kenya)"

University of Florida Gainesville, FL  
**Bachelor of Science, Health Science Education** August 2003 – May 2007

- Graduating GPA: 3.7, cum laude

## PROFESSIONAL EXPERIENCE

University of Miami, Leonard M. Miller School of Medicine Miami, FL  
**Data/Research Analyst** August 2014 – December 2019

Complex data management and analysis for a biostatistics research team focused on designing and evaluating clinical trials for behavioral HIV interventions. Methodologies used include traditional statistical approaches (regression, risk calculation) as well as novel approaches (machine learning/random forest, causal inference, structural equation modeling). Software experience: SAS, R, Mplus, SPSS, SQL, Python, Jupyter, Github, Microsoft Office.

International Rescue Committee New York, NY & London, UK  
**Program Manager, New Country Programs** May 2012 – August 2014

Operational, strategic and grant management support of a \$5M portfolio across 7 countries. Specific activities include proposal development (normally in the \$2M range), budgeting and budget management, business case development, donor and partner mapping, assisting with country legal registration, donor reporting and liaising, and in-country assessments and analyses.

Catholic Relief Services Port-au-Prince, Haiti  
**Site Coordinator (Contract), AIDSRelief** Dec 2011 – April 2012

Management of grant closeout activities for an 8-year, \$50M PEPFAR-funded AIDSRelief program in Haiti; included drafting and implementation of HRSA action plans, end-of-grant budget planning with multiple teams at the national program and 8-local sites, and a large-scale programmatic asset disposition plan for over \$1M of capital assets. Special focus on SharePoint design, cataloging, and organization of grant closeout documents to ensure global accessibility.

Doctors Without Borders/Médecins Sans Frontières New York, NY  
**Public Events Associate** Aug 2011 – Dec 2011

Support for national recruitment and outreach efforts for international deployments. Logistical support to the Public Events and Communications Departments, including the organization and promotion of the *Starved for Attention* traveling exhibit and international campaign.

McGill University & Harvard University Montreal, Canada  
**Research Assistant, Humanitarian Studies Initiative** Nov 2010 – April 2011

Wrote and secured over \$150k in grants for several global health research initiatives. Management support for an annual humanitarian training program, which included coordinating a 300 person, 3-day humanitarian disaster simulation. Created and maintained the program's website and managed conferences and event preparations.

University of Miami, Leonard M. Miller School of Medicine

Miami, FL

**Program/Research Assistant**

April 2008 – July 2010

Spearheaded the Graduate Programs' promotional activities at national and local graduate fairs and conferences. Research tasks including literature reviews, publications, and grant writing for several health-based research teams.

United States Peace Corps

Beka, Burkina Faso

**Community Health Development Worker**

Oct 2007 – Feb 2008

Conducted community-based participatory research assessments, resulting in several awareness-raising activities and health promotion campaigns around common health and sanitation issues in a small, rural village in Burkina Faso. Lead local health clinic data tracking and facilitated several village groups focused around financial planning/savings, girls empowerment, and women's income generation.

World Health Organization

Geneva, Switzerland

**Chronic Disease & Health Promotion Intern**

Jan 2007 – May 2007

Researched, co-authored, and presented a 5-month systematic review on the effect of higher education on health outcomes.

## PUBLICATIONS

**Critchley, L.**, Carrico, A., Kanamori, M., Metsch, L. R., & Feaster, D. J. (*in preparation*) A random forest approach to identify factors associated with food insecurity in a sample of hospitalized people living with HIV who use drugs and/or alcohol.

**Critchley, L.**, Carrico, A., Kanamori, M., Metsch, L. R., & Feaster, D. J. (*in preparation*) Using causal inference methodologies to better estimate the relationship between food insecurity and HIV medication adherence.

**Critchley, L.**, Carrico, A., Kanamori, M., Metsch, L. R., & Feaster, D. J. (*in preparation*) The relationship between food insecurity and antiretroviral adherence over time: A cross-lagged panel approach in a sample of hospitalized people living with HIV who use drugs and/or alcohol.

**Critchley, L.**, Carrico, A., Gukasyan, N., Mandler, R. N., Jacobs, P., Rodriguez, A. E., del Rio, C., Metsch, L. R., Feaster, D. J. (2020) Problem opioid use and engagement in HIV primary care among hospitalized people who use drugs and/or alcohol. [\*Addiction Science & Clinical Practice, 15:19.\*](#)

Elliott, J. C., **Critchley, L.**, Feaster, D. J., Hasin, D. S., Mandler, R. N., Osorio, G., Rodriguez AE, del Rio C, & Metsch, L. R. (2019). The roles of heavy drinking and drug use in engagement in HIV care among hospitalized substance using individuals with poorly controlled HIV infection. [\*Drug and alcohol dependence. 201:171-177.\*](#)

Liddle, H. A., Rodriguez, R. A., & **Greathead, L.\*** (2011). Drug addiction in the family. *Encyclopedia of Family Health.*

**Greathead, L.\*** (2011). A day in the life of Zanre Wofom: Lacey Greathead's volunteer experience in Burkina Faso. *Journal of International Experiences, 12-13.*

Webster, S. M., Curran, J., **Greathead, L.\*** & Lemieux, K. (2006). Spirituality in Mainstream Academia: Three Transformative Activities. [\*Journal of College and Character, 7\(6\).\*](#)

*\*Published under maiden name, Lacey Greathead*

## CONFERENCE PRESENTATIONS

Elliott, J. C., **Critchley, L.**, Feaster, D. J., Hasin, D. S., Mandler, R. N., Osorio, G., Rodriguez AE, del Rio C, & Metsch, L. R. (2019), June 22-26, 2019. Research Society on Alcoholism (RSA) 42<sup>nd</sup> Annual Scientific Meeting. Minneapolis, MN. The roles of heavy drinking and drug use in engagement in HIV care among hospitalized substance using individuals with poorly controlled HIV.

**Critchley L. T.**, Carrico, A, Mandler RN, Jacobs P, Rodriguez AE, del Rio C, Metsch LR, Feaster DJ. June 9-14, 2018. College on Problems of Drug Dependence (CPDD) 80<sup>th</sup> Annual Scientific Meeting. San Diego, CA. Engaging in the HIV care continuum: Do opioid users differ from those who use other substances?

**Critchley L. T.**, Carrico, A, Mandler, R. N., Jacobs, P., Rodriguez, A. E., del Rio, C., Metsch, L. R., Feaster, D. J. March 20 -21, 2018. Clinical Trials Network Annual Meeting. Bethesda, MD. Engaging in the HIV care continuum: Do opioid users differ from those who use other substances?

Elliott, J. C., **Critchley, L.**, Feaster, D. J., Hasin, D. S., Mandler, R. N., Osorio, G., Rodriguez AE, del Rio C, & Metsch, L. R. (2017), September 14-15, 2017. International Network on Brief Interventions for Alcohol & Other Drugs (INEBRIA) Scientific Meeting. New York, NY. The roles of heavy drinking and drug use in engagement in HIV care among hospitalized substance using individuals with poorly controlled HIV.

**References available upon request.**