

**Naomi J. Patterson** (PhD student)

**PROFESSIONAL POSITIONS**

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**Tulane SPHTM, ARMHR Research Associate** Remote  
**Global Community Health and Behavior** (May 2020 - Present)

- **Independent Research:** Conducted qualitative interviews of community members in order to evaluate perceived risk, compliance with recommendations during COVID-19 pandemic as well as acceptability of a future COVID19 vaccine.
- **Analysis:** Resulting qualitative data was transcribed, coded and analyzed using Deduce software.
- **Deliverable:** Publication-ready paper on either perceived risk, proposed vaccine acceptability, or both.

**The Centers for Disease Control and Prevention (CDC), Laboratory Intern** Atlanta, GA  
**NCIRD/DVD/Viral Gastroenteritis Branch** (June 2017- August 2017)

- **Independent Research:** Composed and edited 22-page manuscript on lessons learned from polio vaccination programs to be applied to rotavirus vaccination programs and control, publication pending.
- **Laboratory Technique:** Developed proficiency in laboratory techniques related to gastroenteritis virus research including tissue culture and sterile technique.

**Emory University Rollins School of Public Health, Data Analyst** Atlanta, GA  
**Adult Congenital Heart Defect Project** (August 2016- February 2017)

- **Quantitative Analysis:** Screened medical records in REDCap for subsequent analysis and cleaning data evaluate long-term health and pregnancy outcomes of adults diagnosed with heart defects as children.

**Williams College, Laboratory Assistant** Williamstown, MA  
**Microbiology Lab, P.I. Banta** (September 2011 – June 2015)

- **Presentation Skills:** Synthesized and orally presented research on the immune response of the *Arabidopsis* plant to agrobacterium infection to stakeholders in the Biology, Chemistry and Physics Departments.
- **Quantitative Analysis:** Analyzed data and designed figures to clarify key research ideas.

**Williams College, Student Aide** Williamstown, MA  
**Health Center** (Dec. 2013- June 2015)

- Ran the front office in the after-hours campus health clinic including supplies preparation.

**Peabody Museum of Archaeology and Ethnology, Intern** Cambridge, MA  
**Paleoanthropology Lab, Dr. J. C. Barry** (Jan. 2015)

- **Quantitative Analysis:** Measured and analyzed data concerning the fossilized remains of mouse deer (*tragulid*) dating from 7-20 million years ago, in order to reconstruct their size and lifestyle.

**Harvard School of Public Health, Intern** Boston, MA  
**Immunology and Infectious Disease, P.I. Duraisingh** (June 2014 – August 2014)

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- **Laboratory Technique:** Using bioinformatics techniques, database mining and evaluation of hypothetical proteins, 10+ primers for PCR were designed and tested against invasion ligands to investigate the infection process of the understudied malaria parasite, *Plasmodium vivax*.
- **Presentation Skills:** Led a successful oral presentation about the above scientific research to colleagues and professors in HSPH's Immunology and Infectious Disease Department.

USAID, *Summer Hire*

**Democracy and Governance Office**

Cairo, Egypt

(June 2013)

- **Monitoring and Evaluation:** Evaluated and reviewed various grantee programs, including evaluating quarterly reports from 2008 to 2012 involving interviewing various Community Service Organizations, and prepared sections of a report.

**Helen Keller International, Intern**

Kathmandu, Nepal  
(Nov. 2010 – May 2011)

- **Mixed-Methods Research:** Conducted qualitative interviews, and developed surveys on nutritional deficiencies in adolescent girls in Nepal, culminating in an article published in The Kathmandu Post, "The need for iron & calcium".

## EDUCATION

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**Tulane University School of Public Health and Tropical Medicine**  
Global Community Health and Behavior Department

New Orleans, LA  
Ph.D. expected 2023

**Rollins School of Public Health, Emory University**  
Global Health Department, Concentration in Infectious Disease

Atlanta, GA  
Master of Public Health May 2018

**Williams College**  
Double Major in Biology and Anthropology

Williamstown, MA  
B.A. June 2015

## PEER REVIEWED ARTICLES

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1 article for the Journal of Adolescent Health

(Sept., 2020)

## UNPUBLISHED REPORT

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**Master's Thesis:** The Impact of Immune Activation on BCG Vaccine Response.

(May 2018)

## EXTRAMURAL RESEARCH FUNDING

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**Advanced Representation In Minority Health Research (ARMHR)**

(2020)

## CERTIFICATIONS

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**Collaborative Institutional Training Initiative (CITI):**

- Human Research (Curriculum Group)

## Naomi J. Patterson (PhD student)

- Group 2: Social and Behavioral Research Investigators and Key Personnel.

### TEACHING

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Williams College, *Teaching Associate*  
**Genetics (Biology 202) Lab**, Dr. Dean

Williamstown, MA  
(Sept. – Dec. 2013)

- Provided guidance for students during the laboratory section of the course.
- Held tutoring sessions and graded assignments.

Williams College, *Teaching Associate*  
**Biology 102 Lab**, Dr. Dean

Williamstown, MA  
(Feb. – May 2013)

- Provided guidance for students during the laboratory section of the course.
- Graded assignments and assisted with lab setup.

### VOLUNTEER ACTIVITIES

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**Volunteers in Medicine**, *Volunteer*

Hilton Head, SC (July 2015 – July 2016)

**Williams College Peer Health**, *Counselor*

Williamstown, MA  
(September 2012- May 2014)

- ***Interpersonal Skills / Conflict Management:*** Guided students through personal and academic difficulties as well as acting as a reference for problem solving and conflict resolution.

**Eastern Medicine Clinic**, Dr. S. Camper  
Independent Research, *Intern*

Williamstown, MA  
(March 2014 – May 2014)

- ***Independent Qualitative Research:*** Conducted qualitative interviews and literature review on the experience of practicing Eastern medicine in the Western world, culminating in a paper: “Superstition is silly: How professional legitimacy is created.”

**PROFESSIONAL REFERENCES AVAILABLE UPON REQUEST**