

# 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 Inference, Linear Regression, Categorical Data Analysis, Advanced Statistical and Computational Methods for Genetics and Genomics*

**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

*Department of Epidemiology & Biostatistics*

**Research Intern**

May 2017 – Present

- Working with Ronglai Shen (Sloan Kettering) and Shuang Wang (Columbia University) on cancer subtype refinement using multi-modal genomic data from The Cancer Genome Atlas

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

**Quality Assurance Specialist**

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
- Presented on institutional and federal regulatory requirements to educate hundreds of staff
- 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**

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

- HIPAA Certified; Trained in Good Clinical Practice and Human Subjects Research regulations through CITI; Knowledgeable on FDA 21 CFR and 45 CFR 46
- Experience with R, SAS, PLINK, SQL, and LaTeX
- 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 (Microsoft .NET 2.0)