2017
August 10th

VANDERBILT INSTITUTE OF CHEMICAL BIOLOGY
STUDENT RESEARCH SYMPOSIUM
VANDERBILT STUDENT LIFE CENTER

MORNING SESSION	
7:30 am - 8:30 am	**COFFEE & POSTER HANGING**
8:30 am - 8:45 am	**WELCOME** (Larry Marnett, Dean of Basic Sciences)
ORAL SESSION I *Therapeutics, Translation and Chemical Synthesis* (Evan Perry, Chair)	
8:45 am - 9:05 am	**Nicole Perry** (Gurevich Lab) **–** *"Arrestin-3 Mediated Scaffolding of the ASK1-MKK4/7-JNK3 Cascade Components"*
9:05 am - 9:25 am	**James Poland** (McClean Lab) **– "***Utilizing an Untargeted Ion Mobility-Mass Spectrometry Method to Profile the Gut Metabolome"*
9:25 am – 10:00 am	**Alex Waterson** (Director, VCCDD) **–** *"Discovery of Cell Active Inhibitors of Lactate Dehydrogenase using Structure-Based Design"*
10:00 am - 10:30 am	**BREAK**
ORAL SESSION II *Molecular Discovery and Systems Analysis* (Jacob Choby, Chair)	
10:30 am - 10:50 am	**Lisa Lojek** (Skaar Lab) **–** *"The IsdG Family of Heme Oxygenases is Conserved Across Domains"*
10:50 am - 11:10 am	**Nichole Lareau** (Caprioli Lab) **–** *"Imaging Mass Spectrometry Provides Molecular Insights into Diabetic Kidney Disease"*
11:10 am - 11:45 am	**Brian Bachmann** (Professor of Chemistry) **– "***Natural Product Discovery for Precision Medicine"*
11:45 am – 1:00 pm	**LUNCH & POSTER VIEWING**
AFTERNOON SESSION	
ORAL SESSION III *VICB Prize Winner and Runner Up* (Audrey Ynigez, Chair)	
1:00 pm - 1:30 pm	**Suzanne Batiste (Johnston Lab) –** *"Illuminating the Dark Side of Natural Products"*
1:30 pm - 2:10 pm	**AWARDEE FOR PRIZE IN CHEMICAL BIOLOGY** **Michelle Mitchener (Marnett Lab) –** *"Oxidation of the Lipid and DNA Peroxidation-Derived DNA Adduct M1dG to 6-oxo-M1dG in Genomic DNA"*
2:10 pm - 2:30 pm	**BREAK**
2:30 pm - 3:30 pm	**KEYNOTE SPEAKER: Anna Mapp (University of Michigan) –** "*From Fuzzy to Function: The New Frontier of Protein-Protein Interactions*" (James Wepy, Chair)
3:30 pm - 5:00 pm	**RECEPTION, POSTER VIEWING & AWARDS**

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to IMPROVE HUMAN HEALTH