

2024 Student Scholarship Expo Award Winners

President's Awards

The President's Award for a Graduate Student

Olivia Arnett

Impact of a Lymphedema Screening Tool in Postsurgical Breast Cancer Patients

under the mentorship of Dr. Katherine Bloompott, Nursing

The President's Award for an Undergraduate

Adrianna Gonnella

Sensory Analysis of the Partial Substitution of Edible Mealworms for Corn Flour in a Plant-Based Food Nugget

under the mentorship of Dr. David Olds, Family and Consumer Sciences

The Susan Brill de Ramirez and Antonio Ramirez Barron Provost's Awards

The Susan Brill de Ramirez and Antonio Ramirez Barron Provost Award for a Graduate Student

Iliana Smiser and Joey De Matteo

Blood Flow Restriction Therapy for Functional Improvements in a Patient with Multiple Sclerosis: A Case Study

under the mentorship of Dr. Joseph Kelly, Physical Therapy and Health Science

The Susan Brill de Ramirez and Antonio Ramirez Barron Provost Award for an Undergraduate

Helen Yoo

Design, Synthesis, and Characterization of Hydrogel Nanoparticles as Protein Affinity Reagents

under the mentorship of Dr. Adam Maley, Chemistry and Biochemistry

Dean's Awards

College of Liberal Arts and Sciences

The College of Liberal Arts and Sciences Award in the Social Sciences for an Undergraduate

Amanda Allgeier, Isabella DaSilva, Camryn Picken, Emma Rogers, Makenna Metoyer, Madeline Swanberg, Nina Escobar-Adorno, Regan Jankovic, Val Weinberg, and Kylie Kruijs

Emerging Adults' Anticipated Work-Family Conflict: Gender and Political Views Matter

under the mentorship of Dr. Claire Etaugh, Psychology

The College of Liberal Arts and Sciences Award in the Natural Sciences for a Graduate Student

Tyler McMahon

Effects of Controlled Burning and Grazing on Macro-Moth Diversity in Illinois Tallgrass Prairie

under the mentorship of Dr. Anant Deshwal, Biology

The College of Liberal Arts and Sciences Award in Biology for an Undergraduate

Emma White and Seth Stidham

Putative MUS81 nuclease-associated importin expression and evaluation during DNA repair and conjugation in Tetrahymena thermophila

under the mentorship of Dr. Naomi Stover, Biology

The College of Liberal Arts and Sciences Award in Chemistry for an Undergraduate

Kaitlyn Walls

Comparative quantitative analysis of fructose in high-fructose corn syrup sweetened beverages using refractometry and Raman spectroscopy

under the mentorship of Dr. Dean Campbell, Chemistry and Biochemistry

The College of Liberal Arts and Sciences Award in Computer Science and Mathematical Sciences for a Graduate student

Sindhu Paruchuri and Vijay Vudumula

Machine Learning based Autonomous Vehicle Lane Change Prediction

under the mentorship of Dr. Nawaz Ali, Computer Science and Information Systems

The College of Liberal Arts and Sciences Award in Computer Science and Mathematical Sciences for an Undergraduate Student

Andrew Radicker

The Hadwiger-Nelson Problem, Mycielski's Construction, and Cones Over Graphs

under the mentorship of Dr. Michael Lang, Mathematics

The College of Liberal Arts and Sciences Award in the Humanities for an Undergraduate (Tie)

Elijah Furuness

History of Mental Health Treatment in the Midwest

under the mentorship of Dr. Aurea Toxqui, History

Zach Oldenburg

Masculinity of the Union Common Soldier

under the mentorship of Dr. Aurea Toxqui, Dr. Victoria Kapanjie-Rians, and Dr. Robert Hawkins, History

Caterpillar College of Engineering and Technology

The Caterpillar College of Engineering Award in Mechanical Engineering for an Undergraduate

