

# IKBSAS Undergraduate Research Conference

## Oral Presentations

2017

Presenter		Chair	Room	Time	Supervisor	Abstract Title
Kate	ALEXANDER	Soheil Mahmoud	EME 1153	1:20 – 1:40	Miranda Hart	Trimming grapevine roots: The effect on vine health and root microbial activity
Cara	ALEXANDER	Jake Bobowski	EME 1153	3 - 3:20	Rasika Rajapakshe Christina Haston	Effect of Computed Tomography Slice Thickness on Calculated Coronary Artery Calcium Score in the Assessment of Possible Radiation Induced Cardiac Toxicity
Ramie	ALI-ADEEB	Warren Hare	EME 1151	11:20 - 11:40	Andrew Jirasek	The Development and Application of Raman Spectroscopy for Clinical Use
Conor	BARRIE	Richard Plunkett	EME 1121	1:40 - 2	Melanie Jones Louise Nelson	Effects of Organic Compost, on Soil Microbiology and Chemistry, in a Highly Degraded Former Ponderosa Pine Forest Landing.
Matthew	BASSO	Jill Robinson	EME 1153	2:40 - 3	Andrew Jirasek	Automation of Raman Spectroscopy for Detection of Damage in Irradiated Biological Material
Hoi Pan	CHENG	Melanie Jones	EME 1121	10 - 10:20	Brian O'Connor	Perceiver and message characteristics as predictors of reactions to online product reviews
Joshua	CHIN	Derrick Wirtz	EME 1153	10:40 - 11	Jan Cioe	Fitspiration on Instagram: Healthy Lifestyles on Social Media and Body Image
Brianna	CLARK	Isaac Li	EME 1151	10:40 -11	Frederic Menard	Study of glutamate receptors in astrocytes via imaging and electrophysiology
Anthony	CULOS	Wayne Broughton	EME 1151	12:40 - 1	Jeff Andrews	Model-Based Clustering With The Artificial Bee Colony Algorithm
Brandon	CURRIE	Rebecca Tyson	EME 1121	11 - 11:20	Michael Woodworth	Perceptions and proclivity towards sexual assault: The role of attitudinal factors and personality variables

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Jacqueline	DUBREUIL	Jill Robinson	EME 1153	2:20 - 2:40	Jake Bobowski	Magnetic Permeability at Microwave Frequencies Measured using a Toroidal Split-Ring Resonator
Katelyn	FLECHL	Hugo DeBurgos	EME 1101	11:20 - 11:40	Julien Vernet	Devoted to the Cause: An Examination of the Formation and Evolution of the Marquis de Lafayette's Republican Ideals
Lina	GOMEZ	Stephanie Hobbis	EME 1101	12:40 - 1	Julien Picault	26 years of Controversy in the Jumbo Valley
Christy	GRENON	Jan Cioe	EME 1153	11 - 11:20	Mark Holder Derrick Wirtz	Examining the Relationship Between Online Self-Monitoring, Well-Being, and Attachment
Christy	GRENON	Corrina Thomsen	EME 1153	11:40 - 12	Mark Holder	The Influence of Social Attachment and Social Networking Site Usage on Happiness, Self-Esteem, and Loneliness
Michelle	HAWKINS	Bruce Mathieson	EME 1121	11:40 - 12	Soheil Mahmoud	Investigation into the regulation of monoterpene precursor partitioning by GPPS in <i>Lavandula angustifolia</i>
Louis	HENDERSON	Margo Tamez	EME 1101	11 - 11:20	Julien Vernet	"Real fire, this food of Louisiana!": Food Choice, Consumption, and Class in Colonial Louisiana
Lauren	HOTCHKISS	Kaylee Misener	EME 1151	1:20 - 1:40	Derrick Wirtz	Examining the Impact of Helping on Meaning in Work, Job Satisfaction, and Well-Being Using ESM
Eric	HUANG	Stefanie Ciszewski	EME 1101	2:20 - 2:40	Ramon Lawrence	Efficient Interactive Text Playback for Code Sharing and Tutorials
Megan	JEFFRIES	Karen Perry	EME 1101	10:20 - 10:40	Philip Barker	Investigating Palmitoylation of Tumor Necrosis Factor Receptor Superfamily Members TROY
Mina	KIANI	Isaac Li	EME 1151	10:20 - 10:40	Frederic Menard	Dynamic distribution of L-type voltage-gated calcium channels in astrocytes via in vitro fluorescent labeling

