



Performance Presentations
Will be done in DMC 152—
Recital Hall

Stevens Student Center (SSC) Upper

Poster Presentations

SSC Upper Lobby					
Location	Abstract Authors	Position	Department	Poster Judging	Abstract Title
1	Julian Pernia James Von Eiff Colin Broberg Tyler Drake	Undergraduate Student	Engineering and Computer Science	No	CedarLogic 2.0 Update
2	Michael D. Baxter Grant W. Dennison Abigail M. Riffle Noah W. Bragg Andrew D. Lockridge Robert J. Jacubec	Undergraduate Student	Engineering and Computer Science	Yes	The Bible Story Producer App
3	Jackson W. Volante Kidron Filbrun Jeffrey T. Deane Andrew T. Carr Nathan Harold Daniel Eckley	Undergraduate Student	Engineering and Computer Science	Yes	Augmented Reality Technician Assistance Program
4	Joe Morin	Undergraduate Student	Engineering and Computer Science	Yes	An Electrochemical Analysis of Fretting Corrosion in Metal-on-Metal Hip Implants subjected to High Impaction Loads
5	Joe Morin Michael Pickett Amy Abraham	Undergraduate Student	Engineering and Computer Science	Yes	3D Printing of Biodegradable Scaffolds for Tissue Engineering Applications
6	Nicole D. Perez Wesley Kelly Jonathan Easterday Todd Landis	Undergraduate Student	Engineering and Computer Science	No	CUSigns

7	Clara G. Hendrickson Joshua D. Pearson Brice J. Montgomery Natalie M. Lien Marcella B. Moorman Anna T. Kaster Elizabeth J. Carraher Annis N. Shaver	Faculty, Undergraduate Student	English, Literature, and Modern Languages	Yes	Identifying Elements of Kinder- und Jugendliteratur
8	Michael B. Retzlaff Timothy C. De Jong Timothy Parrott	Undergraduate Student	Kinesiology and Allied Health	Yes	Acute Effects of Non-Nicotine Vaping on VO2 Max, Blood Pressure, Heart Rate, and Lung Volume
9	Grace A. Miorelli Michaela Nelson Elizabeth A. Sled Benjamin T. Massa Mackenzie J. Clemens Hope E. McColl April D. Crommett	Faculty, Undergraduate Student	Kinesiology and Allied Health	Yes	The Effects of Square-Stepping Exercise on Risk of Falling and Balance in Senior Adults
10	Miriam J. Morris Bernadette F. Rowe Jessica L. Stauf	Undergraduate Student	Nursing	Yes	The Effectiveness of Cognitive Behavioral Therapy on Management of Symptoms in Rheumatoid Arthritis Patients.
11	Ryley B. Uber	Graduate Student	Pharmaceutical Sciences	Yes	Employing "FDALabel" Database to Extract Pharmacogenomics Information from FDA Drug Labeling to Advance the Study of Precision Medicine
12	April Filter Stacy Lin Sydney Schultz Rachel Anderson Tori Twinem Denise Simpson Melissa Beck	Graduate Student	Pharmaceutical Sciences	Yes	Correlation Study: Student Success in Biochemistry as a Prerequisite for Integrated Pharmacology and Medicinal Chemistry
13	Danielle E. Baker Colin Behm Bryan Feldmann Jeremy Flikkema Thaddeus Franz	Graduate Student	Pharmacy Practice	Yes	Patients' Perceptions of Pharmacist Intervention Through Pre-Screened Medication Therapy Management Service