Liam Hughes, James Perozzi, Jradon Smith, and Jordan Tatgenhorst

Design and Fabrication of a Unique Formula Student Drivetrain

under the mentorship of Dr. Kalyani Nair, Mechanical Engineering

The Caterpillar College of Engineering Award in Civil Engineering for a Graduate Student

Naila Mahaveen

Facilitating the use of technologies by adoption of safety and health management strategies in the construction industry

under the mentorship of Dr. Saratu Terreno, Civil Engineering and Construction

The Caterpillar College of Engineering Award in Civil Engineering for an Undergraduate

Patrick Fishburne and Gabi Schram

Investigation of Sulfur Concrete Members Reinforced with Cast-Flow Induced Fiber for Planetary Applications

under the mentorship of Dr. Matthew Soltani, Civil Engineering and Construction

The Caterpillar College of Engineering Award in Electrical and Computer Engineering for a Graduate student

Zuguang Liu, Yatesh Makena, and Rohith Vavilala

Adaptive Real-Time Video For Vehicle Remote Control

Under the mentorship of Dr. Yufeng Lu and Dr. Jing Wang, Electrical & Computer Engineering

The Drs. Prasad and Sunita Shastry Award for Excellence in Electrical and Computer Engineering

Rachel Gottschalk, Andrew Kamp, Roy Rodrigo Alvarez Gonzalez, Caleb Clague, and Michael Garbrecht
Mission Bradley: Shaping the Future of Lunar Exploration

Under the mentorship of Dr. Mohammed Imtiaz, Dr. Aleksander Malinowski, and Chris Mattus, Electrical and Computer Engineering

The Caterpillar College of Engineering Award in Industrial and Manufacturing Engineering and Technology for an Undergraduate

Noah Negron

Robot Assisted Additive Manufacturing on an Acoustic Levitation Device

Under the mentorship of Dr. Ye Li, Industrial and Manufacturing Engineering and Technology

Foster College of Business

The Foster College of Business Award for an Undergraduate

Thomas Davis

Consumer Confidence and S&P 500 Returns

under the mentorship of Dr. Amit Sinha, Finance and Quantitative Methods

College of Education and Health Sciences

The College of Education and Health Sciences Award in Health Professions for a Graduate Student

Luke Gentry, Joshua Goetze, Mike Hall, and Noah Mascal

Acute Influence of Gum Chewing on Function in People With Parkinson's

under the mentorship of Dr. Pam Durr, Physical Therapy and Health Science

The College of Education and Health Sciences Award in Health Professions for an Undergraduate

Maiya Smith

Understanding time demands and turnover among healthcare workers: A moderated mediation model

under the mentorship of Dr. Bobby Lucia and Dr. Candace Esken, Physical Therapy and Health Science

The College of Education and Health Sciences Award in Family and Consumer Science for an Undergraduate

Samantha Scordo

Survey Development to Assess Attitudes and Intentions Related to Mental Health Treatment

under the mentorship of Dr. Teresa Drake, Family and Consumer Sciences

Graduate Student Distance Learner Award

This year's Graduate Student Distance Learner Award

Sadie Leman

The Effects of a Poke Plan Bundle on Staff's and Parents' Perception in an Outpatient Pediatric Setting

under the mentorship of Dr. Katherine Bloomppott, Nursing

Slane College of Communications and Fine Arts

The Slane College of Communications and Fine Arts Award in Communication for an Undergraduate

Rose Haliotis

Women and Work: A Familial Perspective

under the mentorship of Dr. Elena Gabor, Communication

The Slane College of Communications and Fine Arts Award in Fine Arts for an Undergraduate

Carlos Lalonde

Achieving Musical Benchmarks and Educational Criteria in Composing for String Orchestra

under the mentorship of Dr. Lynnsey Lambrecht, Music

Dean's Interdisciplinary Award

The Interdisciplinary Award for an Undergraduate

Hermes Falcon

Clothes, Cursing, and Couples: An Autoethnography of Transmisogyny, Femmephobia, and Genderlects

under the mentorship of Dr. Tony Adams, Communication, and Dr. Sarah Wilhoit, Integrated Humanities