



**ASHLAND** | College of Arts  
UNIVERSITY | and Sciences

Undergraduate Research and Creative Activity  
Symposium  
April 22, 2026  
John C. Myers Convocation Center

**ORAL SESSION I: 8:15 A.M.-10:15 A.M., Trustees Room**

<b>Daniel McDonald</b> Dean, College of Arts and Sciences	<b>Welcome and Opening Remarks</b>
<b>Sadie Vanderzyden</b>	<b>Irenaeus on the Trinity: Word and Wisdom as God's Two Hands</b>
<b>Lauren Gulden</b>	<b>"Take The Long Way Home"</b> Faculty Sponsor: Dr. Maura Grady, English
<b>Braeden Geist</b>	<b>Great Midwest Athletic Tables (GMAT): A Dynamic Website for Performance Tracking and Visualization</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
<b>Dhruval Anandkar</b> <b>Ian Kichurchak</b> <b>Noah Crenshaw</b>	<b>Modernizing Local Transit: A Resource-Locked Scheduling System for Ashland Public Transit</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
<b>Adam Keeling</b>	<b>Companion Huginn: The Wireless Vulnerability Advisor, Tester, and Auditor</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
<b>Hannah McCrea</b>	<b>On Dreams: Understanding the Meaning of Dreams Through a Psychological and Religious Lens</b> Faculty Sponsor: Dr. Diane Bonfiglio, Psychology

**ORAL SESSION II: 10:30 A.M.-11:45 A.M., Trustees Room**

<b>Javan Thompson</b> <b>Keegan Arnold</b>	<b>SafeChain - Safe, Controlled Data Sharing</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
<b>Camron Criddell</b> <b>Veronika Khomukha</b> <b>Aniket Patel</b>	<b>EagleFoundry: A Hub Connecting Students and Partner Companies</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
<b>Ashton Walker</b> <b>Gavin Zeager</b> <b>Jacob Rose</b>	<b>TechDeck</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
<b>Oleksandra Bibik</b>	<b>Soviet-Born Wounds in Ukraine: Holodomor Genocide and the Lingering Trauma of a Nation</b> Faculty Sponsor: Dr. Diane Bonfiglio, Psychology
<b>Bryce Bishop</b> <b>Marcus Miller</b> <b>Robert Pope</b>	<b>Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science

### ORAL SESSION III: 10:30 A.M.-11:45 A.M., Faculty Room

Rian Spangler Zachary Vales Noah Marsh Jeremiah McKee	<b>Restaurant Redo</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
Robert Redman Lukas Schreck Jason Formani	<b>Voice Up Athletics</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
Nicholas Olquin Chloe Kovichick Joshua Bachinsky Miles Irvin	<b>Insight of AUTV</b> Faculty Sponsor: Dr. David McCoy, Journalism and Digital Media
Adam Keeling Jesse Caudell	<b>Fragility of Children's Online Privacy</b> Faculty Sponsor: Dr. Abdulbast Abushgra, Cybersecurity
Lexi Howe Mary Kate Prall Elizabeth Slayton	<b>Killer Data</b> Faculty Sponsor: Dr. Herbert Homan, Criminal Justice

### ORAL SESSION IV: 12:00 P.M.-1:15 P.M., Trustees Room

Adam Keeling Jesse Caudell	<b>Hijacking the Sky: Behavioral Analysis of Consumer FPV Drone Communications</b> Faculty Sponsor: Dr. Abdulbast Abushgra, Cybersecurity
Nora Bacon	<b>Gendered Utopia in What is to be Done and Mizora</b> Faculty Sponsor: Dr. Robert Wyllie, History/ Political Science
Jesse Caudell	<b>Artificial Intelligence's Application in Automating Server Setup</b> Faculty Sponsor: Dr. Abdulbast Abushgra, Cybersecurity
Bryce Bishop	<b>Kabr's Journal: Destiny 2 Raid Compendium</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
Ashton Walker John Wheeler Dylan Johnson	<b>Using the Nintendo Wii as an Entry Point into a Network</b> Faculty Sponsor: Dr. Abdulbast Abushgra, Cybersecurity

