



Stevens Student Center (SSC)
Upper

Poster Presentations

SSC Upper Lobby

Location	Abstract Authors	Position	Department	Poster Judging	Abstract Title
1	Lorna C. Timmerman, Ruth E. Jefferson	Faculty	Education	Yes	Anxiously Anticipating! A Parallel Journey to an Art and Equestrian Camp for Children with Disabilities
2	Frederick G. Harmon, Jared Newman, Grayson Dearing, Luke Tomlinson	Faculty, Undergraduate Student	Engineering and Computer Science	Yes	AC Power Monitoring System
3	Schuyler E. Price, Lorrin Schoeneweis, Hannah Steele, Timothy L. Norman	Undergraduate Student	Engineering and Computer Science	Yes	Spinal Implant Design and Subsidence
4	Sam Stanaford	Undergraduate Student	Engineering and Computer Science	Yes	Finite Element Analysis of Spinal Implant Design
5	Sarah E. Orr	Undergraduate Student	Kinesiology and Allied Health	Yes	The Effects of Social Support on Compliance In Rehabilitating Collegiate Athletes
6	Isaac S. Beckler	Undergraduate Student	Kinesiology and Allied Health	Yes	Risk Factors for Concussion in Collegiate NCAA Division II Men's and Women's Soccer Athletes
7	Megan Anderson	Undergraduate Student	Kinesiology and Allied Health	No	Hydration and Fluid Replacement Knowledge in High School Football Athletes
8	Rachel Lamb	Undergraduate Student	Kinesiology and Allied Health	No	Chiropractic Physicians' Knowledge of Pediatric Concussions
9	Hannah Gualtieri	Undergraduate Student	Kinesiology and Allied Health	No	Nutritional Knowledge among Athletic Teams
10	Matthew Kuo, Hannah I. Stedje, Michael S. Weller	Faculty, Undergraduate Student	Kinesiology and Allied Health	No	Factors Contributing to Professional Self-Efficacy Levels in Recently Graduated Certified Athletic Trainers

11	Daniel Herring, Kyle Cherry	Undergraduate Student	Kinesiology and Allied Health	Yes	Predictive Value of The Functional Movement Screen as it Relates to Anterior Cruciate Ligament Injury
12	Carly R. Gregory	Undergraduate Student	Kinesiology and Allied Health	No	Effects of Antiepileptic Medications on Bone Density in Individuals with Intellectual and Developmental Disabilities
13	Emily Sutter, Jenna Classen, Shannon Davis	Undergraduate Student	Nursing	Yes	The impact of an 8 hour versus 12 hour shift for registered nurses: An integrative review
14	Brittany Humphreys, Jennifer Stallard, Lydia Cook	Undergraduate Student	Nursing	Yes	The Effects of Faith-Based Therapy Versus Secular Therapy on Substance Abuse Treatment
15	Kara Kistler, Melissa Soule	Undergraduate Student	Nursing	Yes	Preventing Pressure Ulcers in Adults: An Integrative Review
16	Micah F. Bernard	Graduate Student	Pharmacy	Yes	College Student FASDs Awareness and Attitudes
17	Nicholas Rudy, Aleda M.H. Chen, Chelsea R. Manion, Hannah Chittenden, David Fisher, Emily Bruce, Abigail Moon, Lia G. Hickinbotham, Eric Blizzard, Kristi L. Coe	Faculty, Graduate Student	Pharmacy	Yes	A Systematic Review of the Cost-Effectiveness of Chemotherapy Regimens
18	Laura Cummings, Ashley J. Smith, Michael D. Pelyhes, Zachary N. Jenkins, Phillip L. Tornton, Maurice Lee, William Matcham	Faculty, Graduate Student	Pharmacy	Yes	Evaluating Interprofessional Fast Forward Rounds for Transition of Care Education