14	Taylor E. Hobbs Aubrey Gillette Hannah Grammer Michael Firmin	Faculty, Undergraduate Student	Psychology	Yes	Developmental Results of Military Kids' Upbringing: A Qualitative Analysis
15	Cindy Cheung Siu Nikki Tiffan Jean-Luc Schieferstein Samantha Kohli Ruth Markham	Faculty, Undergraduate Student	Psychology	Yes	Phone Home: Parent-Child Support In College Students' Social Interaction
16	Michael W. Firmin Kristin DeWitt Lauren A Kuhlwein Heidi M. Gibbs Nicole M. Tiffan	Faculty, Undergraduate Student	Psychology	Yes	Clinical Differences Between the APA and NASP Ethical Codes
17	Michael Firmin Dan DeWitt Reina Soczka Heidi M. Gibbs Alyssa M. Massaro	Faculty, Undergraduate Student	Psychology	No	State Licensure Board Requirements Pertaining to Moral Turpitude
18	Michael Firmin Ruth Markham Heidi M. Gibbs Lauren A. Kuhlwein Nicole M. Tiffan	Faculty, Undergraduate Student	Psychology	Yes	A Qualitative Analysis of the Motivation and Affiliation Dynamics Involved with a Firefighting Career
19	Michael W. Firmin Ruth L. Markham Nicole Tiffan Heidi Gibbs Lauren Kuhlwein	Faculty, Undergraduate Student	Psychology	Yes	Personal Frustrations of a Full-Time Firefighting Career
20	Rachel D. Cordle Anna Forcelle	Undergraduate Student	Psychology	No	How Athletics Affect an Athlete's Academic Performance
21	Thomas A. Sackett Jacqlyn A. Fletcher	Undergraduate Student	Psychology	Yes	Perceptions of Homeschooling: A Qualitative Study of The Lives Homeschool Parents
22	Felisha L. Younkin Elizabeth A. Axtell Chelsea R. Anderton	Undergraduate Student	Psychology	No	Stress and Sleep Quality: Mediating Effects of Social Support

23	Jessie D'Amico Sarah E. Taylor Beth Hansford	Undergraduate Student	Psychology	No	The Lonely Scroll: The Impact of Social Media on Loneliness in Introverts and Extroverts
24	Ashley M. Belles	Undergraduate Student	Psychology	No	Relationship Quality of Siblings Attending the Same University
25	Carissa Slone	Undergraduate Student	Science and Mathematics	Yes	Models of Nation-Building via Systems of Differential Equations
26	Sarah C. Rouse	Undergraduate Student	Science and Mathematics	Yes	Characterization of Massive vs. Laminated Texture of the Coconino Sandstone (Permian), Arizona from the Study of Thin Sections
27	Jennifer N. Felzien Brandon R. Kalb Bethany C. Khol Katelyn R. Malik Matthew S. Merial Lois Parks David F. Paulding Shannon N. Rappaport Kenneth W. Ward Heather G. Kuruvilla	Faculty, Undergraduate Student	Science and Mathematics	Yes	Netrin-3 Peptide (C-19) is a Chemorepellent and a Growth Inhibitor in Tetrahymena thermophila
28	Bethany C. Khol Katelyn R. Malik Heather G. Kuruvilla	Faculty, Undergraduate Student	Science and Mathematics	Yes	Netrin-1 Signals Through Protein Kinases in Tetrahymena thermophila
29	Stephanie J. Hermann Bailey L. Hixon Ryan D. Kvarness Jade Lee Gregg W. Mendel Daniele T. Modderman Lois Parks David F. Paulding Kenneth W. Ward Matthew A. Sitler Heather G. Kuruvilla	Faculty, Undergraduate Student	Science and Mathematics	Yes	Netrin-3 Avoidance and Mitotic Inhibition in Tetrahymena thermophila Involves Intracellular Calcium and Serine/Threonine Kinase Activity
30	Bethany C. Khol Katelyn R. Malik Heather G. Kuruvilla	Faculty, Undergraduate Student	Science and Mathematics	Yes	Immunolocalization of a Netrin-3 Like Peptide in Tetrahymena thermophila Using Antibodies Against the N- and C-terminus of the Protein

