

Hanna Lindner

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EDUCATION

University of Pennsylvania	Philadelphia, PA
Doctor of Philosophy, Biostatistics	August 2016-Present
Master of Science, Biostatistics	May 2018

University of Central Florida	Orlando, FL
Bachelor of Science, Statistics (Summa Cum Laude)	May 2016
Minor in Mathematics	

RESEARCH EXPERIENCE

Research Assistant, University of Pennsylvania	August 2017-Present
<i>Advised by Dr. Justine Shults & Dr. Deirdre Sawinski</i>	

- Survival analysis methods to assess impact of dialysis treatment noncompliance on poor post-transplant outcomes

Lab Rotation, University of Pennsylvania	September 2017-April 2018
<i>Principle Investigator: Dr. Warren Bilker</i>	

- Adapted methodology to test correlated correlations for correlated kappa statistics

Lab Rotation, University of Pennsylvania	June 2017-September 2017
<i>Principle Investigator: Dr. Michelle Ross</i>	

- Methods for spatial statistics

Lab Rotation, University of Pennsylvania	January 2017-May 2017
<i>Principal Investigator: Dr. Michael Levy & Dr. Jason Roy</i>	

- Conducted simulations using a Bayesian-spatial model to optimize search strategy for controlling Chagas disease in Arequipa, Peru

Lab Rotation, University of Pennsylvania	September 2016-January 2017
<i>Principal Investigator: Dr. Wei-Ting Hwang</i>	

- Simulated a dose-finding study based on toxicity to target a dose of T-cell therapy with desired response rate

National Cancer Institute, National Institutes of Health	Rockville, MD
<i>Division of Cancer Epidemiology and Genetics Intern</i>	May 2016-August 2016

- Age, period, cohort (APC) modeling of prostate cancer incidence to investigate geographic and demographic disparity
- Use of traditional APC model and correlated Poisson APC model

Behavior Health Research Group, University of Central Florida*Student Research Fellow*

June 2015-June 2016

- Serve as a research assistant for various on-going projects related to men's health
- Analyze survey data and public data using SAS and SPSS regarding men's health behaviors and men's health disparities
- Study adolescent male's intention and knowledge of testicular cancer and testicular self examination

Summer Institute for Training in Biostatistics, Boston University*Student Scholar*

June 2015-July 2015

- Recipient of a full scholarship to the NHLBI funded Boston University SIBS
- Completed program modules in biostatistics, epidemiology, clinical trials, statistical genetics and training in SAS
- Performed analysis in SAS and R on data collected from the Framingham Heart Study

Learning Environment & Academic Research Network (LEARN), Univ. Central Florida*Student Scholar*

2013-2014 Academic Year

- Completed a 12 week research apprenticeship at the Office of Operational Excellence and Assessment Support (OEAS)
- Conducted research on student academic perception versus actual student performance
- Wrote a research proposal and presented study findings to the LEARN cohort and OEAS

PROFESSIONAL EXPERIENCE

Innovarius

Orlando, FL

Clinical Analyst

August 2015-May 2016

- Aid in development and drafting of protocol to present to the FDA
- Collect data from Innovarius Clinical Centers to support on-going research that will push for acceptance of SanaWave technology to be used in oncology in the U.S.
- Create and execute an analysis plan to progress FDA applications
- Work within SAS and R to generate reports and analysis to present to the staff

Publications

Talton, W., **Lindner, H.**, & Rovito, M. J. Increasing Urologic Care Ratios: Implications of Male Patient Care in Florida. *American journal of men's health*, 2016.

Manuscripts in Progress

Lindner, H., & Bilker, W. A Nonparametric Procedure for Comparing Dependent Kappa Statistics. *In progress*. 2018.

Sawinski, D., **Lindner, H.**, Reese, P., Shults, J. Impact of dialysis noncompliance during waitlist on post-transplant outcomes. *In progress*. 2018.

Poster Presentations

“Regional Trends and Patterns in Prostate Cancer Incidence Among Blacks and Whites in the United States”. Symposium on Cancer Health Disparities; Bethesda, MD; October 2016.

“Predictors of testicular self-examination, tailored messaging, and the Control Identity Personality Typology”. Showcase of Undergraduate Research Excellence; Orlando, FL; April 2016.

Computing

- Expert: R
- Working knowledge: SAS, Stata, SPSS, MATLAB
- Applications: LaTeX, knitr, RMarkdown, StatWeave, GitHub