### ORAL SESSION V: 12:00 P.M.-1:15 P.M., Faculty Room

Brendan Dee	<b>Design and Implementation of a Cost-Effective Cyber Range Platform to Enhance Experiential Cybersecurity Education</b> Faculty Sponsor: Dr. Abdulbast Abushgra, Cybersecurity
Hallie Eighinger Rob Snyder Saylor Starkey	<b>Minds and Morals</b> Faculty Sponsor: Dr. Herbert Homan, Criminal Justice Dr. Michaela Quintero, Psychology
Zack Van Farowe	<b>The Church as Alternative Polis: John Howard Yoder's Vision for Christian Social Action</b> Faculty Sponsor: Dr. Craig Hovey, Religion
Aniket Patel Alvaro Boned Gonzalez	<b>Prepwiser: An AI-Powered Platform for Real-Time Interview Practice and Feedback</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
Sydney Vu	<b>Why Are Red Cedars Invasive?</b> Faculty Sponsor: Dr. Jeffrey Weidenhamer, Chemistry

### Oral Session VI: 1:30 P.M. -2:45 P.M., Trustees Room

<b>Ayden Mason</b>	<b>Isolation of Bacillus and the Host Range of the Bacteriophages found with them</b> Faculty Sponsor: Dr. Paul Hyman, Biology
<b>Melanie Eichler</b>	<b>The Development and Purification of a Phosphazene-Based Drug Delivery System</b> Faculty Sponsor: Dr. Nicholas Johnson, Chemistry
<b>Andrew Ehrhardt</b>	<b>Bayes' Theorem: From Origins to Modern Decision Making</b> Faculty Sponsor: Dr. Yong Ju Lee, Mathematics
<b>Aniket Patel</b>	<b>Two-Stage Driver Monitoring System: Road-First Violation Detection with On-Demand Driver State Analysis</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
<b>Joshua Carpenter</b>	<b>The Art of Story Telling in Professional Wrestling</b> Faculty Sponsor: Dr. Hilary Donatini, English

### Oral Session VII: 1:30 P.M. -2:45 P.M., Faculty Room

<b>Sylvia Mohn</b>	<b>More Than an Outcast - Marginalization, Voice, and Interpretation of the Samaritan Woman</b> Faculty Sponsor: Dr. Kirsty Jones, Religion
<b>Cole Jenkins</b>	<b>To Others Later: Hip-Hop as Civil Rights and the American Mind</b> Faculty Sponsor: Dr. Adam Carrington, History/ Political Science
<b>Jaelyn Palmer</b>	<b>Aphid Attraction by Aroma: The chemical ecology of crapemyrtle aphid (<i>Tinocallis kahawaluokalani</i>) and crapemyrtle (<i>Lagerstroemia</i> spp.)</b> Faculty Sponsor: Dr. Cindy Perkovich, Biology
<b>Chelsea Niedermier</b>	<b>Cyclophosphazenes as drug delivery systems for potential anticancer drugs</b> Faculty Sponsor: Dr. Nicholas Johnson, Chemistry
<b>Dhruval Anandkar Aniket Patel</b>	<b>AgriScience</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science

### Oral Session VIII: 3:00 P.M. -4:15 P.M., Trustees Room

<b>Tanner Collins Rylie McConnell</b>	<b>Application of the Relationship between Cauchy and Gaussian Distributions on Financial Markets</b> Faculty Sponsor: Dr. Yong Ju Lee, Mathematics
<b>Anna Corbel</b>	<b>Beauty, Leisure, and Justice: Can Aesthetic Experience Increase Human Flourishing Without Reinforcing Inequality?</b> Faculty Sponsor: Dr. Robert Wyllie, History/ Political Science
<b>Robert Mouledoux</b>	<b>"Ragtime Should Not Be Played Fast" Tempo and the Music of Scott Joplin</b> Faculty Sponsor: Dr. Elisabeth Roberts, Music
<b>William Westrick</b>	<b>C.S. Lewis, Freud, and the Dialectic of Myth</b> Faculty Sponsor: Dr. Rene Paddags, Political Science
<b>Dhruval Anandkar Aniket Patel Noah Crenshaw Jacob Pielech</b>	<b>Impact of Containerization and Orchestration on Deep Learning Inference Performance</b> Faculty Sponsor: Dr. Abdulbast A. Abushgra, Cybersecurity

### Oral Session IX: 3:00 P.M. -4:15 P.M., Faculty Room

Isaiah Wasserbeck	<b>The Out of Season Temple: The Cursing of the Fig Tree in Mark</b> Faculty Sponsor: Dr. David Anthony Basham, Biblical Theology
Kaden Legron	<b>No Longer “the Leper”:</b> Luke’s Person-First Language as a Theology of Restoration Faculty Sponsor: Dr. Kirsty Jones, Religion
Joshua Carpenter	<b>Movin’ Right Along: A Muppetational Collections of Poems and Essays</b> Faculty Sponsor: Dr. Charles Carlise, English
Benjamin Adams	<b>Church Website</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
Caleb Kaminski Adam Kitts Quang Tung To Alvaro Boned Aniket Patel Dominic Johnson Damien Johnson Dhruval Anandkar	<b>Vultus</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science

