Anu Joshi
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Education

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

MS in Biostatistics, Statistical Genetics   Aug 2016 - May 2018 (anticipated)

Relevant Coursework: Statistical Inference, Linear Regression Models, Advanced Statistical and Computational Methods in Genomics, Analysis of Categorical Data, Data Mining

Saint Peter's University   Jersey City, NJ

BS in Biotechnology, *summa cum laude*   Aug 2008 - May 2012

Honors Thesis: Reversal of Adipose differentiation *in vitro*

Experience

HITLAB   New York, NY

Data Analyst Intern   Sep 2017 - current

- Perform statistical analyses to support ongoing projects

HITLAB   New York, NY

DELPHI Fellow/Coordinator   May 2017 - Aug 2017

- Recruited participants and coordinated the successful completion of Phase I of a user-testing and acceptance study
- Conducted data analyses presented in sponsor reports

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

Graduate Research Assistant to Dr. Seamus J. Thompson   Sep 2016 - Feb 2017

- Conducted background research on FDA approved orphan drugs to inform a Phase I mitochondrial drug study

Baystate Medical Center   Springfield, MA

Clinical Research Coordinator   May 2014 - Jun 2016

- Led grant application processes; including writing, editing, creating budgets, and submissions that resulted in successful funding of multiple NIH grants for 5 clinical PIs
- Created detailed documents for IRB and HIPAA compliance reviews
- Assisted in writing and submitting 20+ manuscripts published in peer-reviewed healthcare journals
- Created and finalized annual operating budget for the Center, for 3 fiscal years

Nanoprobes, Inc   Yaphank, NY

Research Assistant   Jun 2012 – Sep 2013

- Researched and developed Iodine nanoparticles for use as tumor therapeutics at this biotechnology startup
- Performed crucial in vitro and in vivo assays to validate experiments for Phase I clinical trials
- Conducted basic statistical analyses on the experimental data

Saint Peter's University   Jersey City, NJ

Research Assistant, Department of Applied Science & Technology   Jun 2013 – Aug 2013

- Conducted research on differentiation of multi-potent stem cells for honors thesis
- Conducted two- academic year long in-vitro stem cell research for Honor's thesis
- Provided technical and research support to 5+ undergraduate students and professor with ongoing research

University of Medicine and Dentistry of New Jersey	Newark, NJ
Summer Intern, Samuel L. Baily Huntington's Disease Center	Jun 2011 – Aug 2011

- Worked with a geneticist: observed physician activity and patient treatment modality
- Compiled research for a paper to be published in the future

Skills

Programming Languages: R
Software: plink, LaTeX
Research Administration: Grant Writing, Proofreading, IRB documentation

Leadership Positions

Beta Beta Beta Biological Honor Society	President	Aug 2011 – May 2012
Pauw Wow, Student Newspaper of Saint Peter's	Science & Tech Editor	Aug 2011 – May 2012
Alpha Sigma Nu, Jesuit Honor Society	Secretary	Aug 2011 – May 2012

Awards

AIG Foundation Scholarship: awarded to one US undergraduate student per year	2008 – 2012
Joseph Scuh Scholar: Highest academic achievement in Biotechnology	2011 - 2012

Honor Societies: Beta Beta Beta (Biology), Alpha Sigma Nu (Jesuit), Gamma Sigma Epsilon (Chemistry)