

OCSE FUSE Awards Fall 2017

Student	Faculty Mentor	Department	Title
Audrey Alexander	Leslie North	Geography and Geology	Carbon Footprint: Achieving a Carbon Neutral Conference
Noah Anderson	Gordon Smith	SEAS	Thermoacoustic Engine
Audrey Barnett	Dominique Gumirakiza	Agriculture	Investigation of Farm Management Practices Among Small and Medium Size Farms in Kentucky
Kaitlyn Barriere	Amy Brausch	Psychological Sciences	The relationship between sexual assault history, resilience, and self-harm behaviors in women
Dana Biechele-Spreziale	Rui Zhang	Chemistry	Photochemical generation and kinetic studies of high-valent manganese-oxo corroles
Chelsea Denhard	Diane Lickenbrock	Psychological Sciences	Associations between Parent Involvement, Infant Temperament, and Parent Affect during Early Infancy
Ava Ferguson	Amy Brausch	Psychological Sciences	The role of trauma and resilience in the relationship between sexual assault and bulimia symptoms
Jason Fox	Leslie North	Geography and Geology	Framework Development for Communication of Sustainable Best Practices within the Iceland Whale Watching Industry
Anthony Graham	Fatemah Orooji	SEAS (Architecture and Manufacturing Sciences)	Amphibious House: A Novel Flood Mitigation Strategy
Skyler Hornback	Edwin Stevens	Chemistry	Experimental Electron Distributions of the Antiestrogenic Drugs Tamoxifen and Raloxifene
William Hornsby	Andrew Mienaltowski	Psychological Sciences	BIS/BAS Assessing Personality
Mary Husk	Chandrakanth Emani	Biology	Spinach tissue culture extracts as plant based treatment options for cancer
Colleen Jackson	Blairanne Williams	Chemistry	Investigating Reactivity between novel Platinum compounds and the Cell
Benjamin Kash	Rui Zhang	Chemistry	Biomimetic study of high-valent porphyrin-metal-oxo derivatives generated by photochemical approach
Shelby King	Andrew Mienaltowski	Psychological Sciences	Older adults' peripheral detection of emotion in faces
Mara Krempel	John Houryieh	SEAS (Architecture and Manufacturing Sciences)	Effect of ionic strength on the physical and oxidative stabilities of whey protein-stabilized fish oil-in-water emulsions containing xanthan-locust bean complexes

Kayla Peveler	Chandrakanth Emani	Biology	Thyme Tissue Culture Extracts as Plant-Based Treatment for Cancer
Allison Rinne	Andrew Mienaltowski	Psychological Sciences	Young Adults Perception of Peripheral Emotional Facial Expressions
Rhiannon Scott	Patricia Kambesis	Geography and Geology	Tsunami activity on the Northeast Coast of the Yucatan Peninsula, Quintana Roo, Mexico
Kayla Steward	Matthew Nee	Chemistry	Varying Photocatalyst Embedded in Buoyant PMDS Beads to Remove Organic Pollutants from Water
Tabatha Stratton	Jennifer Gill	Agriculture	Alternative Hoof Care in Equine