

# Domonique Weathers

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## EDUCATION

**Medical College of Wisconsin** June 2019- Present

Froedtert Menomonee Falls Hospital Family Medicine Residency Program

**Doctor of Osteopathic Medicine (D.O.)** August 2015-May 2019

*Nova Southeastern University, College of Osteopathic Medicine* Fort Lauderdale, FL

**Master of Science with a major in Biomedical Sciences** May 2014  
*Barry University* Hollywood, FL

**Bachelor of Arts in Sociology** May 2011  
*Fairfield University* Fairfield, CT

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## PROFESSIONAL EXPERIENCE

**Medical College of Wisconsin** June 2019-Present

*Froedtert Menomonee Falls Hospital Family Medicine Residency Program*

- Currently a second year Family Medicine Resident
- Evaluating and treating patients in the inpatient/outpatient setting

**Medical Scribe** July 2014- June 2015  
*Milwaukee Health Services* Milwaukee, WI

- Assisted a Family Medicine and Pediatric physician, as well as a Podiatrist with medical charting in real time
- Documented the chief complaint, HPI, and physical examination
- Updated physician on test results and imaging
- Recorded follow- up care

**PhysAssist Scribes Inc.** December 2011- June 2013  
*Aurora Healthcare Emergency Department* Milwaukee, WI

- Worked alongside medical providers in the emergency room
- Trained in medical terminology and abbreviations
- Input information into patients' medical charts in real time
- Documented the HPI, physical examination, and test results in real time, including scans and EKG interpretations
- Recorded all consults, follow- up care, and recommendations

**Health Assistant** June 2011- July 2011  
*John's Hopkins University: Center for Talented Youth* South Hadley, MA

- Worked alongside the head nurse for the summer
- Documented student visits to the clinic
- Provided basic First Aid
- Administered authorized medications to students
- Took students to doctor appointments and ER visits when necessary

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## RESEARCH EXPERIENCE

### **Nova Southeastern University College of Osteopathic Medicine**

October 2017- Present

#### *Obstetrician and Gynecology Department*

- Selected student researcher for President's Faculty Research and Development Grant entitled "The Efficacy of Genetic Biomarkers in Evaluating Precancerous Cervical Lesions".
- Served as Research Assistant to Dr. Alexis Renee M.D., M.B.A, M.P.H, F.A.C.O.G
- Explored Biogenetic markers that have been linked to the progressive transformation of HPV infection into invasive cervical cancer
- Determined if utilizing genetic markers with the Cervical DNA Dtex Test, at the time of initial screening for high-risk HPV strains or co-testing, can elucidate which infections have the potential of progression to cervical cancer.
- Examined the cost associated with unnecessary repeat screening in patients who are at low risk for progression of dysplasia and cervical cancer.
- Worked to ameliorate the knowledge gap physicians face when interpreting and integrating genetic biomarker screening with current guidelines of care
- Established evidence-based research on genetic testing for cervical cancer screening, providing basis for governing bodies to formulate updated guidelines with the highest rate of sensitivity and specificity

### **Laboratory Summer Internship**

June 2016- July 2016

#### *City of Milwaukee Health Department*

Milwaukee, WI

- Sterilized instruments used by the lab
- Plated different growth mediums utilized by the different laboratory departments
- Performed lead testing from samples collected by homes which included soil samples as well
- Assisted in cell splitting of 3 different cell cultures which included Hep 2, BGMK, Caco 2 in the Virology Department
- Performed PCR on samples collected from Children's Hospital
- Assisted in syphilis testing

### **Laboratory Research in Genetics**

September 2009- May 2010

#### *Department of Biology, Fairfield University*

Fairfield, CT

- Worked with *C. elegans* (microscopic worm)
  - Researched how to better understand genetic defects within the nuclear envelope and how they affect human health, particularly Progeria patients
  - Observed variables such as life span, amount of embryo genesis, as well as movement.
  - Performed data collection and entry
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## INVITED PODIUM PRESENTATIONS

### **Sigma Zi Poster Presentation**

April 2010

*Phenotypical Analysis of Nuclear Envelope Mutants in C. Elegans*

Fairfield, CT

Domonique Weathers, Undergraduate Student; Anita Fernandez, Ph.D, Chair of the Genetics Department at Fairfield University