19	Kasandra Chambers, Jon R. Austin	Faculty, Graduate Student	Pharmacy	Yes	Assessing medication redistribution practices between long-term care facilities, free clinics, and charitable pharmacies in Ohio
20	Jeb Ballentine, Emily M. Laswell, Anna M. Smith, Jacques N. Allou, Jeniffer George, Jessica E. Amtower, Nicholas C. Daniels	Faculty, Graduate Student	Pharmacy	Yes	The Impact of Free Health Screenings at Community Pharmacies on Diabetes
21	Brittany M. Santee, Samson Amos, Denise S. Simpson, Trevor Stump, Lauren P. Williams, Chelsae Heinze, Rachel Kunze	Faculty, Graduate Student	Pharmacy	Yes	The Effects of Apigenin on Cell Proliferation and Apoptosis in Glioblastoma Multiforme
22	MeiLing G. Norfolk, Rocco J. Rotello	Faculty, Undergraduate Student	Pharmacy	No	Validation of Humanized Monoclonal Mouse Antibodies
23	Melissa J. Beck, Akwasi Appiah, Jasmine Gunti, Victoria Bumgardner, Caleb Tang	Graduate Student	Pharmacy	Not Applicable	The Impact of a Flipped Classroom Compared to Lecture-Based Teaching on Achieving Course Outcomes
24	Samuel Franklin, Elizabeth Aziz, Ankit Pandav, Abigail Savino, Caleb Thompson, Caleb VanDyke, Ruth Choi, Elisha R. Injeti	Faculty, Graduate Student	Pharmacy	Yes	Herb-drug interaction of andrographolide on the pharmacokinetics of carbamazepine in rats

25	Denise S. Simpson, Marshall C. Johnson, David T. Bancroft, Robert L. Paris	Faculty, Undergraduate Student	Pharmacy	Yes	Investigation of the effects of growth environment on the ferric reducing antioxidant power of selected plant species
26	Trevor Stump, McKenzie Shenk, Karissa C. Chow, Becky Brown	Graduate Student, Undergraduate Student	Pharmacy	Yes	Effects of High-Fidelity Simulation on Student Perceptions of Interprofessional Education
27	Nicole M. Tiffan, Ruth L. Markham, Lauren A. Kuhlwein, Heidi M. Gibbs	Faculty, Undergraduate Student	Psychology	Yes	The Personal Effects and Experiences of Being a Full-Time Firefighter: A Qualitative Study
28	Michael W. Firmin, Taylor E. Hobbs, Aubrey Gillette, Hannah Foster	Faculty, Undergraduate Student	Psychology	Yes	A Qualitative Assessment of Military Kids
29	Michael W. Firmin, Aubrey Gillette, Taylor E. Hobbs	Faculty, Undergraduate Student	Psychology	Yes	Effects of Olfactory Sense on Chocolate Craving
30	Dan J. Case, Charles D. Dolph, Devin M. Welsh	Undergraduate Student	Psychology	No	The Motivation to "Like": Do "likes" Cause Conformity on Social Media?
31	Michael W. Firmin, Kristin DeWitt, Lauren A. Kuhlwein, Taylor E. Hobbs, Aubrey Gillette	Undergraduate Student	Psychology	Yes	Relationships and Client Protection Differences in the APA and ACA Ethical Codes
32	Taryn Viers, Ashley Laird, Ashley Dibert, Ruth Markham	Faculty, Undergraduate Student	Psychology	No	Reverse Freshman Fifteen
33	Ashley Dibert, Ashley Laird, Di Wu	Undergraduate Student	Psychology	No	The Effects of Style on First Impressions

34	Gabrielle E. Metzler, Chi-en Hwang, Elizabeth Stokes	Faculty, Undergraduate Student	Psychology	Yes	The Relationship Between Music Preference, Moral Competence, and Spiritual Well-being in Christian College Students
35	Ruth L. Markham, K.C. Pugh, Valerie A. Sohn, Emily N. Gentry	Faculty, Undergraduate Student	Psychology	Yes	Perspectives on Adoption from Christian Adoptive Parents: A Qualitative Study
36	Ying-Ruey Chuang	Undergraduate Student	Psychology	No	Differences in Perceptions Between College Students and Professors
37	Kari E. Barnhill, Hannah Foster, Michael W. Firmin, Deborah Lawrence, Ying-Ruey Chuang	Faculty, Undergraduate Student	Psychology	Yes	The Social Psychology of Public Defenders
38	John W. Behnke, David Dombrowski, Bryce C. MacTurk, Matthew S. Merial, Kenneth W. Ward, Daniel J. Stank, Heather G. Kuruvilla	Faculty, Undergraduate Student	Science and Mathematics	Yes	A Netrin-3 Like Protein is Secreted from <i>Tetrahymena thermophila</i>
39	Matthew S. Merial, Heather G. Kuruvilla	Faculty, Undergraduate Student	Science and Mathematics	Yes	Further Biochemical Evidence for Secretion of a Netrin-1 Like Protein from <i>Tetrahymena</i> <i>thermophila</i>
40	Christian Hayes	Faculty	Science and Mathematics	Yes	Does recreational diving alter hawksbill sea turtle foraging behavior? Results from a marine protected area, Honduras
41	Sean B. O'Donnell	Undergraduate Student	Science and Mathematics	Yes	The Petrology and Geochemistry of the Independence Dike Swarm, Owen's Valley, California
42	John H. Whitmore	Faculty	Science and Mathematics	No	Preliminary Correlation and Isopach Map of Pennsylvanian and Permian Sandstones of the Western United States

