



SoFlacs



Vol. 28, No. 2

South Florida Section American Chemical Society

February 2018

Section Meetings

Friday, February 2, 2018, 5:00 PM

**Holmes Hall 222,
Florida Gulf Coast University
10501 FGCU Blvd South, Fort Myers
followed by refreshments at 6:00 PM**

Gregory Boyce, PhD

Department of Chemistry & Physics
Florida Gulf Coast University

Recent Progress in Strain-Releasing Methodologies and Synthesis of Bioactive Natural Products



This seminar will focus on our recent progress on the development of new transformations for the efficient synthesis of natural products and relevant medicinal targets. We will present our recent studies on harnessing the strain-releasing reactivity of highly functionalized small rings in novel reactions. In addition, the concise syntheses of thujone and ginkgotoxin will be presented. Collaborative work on the detection of thujone and ginkgotoxin in plants will also be discussed.

Dr. Boyce received his Ph.D. in Organic Chemistry from the University of North Carolina at Chapel Hill in 2011, under the guidance of Prof. Jeffrey S. Johnson where he studied cascade reactions and silyl glyoxylate chemistry. He then began teaching as a Visiting Assistant Professor of Chemistry at Mercyhurst University in Erie, Pennsylvania before joining the faculty at FGCU in 2013 where he is currently an Assistant Professor of Chemistry. His research focuses on the development of synthetic methods and natural product synthesis.

**Noon, Monday January 29
Barry University, Twohig Hall 107
11300 NE 2nd Ave, Miami Shores
Orlando Acevedo, PhD**

SoFL-ACS Chair-Elect and Department of Chemistry, U. of Miami

Computational Organic and Medicinal Chemistry

