Travis Gerke, ScD

EPIDEMIOLOGIST • DATA SCIENTIST • STATISTICIAN

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Education

Summary: I am jointly trained as a statistician and epidemiologist. I apply these skills as a data science leader to guide data collection strategies (epidemiology) that will enable optimal insights and robust decision-making from downstream consumption (statistical translation).

Harvard School of Public Health	*Boston, MA*
Doctor of Science (ScD), Epidemiology	*2014*
Harvard University	*Cambridge, MA*
Master of Arts (AM), Biostatistics	*2011*
University of Florida	*Gainesville, FL*
Bachelor of Science (BS), Statistics	*2009*
Bachelor of Arts (BA), Mathematics	*2009*

Experience and impact

Summary: My career as a quantitative scientist spans not only the traditional principal investigator role, but also includes administrative leadership in the data science domain. I have led or collaborated on 14 successful grant applications, many of which helped drive my 70+ peer-reviewed manuscripts published or under review. My team science efforts have resulted in over 60 scientific conference presentations, both nationally and internationally. I have also led or co-developed 5 scientific software releases.

H. Lee Moffitt Cancer Center & Research Institute — *Tampa, FL*

Assistant Member, Department of Cancer Epidemiology — *2016–present*
- Research faculty

Scientific Director, Collaborative Data Services
- Lead scientific direction

University of Florida — *Gainesville, FL*

Assistant Professor, Department of Epidemiology — *2014–2016*
- Research faculty

Harvard School of Public Health — *Boston, MA*

Statistician I / Research Data Analyst, Department of Epidemiology — *2011–2014*
- Grant prep and manuscript writing

Dana-Farber Cancer Institute — *Boston, MA*

Research Data Analyst, Department of Biostatistics — *2012–2013*
- Python-based collaboration with Google Earth team

Department of Veterans Affairs — *Gainesville, FL*

Research Data Analyst, Rehabilitation Outcomes Research Center — *2008–2009*
- SAS-based econometric health-care delivery analyses

Leadership, advisory roles, and outreach

Summary: teaching activities

- Thing 1
- Thing 2
- Thing 3

Technical experience

- Thing 1

- Thing 2
- Thing 3