43	Joshua W. Perez	Undergraduate Student	Science and Mathematics	Yes	Correlation of Basal Cambrian Sandstones across North America
44	Calvin J. Anderson	Undergraduate Student	Science and Mathematics	Yes	Growth of Synthetic Silver Wires from Natural Acanthite
45	Jacob L. Brown, Jason R. Leigh, Ryan Marquardt, Cambria R. Puffenberger, Daniel J. Stank, Kaleb M. Pauley	Faculty, Undergraduate Student	Science and Mathematics	No	Optimization of fluorescent phagocytic assay using apoptotic cells
46	Victoria Couser	Undergraduate Student	Science and Mathematics	Yes	Identifying the Ordinary High Water Mark through the Use of UAVs
47	Nolan Shula	Undergraduate Student	Science and Mathematics	Yes	Laboratory Determination of Porosity for a Vugular Carbonate Core Section by Water Immersion Method - Is It Effective Porosity?
48	Andrew B. Berman, Kelsey Gentry, Alexander K. Lee, Molly Yandrofski, Malorie Young, Robert L. Paris	Faculty, Undergraduate Student	Science and Mathematics	Yes	Determining concentration of alpha gliadin subcomponent in wheat
49	Mark Philip Guilliams, Samantha Jean Lefaive, Michael David Sprague	Undergraduate Student	Science and Mathematics	Yes	Microstructures Produced by Hadrosaur Bones from Alaska and Wyoming
50	Connor J. Gilmour, Randy Howell, David Paulding, Charles William Reynolds, Mark A. Gathany	Faculty, Undergraduate Student	Science and Mathematics	Yes	Relations Between Stream Chemistry, Fish Diversity, And Land Use In The Upper Little Miami Watershed.
51	Emily Jackson	Undergraduate Student	Science and Mathematics	Yes	Correlation of Navajo-Aztet-Nugget Sandstones, Western United States
52	Brett M. Kendra	Undergraduate Student	Science and Mathematics	Yes	Using UAVs to Establish a Visual Baseline of Flow Conditions at USGS Stream Gauge Sites

53	Rachel Holmes, Kathryn Meyer	Undergraduate Student	Science and Mathematics	Yes	Preliminary Results of Radiohalos from Four Sites of Precambrian Minnesota Granite
54	Connor Smith	Undergraduate Student	Science and Mathematics	Yes	Pike County, OH: A case study in building repeatable method for creating a landslide susceptibility map.
55	Michael Prague	Undergraduate Student	Science and Mathematics	Yes	On the Aquatic Habits of Sauropods – An Antiquated Theory in Need of Revival?

Podium Presentations

SSC 240				
Time	Authors	Position	Department	Abstract Title
1:00 PM	Brittany Kopas, Bethany Hull, Maggie Weyandt, Jessica Rabenstein	Undergraduate Student	Social Work	The Impact of Kinship Care on Children
1:50 PM	Joy Lindner, Jenna Parker, Sara Rogers, Erin E. Scott	Undergraduate Student	Social Work	Conflict Minerals
2:40 PM	Susanna R. Mathew, Rachel Accas, Jervonne Ward, Ellery Kent	Undergraduate Student	Social Work	Foreign Aid
3:30 PM	Kylie E. Faxon, Daejanna Preston, Amanda Stables, Sarah Powazki	Undergraduate Student	Social Work	Transnational Terrorism
4:20 PM	Jessica Schneider, Molly Stark, Yi-Wen Chin, Jillyan Misiak	Undergraduate Student	Social Work	The Syrian Refugee Crisis

SSC 241				
Time	Authors	Position	Department	Abstract Title
1:00 PM	Rachel M. Schloneger	Undergraduate Student	English, Literature, and Modern Languages	Should English Spelling be Reformed?: A History of English Spelling
1:20 PM	Brandon Best	Undergraduate Student	English, Literature, and Modern Languages	Tom Bombadil and Goldberry: Romantic Theology as Revelation in Tolkien's The Lord of the Rings

