InnovateUNO 2017 Fall
Undergraduate Winners

Oral Winners

1st
3D Printing of Metal Nanoparticle-Polymer Composites
Cynthiya Shrestha Mentor: Damon Smith
Mechanical Engineering

2nd
Hoverboards: Prototype focal-plane positioners to move heavy payloads for ELTs
Prerak Chapagain Mentor: Michael Goodwin (AAO)
Mathematics/Electrical Engineering

3rd
Critical State Line of Soils
Kristabelle Mendoza Mentor: Emir Jose Macari
Civil and Environmental Engineering

4th
FIFA Video Game Series and Diversity in US Soccer
Mark Eric Kugler, Dame Sene, and Gino Quaglino Mentor: Dan Harper
Interdisciplinary Studies

5th
Big Data Mining in Twitter using Python Clients
Sanjiv Pradhanang Mentor: Shaikh Arifuzzaman
Computer Science

Film Winners

1st
Micro-Budget Filmmaking vs High-Budget Filmmaking: A Video Essay
Dustin Foret Mentor: Laura Medina
Film & Theatre

2nd
The Second Coming
William Van Hoof Mentor: Laura Medina
Film & Theatre

3rd
Vacate to Populate
Spencer Sticker Mentor: Laszlo Fulop
Film & Theatre

4th
7 Buttons
David Leonard Mentor: Laszlo Fulop
Film & Theatre
The Internship Experience
Michael Schwing
Mentor: Ting Wang
Mechanical Engineering

Undergraduate Student Performance:

The Serpent
Joey van Leeuwen and Evan Washington
Mentor: Ed Petersen
Music - Jazz Studies

Undergraduate Visual Arts

1st
Gray
Michelle Ramos
Mentor: Daniel Rule
Fine Arts
Number: 243

2nd
Kairos
Tina Tran
Mentor: Anthony Campbell
Interdisciplinary Studies
Number: 248

3rd
Logic
Rachel Rome
Mentor: Kathy Rodriguez
Fine Arts
Number: 246

4th
The Emperor's New Clothes
James Dupont
Mentor: Anthony Campbell
Fine Arts
Number: 220

5th
Watching
Tyler Gagnet
Mentor: Anthony Campbell
Fine Arts
Number: 223
Undergraduate Poster

Suman Pokhrel Mentor: Wendy Schluchter Biological Sciences and Chemistry Number: 108

2nd Archaeology Field School Summer 2017: Hohenthurn Aircraft Recovery Elena Ricci Mentor: D. Ryan Gray Anthropology Number: 101

3rd The Effects of Low Oxygen on Blood Variables in the Gulf Killifish, Fundulus grandis Ariel Hernandez Mentor: Bernard Rees Chemistry Number: 118

4th Elevated Separation Anxiety in Parents Predicts Elevated Separation Anxiety in Children With Chromosome 22q11.2 Deletion Syndrome (22q11.2DS) Jasmine Mobley, Diana Hobbs, Ashley F. P. Sanders, David D. Stephenson Mentor: Elliott Beaton Psychology Number: 109

5th Synthesis and Analysis of LaNi1-xMxO2 (M = Cu, Co) Possible Analog for Superconducting Cuprate Alana Dixon, Naeyma Islam, & Michael Shabetai Mentor: Viktor Poltavets Chemistry Number: 116

Privateer Choice Award
The Separation of Nature Mitchell Maurin Mentor: Joseph Dew Mechanical Engineering and Physics Number: 228

Latex toolkit Reecha Khanal Mentor: Minhaz Zibran Computer Science Number: 114

The Effects of Low Oxygen on Blood Variables in the Gulf Killifish, Fundulus grandis Ariel Hernandez Mentor: Bernard Rees Chemistry Number: 118