

MARY ROBERT (NAHM) GARRETT

Centenary College of Louisiana
Department of Chemistry
2911 Centenary Boulevard
Shreveport, LA 71104
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Education and Research Experience

- 2002–2007 **Ph.D., Organic Chemistry** (May 2007)
University of North Carolina, Chapel Hill, NC
Thesis: *Nucleophilic Acylation of α,β -Unsaturated Amides and Nitrones*
Advisor: Professor Jeffrey S. Johnson
- 1998–2002 **B.A., Chemistry (French minor)**
Macalester College, St. Paul, MN
Undergraduate Research: *Synthesis of Hexaazaanthracene Derivatives Representing a New Family of Red Fluorescent Molecules*
Advisor: Professor Ronald G. Brisbois
- 2001 **Boston University Paris Internship Program**
Le Centre Hospitaliser National d'Ophthalmologie des Quinze-Vingts/Le Faculté de la Pharmacie, Paris, France
Examining the Toxicity of Eye-drops on Cultivated Cells
Advisor: Professor Jean-Michel Varnet

Teaching Experience

- Fall 2007–Present **Assistant Professor of Chemistry**
Centenary College of Louisiana, Shreveport, Louisiana
- 2003–2007 **Tutor, Organic Chemistry I and II**
- Spring 2007 **Substitute Lecturer, Professor Bessie Mbadugha**
Oxidation and Reduction of Carbonyl Compounds (Brown and Foote, 4th ed.)
Substitute Lecturer, Professor Carribeth Bliem
Periodic Table Trends (General Chemistry)
- 2006–2007 **Undergraduate Student Mentor, Professor Jeffrey S. Johnson's Lab**
- Spring 2006 **Substitute Lecturer, Professor Maurice Brookhart**
Chapter 10: Alcohols and Thiols (Brown & Foote, 4th ed.)
- Fall 2005 **Substitute Lecturer, Professor Thomas Sorrell**
Butane and Cyclohexane Ring Conformations (Sorrell, 2nd ed.)
- Fall 2004 **Chemistry Instructor, PharmCAT Preparation Course**
University of North Carolina, Chapel Hill, NC
- 2003–2004 **Organic Specialist, Chemistry Resource Center**
University of North Carolina, Chapel Hill, NC
- Spring 2003 **Teaching Assistant, Organic Chemistry II Lab**
- Fall 2002 **Head Lecturer and Teaching Assistant, General Chemistry I Lab**

Other Relevant Employment Experience

- 2000–2002 College Relations Assistant
Macalester College, St. Paul, MN

Professional Memberships

American Chemical Society (ACS) – Organic division
Chemistry Advocates for Safety and Health (CASH) – UNC
Council on Undergraduate Research (CUR)

Honors and Awards

2008 Cottrell College Science Award-\$41,271
2008 Centenary College Student/Faculty Summer Research Award-\$6,500
2008 Centenary College Summer Research Award-\$1,250
2002–2003 Francis P. Venable Fellow (UNC)
2002–2003 Associate of Chemistry Graduate Students First Year Representative (UNC)
2001–2002 Iota Sigma Pi National Honor Society

Publications

Garrett, M. R.; Tarr, J. C.; Johnson, J. S. "Enantioselective Metallophosphite-Catalyzed C-Acylation of Nitrones." *J. Am. Chem. Soc.* **2007**, *127*, 12944-12945.

Nahm, M. R.; Potnick, J. R.; White, P. S.; Johnson, J. S. "Metallophosphite-Catalyzed Asymmetric Acylation of α,β -Unsaturated Amides." *J. Am. Chem. Soc.* **2006**, *128*, 2751-2756.

Nahm, M. R.; Linghu, X.; Potnick, J. R.; Yates, C. M.; White, P. S.; Johnson, J. S. "Metallophosphite-Induced Nucleophilic Acylation of α,β -Unsaturated Amides: Facilitated Catalysis by a Diastereoselective Retro [1,4] Brook Rearrangement" *Angew. Chem. Int. Ed.* **2005**, *44*, 2377-2379.

Poster Presentation and Seminars

Nahm, M. R.; Potnick, J. R.; White, P. S.; Johnson, J. S. "Metallophosphite-Catalyzed Asymmetric Acylation of α,β -Unsaturated Amides," 39th National Organic Chemistry Symposium, Salt Lake City, Utah, June 12-16, 2005.

Nahm, M. R.; Potnick, J. R.; White, P. S.; Johnson, J. S. "Metallophosphite-Catalyzed Asymmetric Acylation of α,β -Unsaturated Amides and Nitrones," Macalester College, St. Paul, Minnesota, February 16, 2007.

Nahm, M. R.; Potnick, J. R.; White, P. S.; Johnson, J. S. "Metallophosphite-Catalyzed Asymmetric Acylation of α,β -Unsaturated Amides and Nitrones," American Chemical Society Meeting-Northwest Louisiana Section, Natchitoches, Louisiana, November 27, 2007.