### Oral Session X: 4:30 P.M. -5:30 P.M., Trustees Room

Isaiah Wasserbeck	<b>The Phantom of the Sea: A Social and Linguistic Analysis of the Use of ΦΑΝΤΑΣΜΑ in Mark 6:49</b> Faculty Sponsor: Dr. Kirsty Jones, Religion
Aniket Patel Dhruval Anandkar	<b>CortexLab: Enhancing the Research Lifecycle with Intelligent AI Agents</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
Madeline Whitticar	<b>Synthesis and Functionalization of Benzimidazole-Based Compounds for Potential Anti-Cancer Applications</b> Faculty Sponsor: Dr. Nicholas Johnson, Chemistry
Aniket Patel	<b>Performance Analysis of Deep Learning Models on CPU, GPU, and TPU: A Comparative Study of Modern Accelerators</b> Faculty Sponsor: Dr. Abdulbast Abushgra, Cybersecurity

### Oral Session XI: 4:30 P.M. -5:45 P.M., Faculty Room

Hope Miller	<b>Transitional Objects and Mathematical Anxiety</b> Faculty Sponsor: Dr. Christopher Chartier, Psychology
Kaden Legron	<b>The Burden of Purity: Wudū’, Ghosl, and the Psychological Struggles of Religious Scrupulosity in Islam</b> Faculty Sponsor: Dr. Kirsty Jones, Religion
Sarah Kohne	<b>Seed to Structure: Rapid Formation of Crambin Nanocrystals for MicroED</b> Faculty Sponsor: Dr. Michael Martynowycz, Mathematics
Teresa Overholser	<b>Global Citizenship and the Task of Pedagogy in Kant</b> Faculty Sponsor: Dr. Joseph Griffith, History and Political Science
Yuegu Wang	<b>Perennial Philosophy and Political Utopia</b> Faculty Sponsor: Dr. Robert Wyllie, History and Political Science

**POSTER/EXHIBITION SESSION I: 11:45 A.M.-12:45 P.M. Alumni Room**

Poster #1	Owen Reynolds Nolan Kern Enoch Oye	<b>SermonQR: Connecting Faith and Technology with the Power of QR Codes</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
Poster #3	Adam Harrington	<b>Forest Fire prediction and Mapping</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
Poster #5	Georgi Moody	<b>Aromatherapy Use in Oncology</b> Faculty Sponsor: Dr. Teresa Moorman, College of Nursing
Poster #7	Nathan Slater	<b>Pre-Run Carbohydrate Intake and Its Influence on 60-Minute Performance in Division II Distance Runners</b> Faculty Sponsor: Dr. David Vanata, College of Nursing
Poster #9	Hannah Chambers	<b>Does Mode of Instruction Matter? Comparing Memory Retention in Virtual and Traditional Classrooms</b> Faculty Sponsor: Dr. Michaela Quintero, Psychology
Poster #11	Raechel Serafimov Megan Tomasic	<b>Analysis of Nicotine and Toxic Metals in Nicotine and Tobacco Pouches</b> Faculty Sponsor: Dr. Brian Mohney, Chemistry
Poster #13	Aspen Hatfield	<b>Does Birth Order Matter? Exploring Links Between Parenting Styles and Attachment Styles</b> Faculty Sponsor: Dr. Michaela Quintero, Psychology
Poster #15	Devon Brasseur	<b>Opioids/anesthesia effect on the immune/inflammatory response in surgical patients</b> Faculty Sponsor: Dr. Teresa Moorman, College of Nursing
Poster #17	William Hummel	<b>A convergent vs divergent synthesis of calixarene-core PLA-PEG star block copolymers</b> Faculty Sponsor: Dr. Perry Corbin, Chemistry
Poster #19	Layne Stone	<b>Maternal Mortality</b> Faculty Sponsor: Dr. Teresa Moorman, College of Nursing
Poster #21	Rachel Stanckek	<b>Chemical Defense and Nutritional Traits of Legume Roots: A Phytochemical Analysis</b> Faculty Sponsor: Dr. Cindy Perkovich, Biology
Poster #23	Ramey Adkins	<b>TPP Addition to TEG Trimer as a potential targeting agent for anti-cancer drug delivery system</b> Faculty Sponsor: Dr. Nicholas Johnson, Chemistry
Poster #25	Emily Donofrio Hannah Chambers Aspen Hatfield	<b>Studying the Impact of Student-Instructor Relationships on Academic Anxiety</b> Faculty Sponsor: Dr. Michaela Quintero, Psychology
Poster #27	Isabel Ortiz	<b>Method Development for the Passive Sampling of Herbicide Contaminants in Soil and Sediment</b> Faculty Sponsor: Dr. Andrew Trimble, Biology and Toxicology
Poster #29	Colin Pham	<b>Phosphazene-Based Metal Organic Frameworks Incorporating Coinage Metals for Drug Delivery Applications</b> Faculty Sponsor: Dr. Nicholas Johnson, Chemistry
Poster #31	Kalissa Funk	<b>An Efficient Synthesis of Star Polymers for Micelle Formation</b> Faculty Sponsor: Dr. Perry Corbin, Chemistry
Poster #33	Leeann Harker	<b>AI-CCA : An Integrated AI model for Credit Card Approval</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
Poster #35	Sydney George	<b>Species-Level Variation in Lead Exposure Among Resident Songbirds Near Pre and Post 1978 Homes</b> Faculty Sponsor: Dr. Patricia Saunders, Biology

