

Curriculum Vitae

Margaret Michele Dawley

Current Education:

Currently enrolled in Ph. D. program at the Department of Chemistry, Georgia Institute of Technology, Atlanta, GA, projected date of graduation is May 2013

Major: Analytical Chemistry

Thesis Advisor: Dr. Thomas Orlando

Prior Education:

Master of Combined Sciences with major in Chemistry and minor in Biology

Mississippi College, Clinton, MS, May 2004

Overall Graduate GPA: 3.46; Chemistry GPA: 3.81

Bachelor of Science with major in Biology and minor in English (Cum Laude)

Mississippi College, Clinton, MS, May 2001

Overall Undergraduate GPA: 3.65; Biology GPA: 3.69

Research experience:

Member of EPICS research group of Dr. Thomas Orlando at Georgia Institute of Technology (May 2007-Present)

Topic: Studies of Terrestrial Mineral Grain Prebiotic Chemistry

Member of graduate research group of Dr. Edward J. Valente and Dr. G. Reid Bishop at Mississippi College (June 2003-May 2004)

Topic: Alkaline Hydrolysis of Trinitrotoluene and Stable Isotope Labeled Trinitrotoluenes

Talks and presentations:

Research Poster Presentation at the 56th Southeastern Regional Meeting 2004 of American Chemical Society in North Carolina, November 2004

Title: "2,4,6-tri-(15N)-nitrotoluene and Its Degradation by Aqueous Alkali"

Research Presentation at Mississippi College 6th Annual Graduate Research Forum, April 2004

Title: "Kinetics of 2,4,6-Trinitrotoluene Alkaline Hydrolysis"

Successfully Defended Thesis for partial fulfillment of Masters of Combined Sciences Degree in Department of Chemistry, Mississippi College, April 2004

Attended 24th Annual Undergraduate Research Conference at The University of Memphis, TN, February 2004

Research Poster Presentation at the 55th Southeastern Regional Meeting of the American Chemical Society in Atlanta, GA, November 2003

Title: "Kinetics of 2,4,6-Trinitrotoluene Alkaline Hydrolysis"

Seminar Presentation at the Mississippi College Department of Biology, May 2001
Title: "The Life of Plecopetera, Genus Agnetina"

Honors and achievements:

Recipient of GAANN Fellowship (2007-2008) from Georgia Institute of Technology

Member of American Chemical Society (2003-Present)

Member of Phi Lambda Upsilon, Honorary Chemical Society

Featured in 2002-2003 26th Annual edition of The National Dean's List

Featured in 2001-2002 edition of The National Dean's List

Dean's List Scholar at Mississippi College (Fall 1997, Fall 1998, Spring & Fall 1999, Spring 2001, Fall 2001)

President's List Scholar at Mississippi College (Spring 2000, Fall 2000)

Member of Alpha Lambda Delta, Mississippi College (1997)