

MIAMI MILLER

1120 NW 14th Street, Apt 909, Miami, FL 33136
m.miller@med.miami.edu, (305) 243-1111

PROFILE

- Master of Public Health candidate with nearly three years clinical research experience
- Experienced in performing molecular biology, histological, and biochemical laboratory techniques
- Prepare manuscripts for publication by conducting literature reviews and illustrating data and figures utilizing Microsoft PowerPoint and CorelDraw
- Passionate about cancer research and prevention, particularly in low-income communities

EDUCATION

Master of Public Health, Cumulative GPA 3.8 May 2014
University of Miami, Miller School of Medicine, Miami, FL

Bachelor of Science in Biology, Minor in Chemistry, Magna Cum Laude May 2011
Florida State University, Tallahassee, FL

RESEARCH EXPERIENCE

Research Associate 2 January 2013 - Present
University of Miami, Sylvester Comprehensive Cancer Center, Miami, FL

- Perform molecular biology procedures including gene cloning, transfection, in vitro translation, PCR, CHIP assays, FACS analysis, Western blotting, immunohistochemistry, cell culture, protein isolation and purification
- Work with gynecological malignancies in animal models
- Collaborate with scientists, post-doctoral associates, and graduate students
- Schedule and perform experiments in research laboratory, interpret experimental data, and maintain accurate records
- Assist in the preparation of data and figures for manuscripts and for scientific presentations using PowerPoint and CorelDraw
- Search literature for references to technical problems, read technical journals and publications, and review manuscripts for peer-reviewed journals

Research Associate 1 July 2011 – December 2012
University of Miami, Miami Project to Cure Paralysis, Miami, FL

- Worked on a project designed to investigate the role of TNFR2 in a mouse model of multiple sclerosis, called experimental autoimmune encephalomyelitis (EAE)
- Performed in vivo studies using genetically modified mice
- Oversaw mouse colonies and managed the breeding process and genotyping
- Performed experiments involving histological, biochemical and molecular biology techniques
- Attended lab meetings, disseminated research results, participated in the publication of results, and assisted with laboratory maintenance

Summer Undergraduate Research Program

May 2010 – August 2010

Medical University of South Carolina, Charleston, SC

- Explored the prevalence of pressure ulcers in relation to the socio-economic status of a person with spinal cord injuries
- Conducted population-based cancer prevention and control research at a cancer education training session
- Entered data in SPSS and assisted faculty mentor and Ph.D. student to interpret data
- Contributed to final paper on the results indicating some of nation's highest rates of cancer disparities and the importance of cancer prevention outreach in minority communities

ADDITIONAL EXPERIENCE**Capstone Field Experience**

February 2013 – July 2013

Miami-Dade County Health Department, WIC Program, Miami, FL

- Observed nutrition counseling and education to pregnant and breastfeeding women
- Assisted health department staff with breastfeeding education presentations to pregnant mothers and explained benefits provided to women who exclusively breastfeed their babies including a free breast pump and WIC food package
- Interviewed women who participated in WIC when pregnant six months after they gave birth to determine benefits of pre-delivery breastfeeding education

Community Ambassador

August 2009 – May 2011

Florida State University, Center for Leadership & Social Change, Tallahassee, FL

- Served as a liaison between Southeastern Community Blood Center and FSU students
- Educated college students on the importance of donating blood and contacted student leaders to encourage student organizations to sponsor blood drives
- Collaborated with senior staff at the Blood Center to create educational and promotional materials on the benefits of donating blood for college students
- Updated social media sites including Facebook and Twitter to encourage more donations, educate the community, and increase marketing of the Center

PROFESSIONAL DEVELOPMENT

- Public Health Student Association, Philanthropy Liaison
- American Public Health Association, Student Member
- Consortium for a Healthier Miami-Dade, Health Promotion and Disease Prevention Committee

SERVICE & LEADERSHIP ACTIVITIES

- Ronald McDonald House Miami, Volunteer
- Alternative Spring Break with a focus on Early Childhood Education
- Habitat for Humanity – FSU Chapter

SKILLS

- Microsoft Word, Excel, PowerPoint, Access; CorelDraw
- Statistical software: SAS, SPSS, SUDAAN