

Student Name	Department	Research Project Title
Alexa Agne	Applied Health (71025)	Effects of a short-term aerobic interval exercise program on cardiac fat and function in women with obesity: A pilot study.
Kelly Baker	Art and Design (71050)	Towards an Art Therapy Praxis Grounded in Liberation Psychology
Mariah Picarsic	Art and Design (71050)	Cultural Humility and Therapeutic Alliance in Art Therapy
Silas Coggeshall	Art and Design (71050)	Reinvigorating Still Life Painting with Technology
Yolanda Vidal	Art and Design (71050)	Murals Promoting Reflection of Community Social Identity
Amy Docter	Biological Sciences (71450)	Behavior and Activity Patterns of the Illinois Chorus Frog ( <i>Pseudacris streckeri illinoensis</i> ).
Andrew Pyszka	Biological Sciences (71450)	Changes in species composition and diversity of loess hill prairies in SW Illinois
Carly Cameron	Biological Sciences (71450)	Effects of repeated long-term exposure to electronic cigarette vapors compared to cigarette smoke in normal and cancerous oral cells
Jordan Robinson	Biological Sciences (71450)	Identifying Type VI Secretion System excreted proteins during direct co-culture competition
Logan Phillips	Biological Sciences (71450)	Community Response of Wetland Vegetation from Non-Native Plants
Paige Niepoetter	Biological Sciences (71450)	Evaluating Mental and Physical Exhaustion Secondary to Voluntary Wheel Running or Intermittent Fasting in Obese and Non-Obese Rats
Rebecca Corzine	Biological Sciences (71450)	Assessing Nutritional Programming in <i>Perca flavescens</i> using Real-time PCR
Sydney Tomaschke	Biological Sciences (71450)	Does tolerance and preference for ethanol vary due to age or behavioral group in honeybees ( <i>Apis mellifera</i> )?
Jasmin Ruiz	Chemistry (71850)	The formulation and analysis of varying Eu <sub>2</sub> O <sub>3</sub> doping of TeO <sub>2</sub> -ZnO-Na <sub>2</sub> O glasses.

Meimei Song	Chemistry (71850)	Structural Effects on the Temperature Dependence of Kinetic Isotope Effects in Hydride Transfer Reactions in Solution
Charles Stacey	Electrical and Computer Engineering (731	Development of the CVIPtools Automatic Test and Analysis Tool with applications to thermographic imaging.
Hridoy Biswas	Electrical and Computer Engineering (731	Detection Of Diabetic Retinopathy Using Feature Based Machine Learning And Deep Learning Using CNN
Carolyn Banks	Environmental Sciences (73800)	Exploring Environmental Monitoring's Effects on Youth's Environmental Perceptions
Brandon Hickey	Mechanical and Mechatronics Engineerin	Development of Drone Swarms and Position Estimation Methods
Krishna Vamsee Duggaraju	Mechanical and Mechatronics Engineerin	Modelling an Autonomous mobile robot which detects Traffic signs and Road surface
Panporn Orkweha	Mechanical and Mechatronics Engineerin	Development of Robotic Technologies Tailored for Precision Agriculture
Eric Lodholz	Pharmaceutical Sciences (76430)	Modulation of Intracellular Calcium Concentration by Sigma-1 Receptor Ligands in BV2 Cells
Matthew Butler	Pharmaceutical Sciences (76430)	Presence of Antifreeze Glycoproteins and Pathogens in Local Tick Vectors
Caralee Lynch	Psychology (77350)	The Effects of Workplace Friendship on Employee Net Promoter Scores while evaluating the meditational role of Organizational Commitment
Corrin Stines	Psychology (77350)	How State Empathy and Perspective Shape Recall in Healthy and Brain-Injured Participants
Krueger Keene	Psychology (77350)	An Effective Onboarding Process: Decreasing Role Ambiguity and Role Conflict and Increasing Employee Acclimation to Increase Employee Job Satisfaction
Ryan Raymond	Psychology (77350)	Examining The Interrelationships Among Autonomy Support, Vocational Interest Congruency, Intrinsic and Identified Motivation, and Work Engagement

Shelby Wilfong	Psychology (77350)	How Gender and Parental Stereotypes Influence Financial and Career Outcomes for Mothers
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