Poster #37	Courtney Casey	<b>Improving Patient Compliance with Discharge</b> Faculty Sponsor: Dr. Teresa Moorman, College of Nursing
Poster #39	Noah Kaltenbaugh	<b>Engaging Students Through Branding and Social Media: A Case Study of The Ashland Theatre</b> Faculty Sponsor: Dr. Lance Kaltenbaugh, College of Business and Economics
Poster #41	Derrick Amapps Ty Simms	<b>Acidic and Basic Degradation of Polylactide Star Polymers</b> Faculty Sponsor: Dr. Perry Corbin, Chemistry
Poster # 43	Jadelyne Avance Anaise Artino Brenna Heinzerling	<b>Analysis of Sugars and Toxic Metals in Apples and Applesauce</b> Faculty Sponsor: Dr. Brian Mohny, Chemsitry
Poster # 45	Benjamin Berglund Lukas Schreck	<b>The Lorenz System and Chaos Theory</b> Faculty Sponsor: Dr. Yong Ju Lee, Mathematics
Poster #47	Zach Harrison	<b>When Outliers Matter? - An AI Framework for Fraud Detection</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
Poster #49	Marin Dixon	<b>Histological Analysis of the Zebrafish <i>cebpg</i> Mutant Lens</b> Faculty Sponsor: Dr. Mason Posner, Biology
Poster #51	Emily Donofrio	<b>Examining the Effects of Reading Modality on Comprehension</b> Faculty Sponsor: Dr. Christopher Chartier, Psychology
Poster #53	Jillian Hull Ayden Mason	<b>Host Range Testing <i>Bacillus cereus</i> Bacteriophages</b> Faculty Sponsor: Dr. Paul Hyman, Biology
Poster #55	Max Vesper	<b>Demand Forecast Optimization using AI Models</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
Poster #57	Susana Olvera	<b>Global Approaches to Reducing Adolescent E-cigarette Use</b> Faculty Sponsor: Dr. Teresa Moorman, College of Nursing
Poster #59	Nicholas Toole	<b>Statistical Modeling and Analysis of Residential Property Values in Ashland County</b> Faculty Sponsor: Dr. Yong Ju Lee, Mathematics

### POSTER/EXHIBITION SESSION II: 1:00 P.M.-2:00 P.M., Alumni Room

Poster #2	Aubrianna Lugli	<b>Pressure Induced Injuries in the Intensive Care Setting</b> Faculty Sponsor: Dr. Teresa Moorman, College of Nursing
Poster #4	Kiera Kaeser	<b>Gene Expression Changes in two Zebrafish <math>\alpha</math>-crystallin Mutants with Eye Lens Defects</b> Faculty Sponsor: Dr. Mason Posner, Biology
Poster #6	Oleksandra Bibik Kylie Arnett	<b>The Use of Virtual Reality in a Replication of Godden and Baddeley (1975)</b> Faculty Sponsor: Dr. Mitchell Metzger, Psychology
Poster #8	Sarah Kohne Sebastian Mathews	<b>Synthesis of Nicotine Analogs Utilizing the Click Reaction: Possible Compounds for Therapeutic and Medicinal Applications</b> Faculty Sponsor: Dr. Robert Bergosh, Chemistry
Poster #10	Hunter Long Andrew Coddling Ian Dearment Logan Roseberry Damien Johnson	<b>Eagle Maps</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
Poster #12	Josie Sipe Jayden Forrer	<b>Price Elasticity of Demand: Promotions and Real Estate</b> Faculty Sponsor: Dr. Yong Ju Lee, Mathematics

