

# ADITI G PATEL

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## Education

- Doctor of Medicine/  
Doctor of Philosophy**      Medicine, Health Outcomes & Policy  
**University of Florida**, Gainesville, FL  
UF Physician-Scientist Training Program – Awarded Full Tuition Waiver/Stipend  
Anticipated Date of Graduation – 2019
- 06/10 **Master in Public Health**      Biostatistics & Epidemiology, *Magna Cum Laude*  
**Drexel University**, Philadelphia, PA  
Dean's Scholarship – Awarded \$12000  
Dean's List: 2009 - 2010
- 06/08 **Bachelor of Science**      Biological Sciences, *Cum Laude with Distinction*  
**Drexel University**, Philadelphia, PA  
AJ Drexel Undergraduate Academic Scholarship – Awarded \$60000  
Dean's List: 2005 – 2008

## Honors and Awards

- Tri Beta – Biological Honor Society; Top 5% of Biological Science majors
- AmeriCorps Vista Community Volunteer Scholar – Awarded \$1300

## Current Experience

- 5/12 – Research Assistant. **University of Florida**. Gainesville, FL.
- *The Patient Care and Affordable Act instituted changes in the U.S. healthcare system, by funding for preventative services. Ten grants were given to ten states to research and demonstrate the cost-effectiveness and positive change in functional health status for those Medicaid populations that are offered incentivized services related to wellness.*
  - *UF serves as the external research quality review boards for the ACA grant given to the Texas Department of Health and Human Services to fund the Wellness Incentives Navigation (WIN) research study.*
  - *I conduct literature reviews and help write and submit grant proposals for this project.*
- 05/10 – Statistician. **Drexel University**. Philadelphia, PA.
- *Adult ADHD is an extensively researched behavioral disorder among diagnosed cases. However, the challenge is with the many undiagnosed individuals and its associated risk factors. Using qualitative and quantitative methods to evaluate the challenges, risk factors can be determined.*
  - *In collaboration with the Principle Investigator, we collect and analyze quantitative data from college participants in a pilot study. This study has led to the co-authorship of 7 manuscripts pending publication.*

## Research Experience

- 10/10 – 6/12 Principal Investigator/Statistician. **Monmouth County Department of Health**. Freehold, NJ.
- *Lyme disease (LD) is a communicable, vector-borne disease greatly effecting New Jersey. Many resources from the county and state level is directed towards controlling the mosquito-vector population as well as educating citizens in taking preventive measures against LD infection.*
  - *My work is in collaboration with the Monmouth County Department of Health to evaluate, modify, and implement a tool to measure baseline knowledge, preventative practices, and education resources in the department's effort towards improving lifestyle and health behavior of Lyme disease patients.*
- 09/07 – 06/10 Research Assistant. **Drexel University**. Philadelphia, PA.
- *The HIV/AIDS epidemic has a severe impact in the U.S. heterosexual male population within the African-American community. Our research examines the health and sexual risk behaviors of this population and their partners. The overall purpose of the multi-phase study is to learn how social factors such as poverty, racial discrimination, and incarceration shape normal gender roles, sexual scripts, and sexual risk behaviors with women.*
  - *I participated in all phases of the study: data collection, qualitative data coding, and analysis using industry standard software. I performed literature review and writing of multiple manuscripts.*

Currently, 2 manuscripts have been published from this study, one of which I am an author, with several manuscripts in preparation for publication.

- 02/06 – 02/07 Lab Assistant. Hahnemann Hospital. Philadelphia, PA.
- Training in aseptic lab techniques and maintenance of leukemia cell cultures in the study of radiation methods in cancer cytotoxicity.
  - I gained familiarity with proper laboratory protocol, mixing of reagents and maintenance of cell lines, Western blotting techniques, and development of radiation film.

### Publications

- L. Bowleg, M. Teti, JS Massie, **AG Patel**, DJ Malebranche, & JM Tschann. ‘What does it take to be a man? What is a real man?’: ideologies of masculinity and HIV sexual risk among Black heterosexual men. *Culture, Health, & Sexuality: An International Journal for Research, Intervention, and Care*, 13(5): 545-59 (2011).