31	Mark Guilliams	Undergraduate Student	Science and Mathematics	No	A correlation and stratigraphy of detailed measured core sections of the Waynesville and Liberty Formations (Katian; Richmondian) - transecting Warren, Clinton, and Fayette Counties of Ohio
32	Emma Baccus Victoria Gahman Hannah Phillips Shannon Rappaport Alyssa Reiter Kaleb M. Pauley	Undergraduate Student	Science and Mathematics	Yes	Migration Frustrations of miR-146a Regulation
33	Ryan Marquardt Daniel J. Stank Kaleb M. Pauley	Undergraduate Student	Science and Mathematics	Yes	MiR-146a Upregulation of Phagocytosis in Human Macrophages
34	Robert L. Paris Kaleb M. Pauley Ryan K. Lokkesmoe Sarah E. Lyon James C. Dunlap Julia M. Pierre Timothy P. VanWingerden` Finny J. Johns Kyle J. Kilchrist Tyler J. Reid Caleb M. Winn	Faculty, Undergraduate Student	Science and Mathematics	Yes	Genetic variation in concentration of the 33-mer protein subcomponent in wheat
35	S. Jackson Grout Bryce C. MacTurk Amanda D. Sims Kaleb M. Pauley	Undergraduate Student	Science and Mathematics	Yes	Effect of Metformin on miR-146a Expression
36	Emily R. Jackson	Undergraduate Student	Science and Mathematics	Yes	Petrographic Analysis of the Oriskany Sandstone (Lower Devonian) from the Ellisburg Storage Pool, Potter County, Northcentral Pennsylvania
37	Tracy L. Collins Chandra N. Swiech Reyna G. Osorio	Faculty, Undergraduate Student	Science and Mathematics	Yes	The Effect of Photoactivated TMP on Burkholderia cepacia Biofilms

38	Tracy Collins Jessica Weisensee Alayna Sanderson Andrea Schwartz Lauren E. Ward Stephanie Nicholls Molly Yandrofski	Faculty, Undergraduate Student	Science and Mathematics	Yes	E,E-farnesol inhibits swarming motility in Burkholderia cepacia through rhamnolipid production
39	Michael Sprague	Undergraduate Student	Science and Mathematics	Yes	A description of a new Allosaurus (Dinosauria: Theropoda) skull with comparison to additional specimens
40	Erica A. Loughner Jordan C. Oldham	Undergraduate Student	Science and Mathematics	No	Geniune or Reproduction: A Comparison of 3D Imaging Techniques
41	Michael Sprague	Undergraduate Student	Science and Mathematics	Yes	Understanding Feathered Dinosaurs
42	Laura Cashman William A. Smith Shannon Swicker Abigail Williams Mark A. Gathany	Faculty, Undergraduate Student	Science and Mathematics	Yes	Spatial and temporal variability of water quality parameters in Cedar Lake (Cedarville, Ohio)
43	Laura A. Cashman Aaron Hutchison	Undergraduate Student	Science and Mathematics	Yes	Massie Creek Water Chemistry and Potential Agro-chemical Impact
44	Joel Twinem	Undergraduate Student	Science and Mathematics	Yes	The Relationship Between Static Water Levels, Bedrock Topography, and Glacial Drift Thickness for the Cedarville, Greene County, Ohio Area
45	Alexis Steffanni Brydon Koch Carly Catalanello Michelle Gamberdella	Undergraduate Student	Social Work	Yes	Child Brides

Podium Presentations

SSC 240				
Time	Authors	Position	Department	Abstract Title
1:00 PM	Stanley Schwartz	Undergraduate Student	History and Government	Petty Passions, Nobler Actions, and Two Peculiar Institutions: Sectionalism, Partisanship, and the United States Senate, 1845-1850
1:30 PM	Amy Searl	Undergraduate Student	History and Government	Politics of the first Great Awakening
2:00 PM	Jacob T. Mach	Undergraduate Student	History and Government	Hitler, Anti-Semitism, and the Demise of the Third Reich
2:30 PM	Amy Searl Stanley Schwartz	Undergraduate Student	History and Government	A STUDY OF THE CORRELATION BETWEEN IMMIGRATION AND TERRORISM
3:00 PM	Adam P. Rinehart	Undergraduate Student	Music and Worship	French Society Abroad: The Popularization of French Dance throughout Europe, 1600-1750
3:30 PM	Gracie Bennett	Undergraduate Student	Music and Worship	The Science of Singing: A Voice Lesson from Anatomy and Physiology

