

The 2019 Organic Graduate Symposium

Friday, June 14, 2019 / 8:40 AM – 3:30 PM / 3440 Molecular Science Building
Supported by **Gordon Goldman '57** in Organic Chemistry

9:30 AM Introduction

9:40 AM Morgan Howe

“Luminescence and Rotational Dynamics of Amphidynamic Crystals”

- Advisor Prof. Miguel Garcia-Garibay
- ~ Introducer: Ieva Liepuoniute

10:00 AM Alex Wollenberg

“Diblock Copolypeptide Hydrogels for Drug Delivery and Stem Cell Grafting”

- Advisor Prof. Tim Deming
- ~ Introducer: Prof. Hosea Nelson

10:20 AM Lucas Morrill

“Enantioselective Total Synthesis of Akuammiline Alkaloid (-)- Ψ -Akuammigine”

- Advisor Prof. Neil Garg
- ~ Introducer: Joyann Barber

10:40 AM Joyann Barber

“Harnessing the Reactivity of Strained Allene Intermediates”

- Advisor Prof. Neil Garg
- ~ Introducer: Bryan Simmons

11:00 AM Bryan Simmons

“Understanding and Interrupting the Fischer Azaindolization Reaction”

- Advisor Prof. Neil Garg
- ~ Introducer: Lucas Morrill

11:20 AM Pesach Perlin

“Modification of poly(L-Homoallylglycine) for the Synthesis of Functional Thioethers”

- Advisor Prof. Tim Deming
- ~ Introducer: Eric Raftery

11:40 AM Eric Raftery

“Stimuli-Responsive NCAs for the Generation of Novel Biomaterials”

- Advisor Prof. Tim Deming
- ~ Introducer: Pesach Perlin

1:00 PM Lauren Seman

“A Putative Development Pathway; Microbiome – Bile Acid Cross Talk in the Biological Mechanism of Psychotropic-Induced Weight Gain”

- Advisor Dr. Erika Nurmi
- ~ Introducer: Dr. Erika Nurmi

1:20 PM Leibniz Hang

“Enzymatic cAT-alysis of a Highly Reducing Polyketide Synthase-Carnitine Acyltransferase Fusion Protein (HRPKS-cAT)”

- Advisor Prof. Yi Tang
- ~ Introducer: Janice Lin

1:40 PM Janice Lin

“Computational Studies of Electronic Organic Materials”

- Advisor Prof. Ken Houk
- ~ Introducer: Leibniz Hang

2:00 PM Adam Simon

“Theory and Modeling of Stereoselective Catalysis”

- Advisor Prof. Ken Houk
- ~ Introducer: Kersti Caddell Haatveit

2:20 PM Closing Remarks

2:30 PM Toast

Breakfast from ASUCLA Catering

8:40 AM – 9:30 AM

Lunch from Fundamental LA

12:00 PM – 1:00 PM