### Leadership Experience

- 04/05 – 06/10 Directors of Cinema, Lectures & Diversity, Traditions. Campus Activities Board. Drexel University. Managed a budget of over \$30,000 for each department. Coordinated and executed the events and activities offered to undergraduate students.
- *Campus Activities Board (CAB) is the largest undergraduate association at Drexel University. A portion of the activities' fees, which are collected from every enrolled undergraduate, finance these operations with a total budget of up to \$300,000 annually.*
  - *During my sophomore, junior, and senior year of undergraduate education, I was promoted to the director positions of the Cinema, Lecture & Diversity, and Traditions departments, respectively. I managed a budget of \$30,000 for each department, using those funds to coordinate, plan, and successfully execute the events and activities offered to undergraduate students.*
  - *These roles have contributed to my growth as a leader on campus, in the effective methods to work with assistant directors, university administration, and external vendors, while being entrusted and accountable for university-based funding.*
- 06/06 – 06/08 Vice President. Tri Beta Biological Honor Society. Drexel University. Philadelphia, PA. Membership limited to top 5% of the biological sciences majors.
- *Instituted the annual Tri Beta Gala as a fundraising and networking opportunity for biological science students.*
- 09/11 – 03/11 Project Leader. Annual National Women's Health Conference. BAPS. Edison, NJ. Coordinated nine departments locally and state-wide to execute the event.
- *Instituted the annual event as a fundraising and networking opportunity for local female leaders of various faiths and cultures.*
  - *Co-wrote several speeches and moderated the panel discussion.*
  - *Attended by over 500 women playing active roles in the health, well-being, and spirituality of female members in their respective communities.*

### Teaching Experience

- 01/09 – 06/10 Teaching Lab Associate. Drexel University. Philadelphia, PA. Instruction and evaluation of 2 sections of 24 upper-class students in molecular biology lab techniques.
- *Enzyme-linked assays, SDS-PAGE gel electrophoresis, bioluminescent gene cloning*
- Instruction and evaluation of 3 sections of 24 first-year students in introductory lab techniques.
- *Catalase enzyme experiments, polymerase chain reaction, agarose gel electrophoresis*
- 03/10 – 06/10 Teaching Assistant. Drexel University. Philadelphia, PA.
- *I assisted a doctoral level qualitative research methods course to 15 graduate-students in computer laboratory instruction of qualitative data analysis software, NVivo.*

### Volunteering Experience

- 11/11 – 6/12 Board Member of Mental Health Commission Monmouth County Department of Health. Freehold, NJ.
- *Elected voluntary position which oversees the mental health resources of all of Monmouth County NJ, a resident population of 650,000.*
  - *A project I initiated and currently developing is one which facilitates psychiatrists, psychologists, and other mental health practitioners to provide more resources for the low-income, elderly population in the area.*

- 09/08 – 6/12 **Trained Crisis & Suicide Prevention Counselor. Greater Contact Philadelphia.** Philadelphia, PA.
- Ongoing 3-year service as a trained suicide prevention counselor: counseling acute and chronic mental health patients using reflective listening skills.
  - I received 40 hours of classroom and apprenticeship training. I have completed over 150 hours of voluntary service.
- 07/08 – 6/12 **ER & Oncology Floor Volunteer. Thomas Jefferson University Hospital.** Philadelphia, PA.
- Ongoing 3-year service as an ER and Oncology Department volunteer at Thomas Jefferson University Hospital with over 100 hours of patient-interactive services including visiting with and reading patients, helping nurses with restocking bedside supplies and fielding desk phone calls.
- 02/08 – 02/10 **Visiting Volunteer. Heartland Hospice Services.** Philadelphia, PA.
- 2-year service as a volunteer with Heartland Hospice Services with over 100 hours of patient-interactive services including visiting with and reading patients, running errands, and bringing groceries.
- 02/08 – 12/08 **Volunteer. Americorps Vista.** Philadelphia, PA.
- Volunteer in local community-based projects from coordinating activities for kindergarten to 8<sup>th</sup> grade students at St. Agnes elementary school, advising under-privileged high school students through the college application process, and preparing meals for HIV-positive patients.
  - I completed 507 hours of service in one year.

### **Skills**

- Programming Languages: SAS, R, Stata, SPSS/PASW, EpiInfo, NVivo
- Biological Techniques: Polymerase Chain Reaction, Western Blot, Gel Electrophoresis
- Languages: Fluent Gujarati, Conversational Spanish

### **Certifications**

- Certified Nursing Assistant (CNA); NJ License – December 2011 – Current
- Certified Public Health Professional (CPH); National License – August 2010 - Current
- Crisis/Suicide Prevention Counselor – September 2008 - Current

### **Interests**

- Long Distance Runner: 5K, 10K, Half-Marathon; Fencing: Intermediate Level; Bouldering & Rock Climbing