### **Harvard University: New England Science Symposium**

April 2011

*Phenotypical Analysis of Nuclear Envelope Mutants in C. Elegans*

Boston, MA

Domonique Weathers, Undergraduate Student; Anita Fernandez, Ph.D, Chair of the Genetics Department at Fairfield University

### **Yale University: Global Health & Innovation**

April 2018

*The Efficacy of Genetic Biomarkers in Evaluating Precancerous Cervical Lesions*

New Haven, CT

Domonique Weathers, Medical Student; Dr. Alexis Renee M.D., M.B.A, M.P.H, F.A.C.O.G

### **Family Medicine Experience (FMX) Conference**

October 2020

(virtual)

*Sky High Triglycerides: Preventative Measures to Combat Hypertriglyceridemia Induced Pancreatitis*

2nd Author Domonique Weathers, Family Medicine Resident

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## COMMUNITY OUTREACH

### **Sigma Sigma Phi Peer Mentor**

January 2018- May 2019

*Sigma Sigma Phi National Honorary Osteopathic Service Fraternity*

- Served as a peer mentor to first and second year medical students
- Met with mentees to discuss and assist with upcoming classes, share helpful resources for classes, and how to prepare for the next year

### **PedsPals**

October 2016- May 2019

*Sigma Sigma Phi National Honorary Osteopathic Service Fraternity*

- Actively volunteered with *PedsPals*, which involved promoting the importance of literacy to children
- Participated in reading and playing games with children in the Pediatric ward at Joe DiMaggio Hospital

**Pre-Doc** October 2016- PMay 2019

*Sigma Sigma Phi National Honorary Osteopathic Service Fraternity*

- Served as a volunteer with *Pre-Doc*, which involved mentoring underserved high school students who were interested in attending medical school
- Participated in an open forum where students had the opportunity to ask/ receive advice about applying to medical school

**Read-on** October 2016- Present *Sigma Sigma Phi National Honorary Osteopathic Service Fraternity*

- Participated in *Read-on*, which involved reading and promoting the importance of literacy to children in the Pediatric ward at Memorial Regional Hospital

**CPR/ First Aid Instructor** August 2015- May 2019

- Taught middle school and high school students how to perform CPR and First Aid at Stranahan High Heart Saver

**Day for Children Festival** September 2015, 2016

- Taught children about different organs and their function
- Promoted the importance of literacy to children

**Movember Foundation** September 2015, 2016

- Helped to raise awareness about men's health issue by promoting these topics via social media
- Assisted in raising \$1000.00 in donations for the foundation

**Ronald McDonald House Charites** November 2013- May 2014  
*Volunteer* Miami, FL

- Assisted in organizing charity events to raise money for the House
- Prepared meals for the families living in the House
- Organized the food donations in the pantries
- Responsible for cleaning the dining hall and kitchen area

**Agape Community Center/ Medical Clinic**  
*Summer Volunteer*

June- July 2008, 2009  
Milwaukee, WI

- Worked alongside the head Nurse
- Learned how to read medical charts, performed blood pressure readings, and documented patient history
- Filled and labeled authorized prescriptions
- Observed doctor- patient visits

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HONORS & AWARDS

**Dr. Terrance N. Thomas Scholarship**

August 2009- May 2019

- \$2000.00 awarded to 11 students who are studying in the healthcare professions and maintain a 3.0 GPA

**Cream City Medical Society Scholarship**

August 2015

- \$1000.00 awarded to 10 African American students who are committed to studying in the healthcare profession at the doctoral level

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PROFESSIONAL SOCIETY MEMBERSHIPS

Sigma Sigma Phi National Honorary Osteopathic Service Fraternity	October 2016-May 2019
Student Osteopathic Association for Research (SOAR)	September 2015- May 2019
Student National Medical Association (SNMA)	September 2015- May 2019
Student Osteopathic Surgical Association (SOSA)	September 2015- May 2019
International Medical Outreach Club (IMOC)	September 2015- May 2019
Emergency Medicine Club	September 2015- May 2019
Pediatric Club	September 2015-May 2019

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CERTIFICATIONS

***CPR/ First Aid Instructor for American Heart Association***  
***HIPPAA and OSHA Certified***  
***Basic Life Support (BLS)***  
***Advance Cardiac Life Support (ACLS)***  
***NRP***

*August 2015- Present*  
*Present*  
*Present*  
*Present*  
*Present*