SSC 241				
Time	Authors	Position	Department	Abstract Title
1:00 PM	Sharri K. Hall	Undergraduate Student	Music and Worship	The Doctrine of Affections: Where Art Meets Reason
1:30 PM	Joshua L. Dissmore	Undergraduate Student	Music and Worship	Baroque Music and the Doctrine of Affections: Putting the Affections into Effect
2:00 PM	Audrey S. Rutt	Undergraduate Student	Music and Worship	A Blend of Traditions: The Lute's Influence on Seventeenth-Century Harpsichord Repertoire
2:30 PM	Michael S. Carbaugh	Undergraduate Student	Music and Worship	Film Score: The Romantic Ideal
3:00 PM	Brittany L. Roberts	Undergraduate Student	Music and Worship	The Triple Harp: The Unsung Hero of Harp History
3:30 PM	Emily A. Sulka	Undergraduate Student	Music and Worship	Shakespeare's Philosophy of Music
4:00 PM	Haley J. Perritt	Undergraduate Student	Music and Worship	From Modal to Tonal: The Influence of Monteverdi on Musical Development

SSC 245				
Time	Authors	Position	Department	Abstract Title
1:00 PM	Eleanor Raquet	Undergraduate Student	Music and Worship	Scholarly Debates: The Development of Early
1:30 PM	Catherine Milliron	Undergraduate Student	Music and Worship	Next Time Won't You Sing with Me? The Role
2:00 PM	Deborah Longenecker	Undergraduate Student	Music and Worship	The Partimento Tradition in the Shadow of Enlightenment Thought
2:30 PM	Josiah Kenniv	Undergraduate Student	Music and Worship	Russian Music from 1917-1953
3:00 PM	Kelsey De Pree	Undergraduate Student	Music and Worship	Cue the Music
3:30 PM	Rachel Blizzard	Undergraduate Student	Music and Worship	America's Discovery of the Arts after the Industrial Revolution
4:00 PM	Maria Confer	Undergraduate Student	Music and Worship	Engaging the Public with New Music: The Roles of the Public, the Composer, and the Educator

SSC 246				
Time	Authors	Position	Department	Abstract Title
1:00 PM	Adam J. Hammett Nathan A. Harold Tucker R. Rhodes	Faculty, Undergraduate Student	Science and Mathematics	Does logic help us beat Monty Hall?
1:30 PM	Michael Sprague	Undergraduate Student	Science and Mathematics	Understanding Feathered Dinosaurs
2:00 PM	Holly Robinson, Teara Caston, Leane Ewert, Jessica McDonald, Emily Crabb	Undergraduate Student	Social Work	Women's Rights Violations in Prison
2:30 PM	Jesse A. Childress, Ashley Hand, Lauren Pullins, Emily Rutherford, Michelle Tye	Undergraduate Student	Social Work	The Cyclical Relationship between Generational Poverty and Poor Education: Breaking the Barrier in Haiti
3:00 PM	Rebecca A. Simpson, Kelley M. Vernon, Daniel C. Marquez, Kylie A. Corbett, Breanna L. Bishop	Undergraduate Student	Social Work	Foreign Aid
3:30 PM	Charlotte Lively, Sarah Platenga, Kennan Schwartz, Alysia Bey, Emilie Delgado	Undergraduate Student	Social Work	Unethical Business and Fair Trade

Performance Presentations

DMC 152 - Recital Hall				
Time	Authors	Position	Department	Abstract Title
1:00 PM	Christopher DeShields	Undergraduate Student	Music and Worship	Ernest Bloch's Suite Hebraique: Far-Away Images
1:30 PM	Luke J. Williams	Undergraduate Student	Music and Worship	Melodic Voicing: How to have a professional sounding Melody in 7 weeks
2:00 PM	Wesley Y. Kane	Undergraduate Student	Music and Worship	Desenclos' Prelude, Cadence et Finale: Harmonic Progression and Motivic Content Achieved through Solo Voice
2:30 PM	Joseph Morris	Undergraduate Student	Music and Worship	The Gregson Tuba Concerto Movement 1