

Rafael Ortiz

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Department of Chemistry

Room: STC 301

Education

Texas A&M University- Commerce

Fall 2017

Bachelor's of Science in Chemistry (A.C.S.)

Texas A&M University- Commerce

Fall 2017- Present

Master's of Science in Chemistry (Thesis)

Research Experience

The multiple conformational charge states of zinc(II)

Published September 2016

Coordination by 2His-2Cys oligopeptide investigated by

ion mobility - mass spectrometry, density functional theory and

theoretical collision cross sections: Zinc(II) coordination investigated by IM-MS

(DOI: 10.1002/jms.3846)

Current Research: Metal binding capabilities and the

Fall 2017-Present

resulting conformations of angiotensin I and II peptides when

Introduced to K, Na, Ca, Cu, and Zn ions.

Relevant Job Experience

Graduate Assistant Teacher- General Chemistry I/II

Fall 2017-Present

Assisted general chemistry students with experiments, provided insight in

mechanisms involved, and graded pre- and post- lab reports weekly.

Student Researcher

April 2015-August 2015

Paid student research position during the Summer 2015 semester.

Presented work to other student researchers and faculty members at TAMUC.