Poster #14	Joseph Waibel Tyler Brown Benjamin Adams Kaj Salzano Alvaro Boned Gonzalez	<b>SmartLift</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
Poster #16	Heaven Keaser	<b>AI Predictive Basket: Machine Learning Models Forecasting the Shopping Cart</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
Poster #18	Luke Bowen Bophalleap Vathanak	<b>Investigating the Influence of PTU Dosage on <i>cyp1a</i>, <i>fkbp5</i>, and <i>plin6</i> Gene Expression in Zebrafish</b> Faculty Sponsor: Dr. Mason Posner, Biology
Poster #20	Prabesh Sunar	<b>AU Marketplace — A Campus Platform for Free Exchange and Market Behavior Analysis</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
Poster #22	Benjamin Goff Jesse Caudell Ashton Carney	<b>DnD Quiz /w dice roll</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
Poster #24	Joshua Byers Quang Tung To J.S Hanania Juillet Dylan Johnson Dominic Johnson	<b>GetItDone Application</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
Poster #26	Reid Opel Kaj Salzano	<b>Infinity in Finance</b> Faculty Sponsor: Dr. Yong Ju Lee, Mathematics
Poster #28	Skye Caudill Austin Sprague Asethe Goble Elijah Beere	<b>Hobby Hub</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
Poster #30	Jon Lutz Cooper Young Nate Russell	<b>AutoExcuse</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
Poster #32	Istvan Szijarto	<b>Simulated Lunar Operations and Optimization of Tire Treads</b> Faculty Sponsor: Dr. Yong Ju Lee, Mathematics
Poster #34	Dylan Tutlow	<b>Electricity: Applications Today and in History</b> Faculty Sponsor: Dr. Yong Ju Lee, Mathematics
Poster #36	Nicholas Toole	<b>AI Model for Salary Estimation and Employee Turnover</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
Poster #38	Daniel Painter	<b>Employee Performance Preprocessing</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
Poster #40	Andrew Coddling Cooper Hornfeck	<b>Thinking Poker Through Game Theory</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
Poster #42	Delaney Frary	<b>Decoding Cultivar Susceptibility: Aphid Performance and Plant Defense Traits in Crape Myrtles</b> Faculty Sponsor: Dr. Cindy Perkovich, Biology
Poster #44	Molly Coleman	<b>Measuring Zebrafish Eye Lens Glutathione, an Important Protectant Against Oxidative Damage</b> Faculty Sponsor: Dr. Mason Posner, Biology
Poster #46	Olivia Ramsdell	<b>Friendship, Mental Health, and the Mediating Role of Social Support</b> Faculty Sponsor: Dr. Jennifer Schulz, College of Education
Poster #48	Anna Ramsier Kalli Spehar	<b>Synthesis and Isolation of TEGME-Substituted Chlorophosphazene Trimers</b> Faculty Sponsor: Dr. Nicholas Johnson, Chemistry

<b>Poster #50</b>	<b>Gabrielle O'Brien</b>	<b>The Impacts of Test Anxiety on Academic Motivation</b> Faculty Sponsor: Dr. Michaela Quintero, Psychology
<b>Poster #52</b>	<b>Collin Grundy Carter Speakman Sydney Huebner</b>	<b>Population Growth Model</b> Faculty Sponsor: Dr. Yong Ju Lee, Mathematics
<b>Poster #54</b>	<b>Grace Henning</b>	<b>Substitution of 9-Bromoanthracene onto a Benzimidazole</b> Faculty Sponsor: Dr. Nicholas Johnson, Chemistry
<b>Poster #56</b>	<b>Richard Legg Drake Goings Camron Criddell Christopher Price Grant Miller</b>	<b>Campus Parking Problem</b> Faculty Sponsor: Dr. Selvanayaki Kolandapalayam Shanmugam, Computer Science
<b>Poster #58</b>	<b>Sarah Kohne</b>	<b>Building a Fourier Microscope from Simple Optics that Allows the User to Manipulate and Edit an Image Using the Fourier Plane.</b> Faculty Sponsor: Dr. Brian Mohney, Chemistry
<b>Exhibition #1</b>	<b>Lauren Vavrek Amanda Kolar Juliana Howard Kaysie Salmons</b>	<b>Brand Development Through Graphic Design</b> Faculty Sponsor: Professor Michael Bird, Digital Art and Graphic Design