

2015 Graduating Seniors Awarded Departmental High or Highest Honors

Student	Research Mentor	Honors	Senior Thesis
Eric Chan	Kauzlarich	High	Synthesis of Hollow Germanium Nanoparticles Utilizing Galvanic Exchange
Jessica Greene	Lebrilla	Highest	Oligosaccharide Profiles of Common Weaning Foods
Hailey Hibbard	Franz	Highest	Catalytic Ability of NaBARF in Carbon-Carbon Bond Forming Reactions
Giang Ho	Chen	High	Reconstruction of Uncleaved Polyprotein 1 Coxsackie Virus Type B3 Particles
Blanka Hodur	Shaw	Highest	Light-Activated MRI Contrast Agents for Application towards <i>In Vivo</i> Cell Tracking
Airi Kawamura	Kauzlarich	Highest	New Rock Salt Composites and Zintl Phases and their Potential for High Efficiency Thermoelectric Properties
Christie Lee	Chen	High	Engineering <i>Pasteurella multocida</i> sialyltransferase 1 (PmST1) by mutagenesis
Eric Lovejoy	Lebrilla	Highest	Mass spectrometry analysis of glycoproteins
Jennifer Muncan	Schore	High	HpCgtA – A Novel Galactosyltransferase from <i>Helicobacter pylori</i> J99
Brian Shao	Chen	Highest	One-Pot Multi-Enzyme (OPME) Synthesis of Heparan Sulfate Oligosaccharide Analogs
Galen Shearn-Nance	Shaw	High	Synthesis of Gyramides, Progress Towards the Total Synthesis of Kibdelomycin and Amycolamycin, and Development of a Method for the Formation of Esters by <i>in-situ</i> Formation and Trapping of Diazoalkanes
Xue Sheng	Chen	Highest	Synthesis of Differentially Disubstituted Polythiophenes
Catherine Sierra	Toney	Highest	Engineered Amyloid Fibril Functionalization Utilizing a Hexahistidine tag
Michael St. Peter	Shaw	Highest	Synthesis of Bisavanthramine B
Zi Yao	Shaw	Highest	Discovery of New Small Molecule Inhibitors of the Bacterial Cell Division Protein FtsZ