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Justin	KING	Isaac Li	EME 1151	10 - 10:20	Bruce Mathieson	Neurosteroids: How to control the "birth" of new neurons in the adult brain
Bret	KLEIN	Warren Hare	EME 1151	11:40 - 12	Jesse Tanguay	Further Developements in the Mathematical Framework of Single Photon Counting X-Ray Detectors
Justine	KNIERT	Margo Tamez	EME 1101	10:40 - 11	Sanjoy Ghosh	How cellular lipid peroxidation is affected by the way we eat
Jeffrey	KRUPA	Jake Bobowski	EME 1153	3:20 - 3:40	Jonathan Holzman Murray Neuman	Towards precise ultrafast pump-probe spectroscopy measurements with an optical pump and a terahertz probe
Trina	KUSHNERIK	Melanie Jones	EME 1121	10:20 - 10:40	Mark Holder	An Experimental Investigation of Directional Implicit Theories of Well-Being
Sukhjeevin	LALLY	Rebecca Tyson	EME 1121	11:20 - 11:40	Leslie Lutes Mary Jung	Motives for Exercise Behaviour among Female Undergraduate Students
Bo Wen	LIU	Wayne Broughton	EME 1151	1 - 1:20	Ian Walker	Reconstructing the Holocene Paleoclimate in coastal British Columbia from pollen preserved in subalpine lake sediment.
Becky	LOVEROCK	Stephanie Hobbis	EME 1101	1 - 1:20	Miranda Hart	Follow the leader: An evaluation of gender portrayal in high profile scientific publications.
Spencer	MACBETH	Chayne Planiden	EME 1101	1:20 - 1:40	Ramon Lawrence	Linear Hashing for Flash Memory on Resource-Constrained Microprocessors
Faye	MANNING	Bruce Mathieson	EME 1121	12:40 - 1	Ian Walker	Seagrass Vegetative Fragment Formation: Species in Singapore and how they differ
Jordan	MCKENZIE	Karen Perry	EME 1101	10 - 10:20	Andis Klegeris	Doramapimod and Methyl Jasmonate as Inhibitors of Neuroinflammation

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Alexander	MONAGHAN	Soheil Mahmoud	EME 1153	1:40 - 2	Philip Barker	Investigation of the Interactome of the Tumor Necrosis Factor Receptor Superfamily Members p75NTR and DR6
Liam	NOLAN	Corrina Thomsen	EME 1153	12:40 - 1	Louise Nelson	Comparison of efficacy of <i>Pseudomonas fluorescens</i> isolate 4-6 to commercially available control agents for the suppression of postharvest disease caused by three <i>Penicillium expansum</i> strains on Ambrosia and McIntosh apples
Benjamin	NOYOVITZ	Warren Hare	EME 1151	11 - 11:20	Susan Murch	Breadfruit latex: a novel source of natural biopolymers
Kelly	PANCHYSHYN	Hugo DeBurgos	EME 1101	11:40 - 12	Margo Tamez	IN(DIG)ITAL: Exploring Indigenous Adaptation of Digital Technology in Northern and Rural Environments.
Ashleigh	PARKER	Jan Cioe	EME 1153	11:20 - 11:40	Maya Libben	The New Normal: Creating an Updated Corpus of Norms for Five Neuropsychological Assessment Measures
Shanika	RAJAPAKSHE	Chayne Planiden	EME 1101	1:40 - 2	Ramon Lawrence	Using Natural Language Processing to Extract Information from Clinical Text
Amanda	SAMBRIELAZ	Richard Plunkett	EME 1121	1 - 1:20	Louise Nelson	Siderophore production by <i>Pseudomonas fluorescens</i> as a potential mode of action in control of postharvest disease in apple.
Anastasia	SKOBKAREVA	Melanie Jones	EME 1121	10:40 - 11	Michael Woodworth	Violent Juvenile Offenders: Examination of Risk and Protective Factors
Michael	TARNOWYCZ	Corrina Thomsen	EME 1153	1 - 1:20	Soheil Mahmoud	Monoterpene Trafficking in Lavender: a Study to Link Monoterpene Secretion in Essential Oil Producing Plants to ABC Transporters
Emilie	TREMBLAY	Richard Plunkett	EME 1121	1:20 - 1:40	Louise Nelson	<i>Pseudomonas</i> spp. as biocontrol agents to mitigate the effects of fungal pathogens in cherry orchards

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Aravis	WALTERS	Stefanie Ciszewski	EME 1101	2:40 - 3	Jan Cioe	Differences Between the Etiology of Pedophilia and the Factors that Lead to Offense
Emily	WILSON	Kaylee Misener	EME 1151	1:40 – 2	John Hopkinson	Non-Magnetic Defect Ordering on a Frustrated Lattice
Alissa	YARGEAU	Derrick Wirtz	EME 1153	10:20 - 10:40	Jan Cioe	Gender Differences in Sexual Fantasies
Iman	ZAHIRFAR	Derrick Wirtz	EME 1153	10 - 10:20	Jan Cioe	Since He Spent a lot of Money on Her, it's OK for Her to be Raped?