

Undergraduate Researcher Activities 2011-2012 Academic Year & Summer of 2012

Presentations (undergraduates are bold-faced)

Kelsey Klemm, J. Tyler Gish, Emily Measom, and Alvan C. Hengge. "Production of the Industrial Feedstock Chemical HMF From Algae." National Conference on Undergraduate Research, Ogden, UT, March 29 – 31, 2012.

Drake Smith and Joan Hevel. "Defining a Minimal PRMT5-like Activity in Yeast HSL7", National Conference on Undergraduate Research, Salt Lake City, UT, March 29-31, 2012.

Drake Smith and Joan Hevel. "Defining a Minimal PRMT5-like Activity in Yeast HSL7", USU Student Showcase, Logan, UT, April 3, 2012.

Drake Smith and Joan Hevel. "Investigating Pro-Ubiquitin as a Substrate for Arginine Methylation" Talk given at the American Heart Association RoundTable, Salt Lake City, UT, August 17, 2012.

Drake Smith and Joan Hevel. "Defining a Minimal PRMT5-like Activity in Yeast HSL7", USU Hansen Biochemistry Retreat, UT, September 24, 2011

Brooke Siler and Joan Hevel. "Understanding How rPRMT1 Interacts with its Substrates by Fusing the RKK Peptide to PRMT1" Talk given at the American Heart Association RoundTable, Salt Lake City, UT, August 17, 2012.

Brooke Siler and Joan Hevel. "Understanding How rPRMT1 Interacts with its Substrates by Fusing the RKK Peptide to PRMT1" Research on Capitol Hill, Salt Lake City, UT, **January 17**, 2012.

Brooke Siler and Joan Hevel. "Understanding How rPRMT1 Interacts with its Substrates by Fusing the RKK Peptide to PRMT1" National Conference on Undergraduate Research, Salt Lake City, UT, March 29-31, 2012.

Publications (undergraduates are bold-faced)

Fosso, M. Y.; **Chan, K. Y.**; **Gregory, R.**; Chang, C.-W. T. "Library Synthesis and Antibacterial Investigation of Cationic Anthraquinone Analogs." ACS Comb. Sci. 2012, 14, 231–235.

Chan, K. Y.; Zhang, J.; Chang, C.-W. T. "Mode of Action Investigation for the Antibacterial Cationic Anthraquinone Analogs." Bioorg. Med. Chem. Lett. 2011, 21, 6353-6356.

URCO/SURCO and COS Mini-Grant Awards

URCO/SURCO

Eric Elton (Berreau lab)
Tyler Gish (Hengge lab)
Taylor Wade (Hevel lab)
Drake Smith (Hevel lab)
Taylor Rasmussen (Hevel lab)

COS Mini-Grant Awards

Students participating in Chem 4800, Undergraduate Research Problems

Nationally Competitive Awards and Honors

American Heart Association Summer Research Fellowship

Drake Smith (Hevel)
Brooke Siler (Hevel)

Awards and Honors

Thomas M. Farley Chemistry Awards

ZACHARY ZABRISKI
ALIREZA FATAEI BOLOURCHI
TYLER TUELLER
DANIELLE PHILLIPS
ZACHARY CHRISTENSEN
ALEXANDRIA CAMPBELL

Irving Condie Frost Awards in Organic Chemistry

TYLER MCKINNON
JEREMIAH BEARSS

Harris O. and Eleanor Y. Van Orden Award in Analytical Chemistry/ACS Analytical Chemistry Award

CHRISTINA WILLIS

Harris O. and Eleanor Y. Van Orden Award in Biochemistry

BROOKE SILER

Harris O. and Eleanor Y. Van Orden Award in Inorganic Chemistry

ERIC ELTON

Garth L. Lee Scholars

DANIEL McDONALD
MAKDA GEBRE
CAMDEN HUNT

R. Gaurth Hansen, Ph.D. Endowed Scholarship Award

AURE J. STEWART

George H. and Billie Bush Emert Scholarship Award

HANS GUNTHER

The American Institute of Chemists Foundation Undergraduate Award

HEATHER TARBET

Maeser-Bauer Outstanding Graduating Senior in Chemistry

MARK E. NOBLE

Maeser-Bauer Outstanding Graduating Senior in Biochemistry

RUSSELL W. BUTLER

Undergraduate Research Awards

KELBY BOSSHARDT FACULTY MENTOR: SEAN JOHNSON

AMY CRANDAL FACULTY MENTOR: SEAN JOHNSON

MEGI REXHEPAJ FACULTY MENTOR: SEAN JOHNSON

HEATHER TARBET FACULTY MENTOR: JOANIE HEVEL