

Amanda L. Silberstein

Professional and Academic Experience

Assistant Professor of Chemistry: Westmont College, Santa Barbara, CA

August 2015 to present

Taught introductory organic chemistry (CHM-101, CHM-102) and corresponding laboratory class (CHM-101L, CHM-102L)

Developed and taught advanced organic chemistry (CHM-160)

Designed and taught new advanced experimental organic chemistry laboratory (CHM-160L)

Taught introductory physical chemistry (CHM-135)

Supervised major honors and research students (CHM-198, CHM-199)

Postdoctoral Scholar:

Honors and Awards

Pfizer-UCLA Dissertation Award, 2014.

Chemistry Department Fellowship, 2014.

1. **Methodology for the Synthesis of the Antibacterial Drug Linezolid (Poster).** Amanda L. Silberstein, Stephen D. Ramgren, and Neil K. Garg, , Los Angeles, CA, February 2011.

Professional Memberships

American Chemical Society

Conferences and Seminars

Attended Southern California Undergraduate Research Conference, Mount Saint Mary's University, Los Angeles, CA; April 2019.

Attended American Chemical Society National Meeting, Orlando, FL, April 2019.

Participated in POGIL Workshop on Writing Laboratory Exercises, Westmont College; June 2018.

Participated in Mayterm Faith-Learning Seminar with Immigrant Hope; May 2017.

Attended American Chemical Society National Meeting, San Francisco, CA; April 2017.

Grants

Applied Professional Development Grant, Westmont College, CA; November 2019.

Applied for Organic Syntheses Research Grant for Faculty at Primarily Undergraduate Institutions; October 2019.

Applied for American Chemical Society Petroleum Research Fund Undergraduate New Investigator Research Grant; March 2017.

Participated in collaborative effort between biology and chemistry to prepare a Keck Foundation Grant; Awarded June 2017.

Participated in collaborative chemistry department application for a National Science Foundation Major Research Instrumentation grant; January 2017.

Undergraduates Supervised in Research and their Presentations

Terrel Armstrong (Spring 2020)

Worked on the development of a method for the borylation of aryl sulfamates.

Samantha Reiner (Spring 2020)

Worked on the development of a method for the borylation of aryl sulfamates.

Marliss Neal (Fall 2019, Fall 2020)

Working on the development of a method for the borylation of aryl sulfamates.

Maggie Hime (Fall 2019, Spring 2020, Summer 2020)

Worked on the development of a method for the borylation of aryl sulfamates.

Alyssa Avila (Summer 2019, Fall 2019, Spring 2020)

Working on the development of a method for the borylation of aryl sulfamates.

Presented a poster at the , Westmont College, October 2019. "Chemistry as Cheap as (a) Nickel; Nickel-Catalyzed Borylation of Aryl Sulfamates."

Presented a poster at the _____, Westmont College, October 2019. "Chemistry as Cheap as (a) Nickel; Nickel-Catalyzed Borylation of Aryl Sulfamates."

Festo Mugire Muhire (Spring 2019, Summer 2019)

Worked on the development of a method for the borylation of aryl sulfamates.

Presented a poster at the _____, Westmont College, October 2019. "Chemistry as Cheap as (a) Nickel; Nickel-Catalyzed Borylation of Aryl Sulfamates."

Rachel Schulz (Spring 2019, Fall 2019)

Landon Schluter (Spring 2017, Summer 2017, Fall 2017, Spring 2018)

Worked on the development of a method for the meta-arylation of aryl carbamates.
Presented a poster at the ACS National Meeting, Orlando, FL, Westmont College, September 2017. "Lord of the Aromatic Rings: Return of the Meta Position."
Presented a poster at the ACS National Meeting, Orlando, FL, Westmont College, April 2018. "Copper-Catalyzed Meta-Arylation of Aryl Carbamates."

Nick Taylor (Spring 2017, Fall 2017, Spring 2018, Summer 2018, Fall 2018, Spring 2019)

Working on the development of a method for the meta-arylation of aryl carbamates.
Presented a poster at the ACS National Meeting, Orlando, FL, Westmont College, April 2018. "Copper-Catalyzed Meta-Arylation of Aryl Carbamates."
Presented a poster at the ACS National Meeting, Orlando, FL, Westmont College, September 2018. "Discovering exceptions to well-established rules because Organic Chemistry is not hard enough as is: The Meta-arylation of Aryl Carbamates."
Completed major honors project, Westmont College, May 2019. "The Meta-Arylation of Aryl Carbamates."
Presented a poster at the ACS National Meeting, Orlando, FL, April 2019. "Meta-Arylation of Aryl Carbamates."
Presented a poster at the Southern California Undergraduate Research Conference, Mount Saint Mary's University, April 2019. "Meta-Arylation of Aryl Carbamates."
Presented a poster at the ACS National Meeting, Orlando, FL, Westmont College, April 2019. "Meta-Arylation of Aryl Carbamates."

Madeline Merriman (Spring 2017, Summer 2017, Fall 2017, Fall 2018, Spring 2019)

Worked on the development of a method for the borylation of aryl sulfamates.
Presented a poster at the ACS National Meeting, Orlando, FL, Westmont College, September 2017. "Chemical Cooking 101: How to Mix and Whisk Sulfamates and Nickel Catalyst to Prepare Scrumptious Boronic Esters (Just Don't Eat It!)."
Completed major honors project, Westmont College, May 2019. "Nickel Catalyzed Borylation of Aryl Sulfamates."
Presented a poster at the ACS National Meeting, Orlando, FL, Westmont College, April 2019. "Nickel Catalyzed Borylation of Aryl Sulfamates."

