



StarScapes

2016

Student Innovation and Creativity

Program

and

Project Descriptions

StarScapes:

LCC Student Innovation and Creativity Showcase April 20-21, 2016 in the Gannon Commons

StarScapes is a showcase of creative, imaginative, novel, innovative, and interesting work produced by LCC students and provides an opportunity for students to share the exciting work that they are doing with the LCC community. Presentations include creative and research work produced for LCC classes, but also involve work developed through students' own independent study and research. This is an opportunity to share research, capstone presentations, honor's option projects or other creative, imaginative or interesting work that students have produced. Any student or group of students who pursued a research or creative project was invited to participate. Faculty sponsors were required.

Where possible, posters will be available for viewing throughout Wednesday and Thursday. Films and PowerPoint presentations will be played on a continuous rotating basis.

Thank you to all students and faculty that participated in the second annual StarScapes event at Lansing Community College.

The StarScapes Steering Committee

WEDNESDAY, APRIL 20

**ALL DAY
Gannon Commons**

Poster Displays

"The Social Context of Migrant Health in the United States" by Kylie Haizlip, "The Cahokia Mounds" by Hillary Monusko, "Forgiveness is Freedom" by Taytum DeMay, "Feminism and Intersectionality" by Ellen Hardy, "Corsets (Medical Anthropology)" by Cassie Pline, "Adolescents and Risks" by Meagan Hepfner, "Culture Shock" by Morgan Kennedy, "Allan Maar Writing Contest Winners" by Mary Murphy, "The Best Of Both Worlds: Apple + PC" by Parker Young, "Gaming PC" by Branden Powers, "E-Waste" by Noah Cowden, "Linux, easy as Pi." by Noah Kevelighan, "Arcade Cabinet" by Tyler Huver, "Collective Stress and Individual Stress" by Alexander Thiel, "Bluetooth to Raspberry PI" by Arthur Hayward, "DNA Analysis of Packaged Vegan Foods: Are They Really Animal-Free?" by Shannon Best, "DNA Analysis of Dietary Supplements: Are Ingredients Consistent With the Label?" by Elise DesJardins, "The Impact of Sexual Education" by Ashley Lentz, "Music, Mental Health, and Society" by Travis Williams, "Medical Anthropology Ethnography" by Jules Osborn, "Gender and Marriage Roles in the Asian Culture" by Anastasia Vang, "On-Board PC" by Martin Hendler "Plasma Speaker" by Chad Denbrock, "Simple Radio Physics" by Nadaly Marchi, "Rocket Launch Physics" by Alan Ojeda, "Bernoulli's Principle" by Nicholas Thiel, "Faraday's Floating Coil" by Steven Atkin, "Invisibility Cloak" by Sarah Stewart, "RLC Circuits - Interactive .NET Windows Application" by Easton Wittbrodt

**11am-12pm
Centre for Engaged
Inclusion**

"Dreamscape"

This short film was written, directed, edited, and produced by a group of LCC students in the Media/Cinema Producer class.

Produced by: Christine Asher, Chris Robertson, Connor Kiel, John Castora, Lee Hadd, Robbie Savageau, Yenna Hu, Yohanan Ali Qwail

"The Archaeology of an 18th Century African-American Cemetery in New York City"

Presented by: Jay Hansor

"Kinematic Simulations Software"

Older applications recreated using modern day UI. Applications include Cannon launcher and stopping distance.

Presented by: Collin Dillinger, Andres Felix, David Scherzer

**12-2pm
Gannon 2nd Floor
Highway**

"City Scapes"

Garments created with unconventional, repurposed material in the form of historical Lansing buildings.

Presented by: Fashion Design Program students and faculty

1-2pm
Centre for Engaged Inclusion

"Music & MIDI"

Based on use of MIDI (a communication protocol between computers and electronic instruments) in the creation of original students' compositions. Recordings of student pieces from the MUSC 197: Home Studio Production class will be played, and students will provide a brief background of their work from a creative and technical perspective.
Presented by: Taylor Taylor, Kevin Dutzyn

"Ruben's Tube"

A Ruben's Tube is a perforated tube with gas flowing through it. The gas is lit and flames come from the perforation. A speaker at the end of the tube will play frequencies to allow sound waves to pass through the tube producing a visualization of a standing wave.
Presented by: Logan Williams, Emmah-Leigh Nelson

2-3pm
Centre for Engaged Inclusion

"Cannabis"

An organismal research project for course BIOL 128, including the scientific and common name, phylogeny ecological role, and interesting facts discovered along the way.
Presented by: Devin Carree

"Dreamscape" (Encore Presentation)

This short film was written, directed, edited, and produced by a group of LCC students in the Media/Cinema Producer class.

