

Margaret L. Hannum

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EDUCATION

Mailman School of Public Health, Columbia University, New York, NY

Master of Science (MS) – Biostatistics, May 2018

Honors: Biostatistics Merit Scholarship Recipient. Huo Family Scholarship Recipient.

Relevant coursework: Statistical Learning and Data Mining, Generalized Linear Models, Advanced Statistical and Computational Methods for Genetics and Genomics, Deep Sequencing, Linear Regression Models

University of Notre Dame, Notre Dame, IN

Bachelor of Arts – Philosophy, Theater, May 2010. **Magna Cum Laude.**

Honors: Phi Beta Kappa Society. Dean's List. Catherine Hicks Award.

RESEARCH EXPERIENCE

Memorial Sloan Kettering Cancer Center

New York, NY

Research Intern *Department of Epidemiology & Biostatistics*

May 2017 – Present

- Working with Ronglai Shen (Sloan Kettering) and Shuang Wang (Columbia University) on breast cancer subtype classification refinement using clustering methods on multi-modal genomic data

Quality Assurance Specialist *Department of Medicine, Clinical Trials Office*

December 2014 – August 2015

- Collaborated with study teams across Department of Medicine to prepare for external audits and FDA inspections and allocated QA resources to assist when necessary
- Led meetings with principal investigators and study teams to create and provide feedback on corrective action plans
- Managed five research study assistants responsible for QA responsibilities listed below, conducted weekly one-on-one meetings and annual performance review

Research Study Assistant I & II *Department of Medicine, Clinical Trials Office*

November 2012 – December 2014

- Independently conducted internal departmental audits and monitored ongoing investigator-initiated studies for protocol compliance and data verification; built and maintained excellent working relationships across department in the process
- Reviewed and approved data collection tools prior to IRB approval

University of Notre Dame

Notre Dame, IN

Undergraduate Research Assistant

2009-2010

- Scholarly research for Public Communications book

OTHER EXPERIENCE

Janiczek Wealth Management

Greenwood Village, CO

Content Editor

May 2016 – present

- Provide extensive feedback on several personal finance books in preparation for first and second edition publication
- Review internal reports for accuracy and correctness; adapt web content to boost SEO of company website

Web Content Manager, Client Services and Operations Assistant

2009 – 2011

- Implemented new financial book marketing campaign
- Collaborated with financial advisors and customer relations team to streamline client experience both online and in person

SKILLS AND CERTIFICATIONS

- Experience with R, SAS, Python, SQL, Git, and LaTeX
- HIPAA Certified; Trained in Good Clinical Practice and Human Subjects Research regulations through CITI
- Adept with navigating electronic medical records and clinical research databases (including building and running queries using Oracle platform and entering data using Medidata Rave)
- Website development and pagebuilding (see personal website for example, built with R/HTML: margarethannum.github.io)