

## Curriculum Vitae

### Josmalen M. Ramos-Lewis, PhD.

El Centro College; STEM - Division  
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### Education

**Ph.D., Organic Chemistry** - Texas Tech University, Lubbock, TX

Dissertation Title: "Pericyclic Reactions & Pseudopericyclic Reactions: A Study of [1,5] Sigmatropic Rearrangements."

**M.S., Organic Chemistry** - Texas A&M University – Commerce, Commerce, TX

Thesis Title: "Novel Synthesis and Characterization of a Face-to-Face Porphyrin"

**B.S., Biochemistry & B.A., in Chemistry**

New Mexico State University, Las Cruces, NM

### Teaching Experience

• Courses Taught:			
CHEM 1411	General Chemistry I	Fall 2018	ECC
CHEM 1411	General Chemistry I	Spring 2019	ECC
CHEM 2325	Organic Chemistry II Lab	Fall 2018	ECC
CHEM 2325	Organic Chemistry II Lab	Spring 2019	ECC
CHEM 3201	Advanced Organic Chemistry Lab	YR: 2015-2018	TTU
CHEM 3105	Organic Chemistry I Lecture & Lab	YR: 2012-2018	TTU
CHEM 3106	Organic Chemistry II Lecture & Lab	YR: 2012-2018	TTU
CHEM 1409 CHEM 1411	General Chemistry for Allied Health General Chemistry I	YR: Fall 2009	RCC
MBIO 3400	Microbiology	Winter 2009	TTU
	General Biology I and II AP Biology	2004-2006	C-HS
	Conceptual Physics	2004-2006	C-HS

### Publications

1. MariJo Wienkers, Josmalen Ramos, Hikma Jemal, Chaz Cardenas, Paul Wiget, Alfreda Nelson, Shiloh Free, Jun Wu, Rebecca Roach, Marius Vulcan, Kristopher Waynant, Kyle Fort, Anna Vladimirova, Jeffery Sun, Samuel Eli Hunt, Dmitry M. Rudkevich, Stephen D. Starnes <sup>3</sup> *Enhanced Shape-Selective Recognition of Anion Guests through Complexation- Induced Organization of Porphyrin Hosts*,<sup>2</sup> Org. Letters **2012**, *14*, **6**, 1370-1373.
2. Josmalen M. Ramos-Lewis, Brett Casserly, Reed Nieman, Daniel K. Unruh, David M. Birney. "Study of the pseudopericyclic [1, 5]- hydrogen shift of a decalin-1, 8-dione. *In writing*."