

Tamara J. Martin
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Objectives

My objective is to influence and enhance the lives of individuals through Scientific Research.

Education

- Current Ph.D., student, Biology
Tennessee State University
Nashville, TN
- M.S. Degree, Biology
Tennessee State University
Nashville, TN
- B.S. Degree, Biology
Tennessee State University
Nashville, TN
- High School Diploma
East Literature Magnet High School
Nashville, TN

Organizations

- Delta Sigma Theta Sorority, Incorporated
- Beta Kappa Chi National Scientific Honor Society
- The National Honor Society of Phi Kappa Phi

Awards and Honors

- PhD Fellow, 2015-present, Title III POTUS Fellowship program, Tennessee State University
- 2nd place Award, 2015 University Wide Research Symposium
Tennessee State University

- 2nd place Award, 2011 University Wide Research Symposium
Tennessee State University
- 2nd place Award, 2010 University Wide Research Symposium
Tennessee State University
- BS/MD Program, 2008-2010 Meharry Medical College

Publications

Martin T., Whalen. M. “Exposures to the environmental toxicants pentachlorophenol (PCP) and Dichlorodiphenyltrichloroethane (DDT) modify secretion of interleukin 1-beta (IL-1 β) from human immune cells”. *Arch Toxicol.*, (2016). doi:10.1007/s00204-016-1829-1

Etherton R., Udoji F., Martin. T, Whalen. M “Immunosuppressive Effects of Triclosan, Nonylphenol, and DDT on Human Natural Killer Cells *In vitro*.” Journal of Immunotoxicology, MS ID UIMT -2009-0049.R2,2-1-10”

Hurd-Brown T., Udoji F., Martin T., Whalen.M. 2012. “Effects of DDT and Triclosan on Tumor-cell Binding Capacity and Cell-Surface Protein Expression of Human Natural Killer Cells”. *Journal of Appl. Toxicol.*, In press

Conference Presentations

- 2016, Black Doctoral Network, Hilton Garden Inn Hotel, Atlanta, GA
- 2016, Experimental Biology Conference (ASPET program), San Diego Convention Center, San Diego, CA
“Pentachlorophenol (PCP) and Dichlorodiphenyltrichloroethane may alter secretion of Interleukin 1- β from Human Immune Cells” (Poster Presentation)
- 2016, University-Wide Research Symposium, Tennessee State University, Nashville, TN
“Pentachlorophenol (PCP) and Dichlorodiphenyltrichloroethane may alter secretion of Interleukin 1- β from Human Immune Cells” (Poster Presentation)
- 2015, University-Wide Research Symposium, Tennessee State University, Nashville, TN
“Pentachlorophenol (PCP) Effects on Secretion of Interleukin 1- β from Human Immune Cells”
- 2010, TLSAMP Conference, Nashville, TN
“Immunosuppressive Effects of Triclosan, Nonylphenol, and DDT on Human Natural Killer Cells”
- 2010, The State Capitol, Nashville, TN
“Immunosuppressive Effects of Triclosan, Nonylphenol, and DDT on Human Natural Killer Cells”
- 2010, University-Wide Research Symposium, Tennessee State University, Nashville, TN
“Immunosuppressive Effects of Triclosan, Nonylphenol, and DDT on Human Natural

Killer Cells”

Work Experience

August 2013-current, Graduate Teaching Assistant, Tennessee State University

- Preparation of pedagogical content
- Distribution and grading of assessment materials
- Assisting students with the completion of assigned lab topics
- Maintaining a safe learning environment

September 2012-2014, Security Officer, U.S. Security

- Manage the security for the Asurion technology building.
- Responsibilities: To make sure building is secure and employees are safe

January 2012-May 2012, Lead Tutor, A plus education and training services

- Co-led a group of tutors at a school site for on-site tutoring at Tom Joy Elementary School.

August 2011-January 2012, Tutor, Aplus education and training services

- Tutored at-risk students in the subject of reading for grades 3rd and 5th.

August 2010-2011, Support Associate at Macy’s Department Store, Cool Spring Galleria

- Member of merchandising team
- Responsibilities: Placed clothing/store products throughout the store, worked with representatives from fashion companies in regards to clothing brand representation throughout store, and answered questions from customers.

2010-2011, Math & Science Tutor, Felicity Tutor

- Responsibilities: Provided tutoring in science and mathematics for K-12 students

Summer 2009, Counselor, Regent’s Math Academy, Tennessee State University

- Responsibilities: Mentored participants, and assisted with the day to day operations of the Academy

2005-2008, Piano Teacher, Self-Employed

- Responsibilities: Taught students how to read music, and play the piano

Leadership and Volunteer Experiences

2016, Organizer, Election Watch Party

- Responsibilities: Planned an Election Watch Party for the November 8th, 2016 election results.

2011-present, Co-organizer of voter registration drives, Delta Sigma Theta Sorority, Incorporated

- Responsibilities: Organize voter registration drives for unregistered voters and help to plan social Action events regarding to local/state/federal politics.

2009-2010, President of Beta Kappa Chi National Scientific Honor Society at Tennessee State University

- Responsibilities: To provide leadership to the local chapter, organize events, conduct meetings, and to ensure the chapter stays functional.

2008-2011, Volunteer, TSU Research Laboratory

- Responsibilities: Assisted with experiments concerning Environmental Contaminants interaction with the human immune system.

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2008-2009, Chairman of Fundraising, Reign Supreme, and Tennessee State University

- Responsibilities: To create fundraising events to cover organizational expenses, and fund the mentorship Program, Blue Sapphire.

2007-2011, Volunteer, American Red Cross, Nashville, TN

- Responsibilities: Data entry, preparing disaster teams, and other office duties.

References

Dr. Margaret Whalen, Professor, Tennessee State University (615-963-5247)

Terri Chapman, Former manager, Aplus tutoring company (615-448-7724)

Dr. Andrea Tyler, Director of Graduate Stem Research, Tennessee State University (615-963-5767)