1:40 PM	Thomas Fisher	Undergraduate Student	Science and Mathematics	Associations of Religious Involvement and Mortality: A Critical Review
2:00 PM	Ryan Cushman, Adam J. Hammett	Faculty, Undergraduate Student	Science and Mathematics	On a Multiple-Choice Guessing Game
2:20 PM	David M. Anson, Samson Amos, Robert L. Paris, Denise S. Simpson	Faculty, Undergraduate Student	Science and Mathematics	The Effect of Luteolin on Human Glioblastoma
2:40 PM	Stanley Schwartz	Undergraduate Student	History and Government	Inspiration or Distraction: Eugene Debs at the head of American Socialism 1895-1921
3:00 PM	Andrew R. Perkins	Undergraduate Student	History and Government	Not Written in Letters of Blood: The Forgotten Legacy of the Army of the Cumberland
3:20 PM	Christian Ellis	Undergraduate Student	History and Government	An Examination of Abraham Lincoln's Racial Views
3:40 PM	Anna Evans	Undergraduate Student	History and Government	Music in India: An Overview
4:00 PM	Sorrel Paris	Undergraduate Student	History and Government	Christian Socialism: A Critique

SSC 245				
Time	Authors	Position	Department	Abstract Title
1:00 PM	Josiah Keith	Undergraduate Student	Music and Worship	Identity in Music
1:20 PM	Nate J. Chester	Undergraduate Student	Music and Worship	An Unusual Success: A Study of Modern Pop Music
1:40 PM	Calvin Hitchcock	Undergraduate Student	Music and Worship	Musica in tempore belli: An analysis of "Black Angels"
2:00 PM	Brittney S. Mitchell	Undergraduate Student	Music and Worship	The Secret Society of Opera
2:20 PM	Janelle R. Finley	Undergraduate Student	Music and Worship	From Bows to Sound-chests: Tracing the Ancestry of the Violin
2:40 PM	Hannah M. Rinehart	Undergraduate Student	Music and Worship	"Musical Fury": Impressing Through Expressing in Baroque Improvisation
3:00 PM	Daniel Galey	Undergraduate Student	Music and Worship	Improvisation: The History of Unplanned Notes in Structured Music
3:20 PM	Kaleigh M. Kenney	Undergraduate Student	Music and Worship	Life-Like: American Society and the Early to Mid-Twentieth Century Musical

3:40 PM	Joshua Taylor	Undergraduate Student	Music and Worship	Musically Russian: Nationalism in the Nineteenth Century
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SSC 246				
Time	Authors	Position	Department	Abstract Title
1:00 PM	Sarah R. Plumley	Undergraduate Student	Music and Worship	Coursing with Coils: The Only Orchestral Instrument Harder Than the French Horn
1:20 PM	Jonathan M. Lyons	Undergraduate Student	Music and Worship	From Silence to Golden: The Slow Integration of Instruments into Christian Worship
1:40 PM	Joshua D. Drake	Undergraduate Student	Music and Worship	Birth of the Pipes: The Organ from its Beginnings through the Baroque Era
2:00 PM	Sean A. Kisch	Undergraduate Student	Music and Worship	In the Shadow of Petrucci: Why Attaignant and his Methods are Lost in History
2:20 PM	Jillissa A. Brummel	Undergraduate Student	Music and Worship	From Sin to Sensation: the Progression of Dance Music from the Medieval Period Through the Renaissance
2:40 PM	Alisha Symington	Undergraduate Student	Music and Worship	Music and Athletics: An Inseparable Bond
3:00 PM	Kirsten E. Saur	Undergraduate Student	Music and Worship	Swing It Sister: The Influence of Female Jazz Musicians on Music and Society
3:20 PM	Brandon Apol	Undergraduate Student	Music and Worship	Sing About Me: Kendrick Lamar in Posterity
3:40 PM	Rachel Stevenson	Undergraduate Student	Music and Worship	The Interwoven Evolution of the Early Keyboard and Baroque Culture

Performance Presentations

SSC Devries Theatre				
Time	Authors	Position	Department	Abstract Title
12:40 PM	Michaela S. Wade	Undergraduate Student	Music and Worship	A Historically Informed Performance of a Woman's Love and Life