3-4pm
Gannon Commons

Physics Demonstrations

"Plasma Speaker" by Chad Denbrock, "RLC Circuits - Interactive .NET Windows Application" by Easton Wittbrodt, "Simple Radio Physics" by Nadaly Marchi, "Rocket Launch Physics" by Alan Ojeda, "Gaussian Projectile Launcher" by Richard Kennedy, "Bernoulli's Principle" by Nicholas Thiel, "Faraday's Floating Coil" by Steven Atkin, "Invisibility Cloak" by Sarah Stewart

4:15pm
Centre for Engaged Inclusion

"Re-Writing the American Narrative"

The goal of this presentation is to use history to challenge the "American Narrative" that we have come to accept.
Presented by: Michael Austin

5pm
Centre for Engaged Inclusion

"Theremin"

Presented by: Chase Moreno, Ben Bogner, Lei Ding, Guanwu Miao

6-7pm
Centre for Engaged Inclusion

"Washington Square" Live Reading

Join us in celebrating the publication of the 2016 issue of LCC's literary journal Washington Square! Contributors to this year's journal are:
Fiction: Cecelia Harte, Emma Houle, Harmony Lowe, Joseph Nevius
Poetry: Kylie Haizlip, Emma Houle, Alek Kring, Sonja Mattson-Barnes, John Newton, Rosalie Senara Petrouske, Carla Westwood

Nonfiction: Troy Cousino, Allie Davids, Amber Drury, William Lapham, Cruz Villareal

Art: Harley Jay, Sonja Mattson-Barnes

THURSDAY, APRIL 21

**ALL DAY
Gannon Commons**

Poster Displays

"The Social Context of Migrant Health in the United States" by Kylie Haizlip, "The Cahokia Mounds" by Hillary Monusko, "Forgiveness is Freedom" by Taytum DeMay, "Feminism and Intersectionality" by Ellen Hardy, "Corsets (Medical Anthropology)" by Cassie Pline, "Adolescents and Risks" by Meagan Hepfner, "Culture Shock" by Morgan Kennedy, "Allan Maar Writing Contest Winners" by Mary Murphy, "The Best Of Both Worlds: Apple + PC" by Parker Young, "Gaming PC" by Branden Powers, "E-Waste" by Noah Cowden, "Linux, easy as Pi." by Noah Kevelighan, "Arcade Cabinet" by Tyler Huver, "Collective Stress and Individual Stress" by Alexander Thiel, "Bluetooth to Raspberry Pi" by Arthur Hayward, "DNA Analysis of Packaged Vegan Foods: Are They Really Animal-Free?" by Shannon Best, "DNA Analysis of Dietary Supplements: Are Ingredients Consistent With the Label?" by Elise DesJardins, "The Impact of Sexual Education" by Ashley Lentz, "Music, Mental Health, and Society" by Travis Williams, "Medical Anthropology Ethnography" by Jules Osborn, "Gender and Marriage Roles in the Asian Culture" by Anastasia Vang, "On-Board PC" by Martin Hendler "Plasma Speaker" by Chad Denbrock, "Simple Radio Physics" by Nadaly Marchi, "Rocket Launch Physics" by Alan Ojeda, "Bernoulli's Principle" by Nicholas Thiel, "Faraday's Floating Coil" by Steven Atkin, "Invisibility Cloak" by Sarah Stewart, "RLC Circuits - Interactive .NET Windows Application" by Easton Wittbrodt

**10am-12pm
Centre for Engaged
Inclusion**

"Sterling Engine"

A sterling engine built out of household materials.

Presented by: Greg Ingle, Devon Cooper, Joesph Saab, Ciaron Hamilton

"Dreamscape" (Encore Presentation)

This short film was written, directed, edited, and produced by a group of LCC students in the Media/Cinema Producer class.

**10am-2pm
Washington Mall**

KitFox III Airplane Due to inclement weather, this demo is cancelled
The LCC Aviation Maintenance Technology Program will bring a KitFox III aircraft to the courtyard in front of the Gannon Building for display! Faculty/staff and students will be on hand to answer questions and talk about the Aviation program.

**12pm-2pm
Gannon 2nd Floor
Highway**

"City Scapes" (Encore Presentation)

Garments created with unconventional, repurposed material in the form of historical Lansing buildings.

5pm-7pm
Gannon Commons

Art, Design & Multimedia (ADM) Portfolio Showcase

ARTS269 is the cornerstone class for the ADM program students. Check out this portfolio showcase displaying their best work!

Presented by: Alana Heyser, Danielle Reaume, Danielle Smith, David Baker, Jacob Burkhart, Justin Dennis, Meka Liddy, Melissa Dipple, Mira Sullivan, Samantha DuRussel, Sean Carbary

5:15pm
Gannon Commons

"The Hanging Tree in American Sign Language"

The song "Hanging Tree" (from the Hunger Games) performed in American Sign Language.

Presented by: LCC Interpreter Training students