

# Phillip T. Sundin

1223 20<sup>th</sup> Street, Apartment 201, Santa Monica, CA 90404 | phillip1492@gmail.com | (814) 449-0030

## PROFESSIONAL EXPERIENCE

---

### **Biostatistics Graduate Student Researcher**, Los Angeles, CA **July 2016 – present**

#### *Statistical Consultant*

- Support multiple academic research projects by providing statistical work using SAS and R; run linear and logistic regression, PCA, and ANOVA, on data related to HIV and domestic violence in the developing world. Currently have three academic papers in the editing phase
- Work with cross-functional teams at the University of Stellenbosch in Cape Town, South Africa, to provide statistical analysis and resolve statistical issues in a public health environment
- Traveled to Cape Town, South Africa in August 2017 to participate in a two-week writing workshop for HIV researchers

### **Deloitte Consulting, LLP**, Pittsburgh, PA **August 2014 – March 2016**

#### *Management Consultant, Strategy and Operations*

- Provided analysis and insights for a client's business portfolio, resulting in a \$100M savings over a five-year period for a national healthcare provider
- Supervised organization of over 300 employees for medical provider IT support; decreased redeployment time of hospital human resources by 60%
- Contributed to large-scale organizational strategy projects in varying roles, with exposure to multiple clients, including a Fortune 100 pharmaceutical company, a large national healthcare provider, and a community hospital

### **General Electric**, Westborough, MA and Erie, PA **Summers 2012-2013**

#### *Intern, Process Redesign Engineer*

- Worked on a team to redesign a part of a product process for "Cellbag" assembly, reducing process time by 40%
- Developed system to track identifying, shipping, receiving, and processing infancy failures for over 5500 critical parts

## EDUCATION

---

### **University of California, Los Angeles (UCLA)**

July 2016 to present

**PhD in Biostatistics; GPA: 3.54/4.0**

### **Pennsylvania State University, Schreyer Honors College, University Park, PA**

Bachelor of Science May 2014

**Major:** Industrial Engineering; **GPA:** 3.88/4.0

## PUBLICATIONS

---

"Child behaviour and exposure to violence in the home: evidence from a rural Kenyan sample," Journal of Family Studies, 2017 (pending, second author)

"Why do Entrepreneurial mHealth Ventures in the Developing World Fail to Scale?," Journal Of Medical Engineering & Technology, Vol. 40, Issue 7-8, 2016 (first author)

"Designing Sustainable Revenue Models for CHW-Centric Entrepreneurial Ventures," Global Humanitarian Technology Conference (GHTC), 2014 IEEE, 687-693, 10 October 2014 (second author)

## RELEVANT COURSEWORK

---

Linear/Logistic Regression and Generalized Linear Models; Clinical Trial Design; Power and Sample Size Calculations; Simulation Techniques; Survival Analysis; Causal Inference; Classification and Regression Tree (CART) analysis; Mathematical Statistics; Optimization Methods; Linear Modelling; Biostatistics Methods I and II

## SERVICE, SKILLS & INTERESTS

---

**Community Service:** First United Methodist Church Volunteer (2016 to present) | United Way Deloitte (2014-2016)

**Technical Skills:** R | Stata | SAS | Microsoft Excel | Microsoft Visio | SQL | Microsoft PowerPoint | Minitab

**Interests:** Clinical Trial Design | Optimal Design of Experiments | Global Health | Survival Analysis | Mental Health