

## ORAL PRESENTATIONS

Rapid Fire Session, Metabolic Engineering 11, Kobe, Japan	June 2016
13th International Association of Plant Biotechnology Congress, Melbourne, Australia	Aug 2014
Invited talk, Thomas Jefferson Information Center, U.S. Embassy, Manila, Philippines	June 2014
44th Crop Science Society of the Philippines Conference, Cebu City, Philippines	May 2014
AIChE Western Regionals Conference, Second Place in Research Competition, San Diego, USA	April 2013
Stanford Summer EPGY Program for high school students, Palo Alto, USA	July 2013

## POSTER PRESENTATIONS

Metabolic Engineering 11, Kobe, Japan	June 2016
National AIChE Conference: Bioengineering	Nov 2013
Bio-X Interdisciplinary Initiatives Symposium, Stanford University	Aug 2013
David M. Mason Lecture Series, Chemical Engineering, Stanford University	April 2012, 2013
Symposium for Undergraduate Research and Public Service, Stanford University	Oct 2012
Chemical Engineering Undergraduate Research Colloquium, Stanford University	Sept 2012, 2011

## TEACHING EXPERIENCE

Teaching Assistant, Chemical Engineering Laboratory I	Spring 2016
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## SERVICE AT UNIVERSITY OF DELAWARE

Co-chair, Graduate Women In Engineering	Spring 2016 – present
Founding Member, Colburn Club STEM Outreach Program	Spring 2015 – present
President, Graduate Student Body for Dept. of Chemical and Biomolecular Engineering	Fall 2014 – present

## SKILLS

- $^{13}\text{C}$ -MFA to quantify fluxes in microbial systems.
- GC-MS, LC-MS, ICP-OES to identify and quantify plant and microbial metabolites.
- Derivatization and spectrofluorometric detection of target compounds.
- Bioinformatics, sequence analysis and manipulation of genomic comparison tools, *e.g.* BLAST, to identify candidate genes *in silico*
- Transposon mutagenesis and high-throughput screening of a mutant library.
- Molecular biology and recombinant DNA techniques in bacterial and plant hosts.

## RELEVANT COURSEWORK

Advanced Metabolic Engineering	Fall 2015
Biomaterials in Drug Delivery	Fall 2015
Systems Biology of Cells in Engineered Environments	Fall 2014

## LANGUAGES

English (proficient)  
Tagalog (fluent)  
French (conversational)