Poster Presentation Winners

Poster Session 1: Art Exhibit, Theater, and Dance

3. Suwatana Rockland, Theater & Dance
A comparison education between two countries

Poster Session 2: Architecture & Design

6. Hajar Rajab, Architecture & Environmental Design, Floating lightweight concrete blocks made from dredged material

Poster Session 3: Biological Sciences

11. M Rumman Hossain, Biological Sciences, Bacterial colonization on different microplastics in a local stream in Northeast Ohio

Poster Session 4: Biomedical Sciences I


Poster Session 5: Biomedical Sciences II

21. Devanshi Mehta, Biomedical Sciences, The importance of diurnal corticosterone rhythms in regulating mood

Poster Session 6: Communication, Information, and Computer Science

25. Pavan Poudel, Computer Science, Adaptive versioning in transactional memories

Poster Session 7: Chemistry & Biochemistry I

28. Payel Datta, Chemistry & Biochemistry, Liposomal Formulation of a Cholesterol-Conjugated Pt(IV) Prodrug of Cisplatin

Poster Session 8: Chemistry & Biochemistry II

33. Pramila Poudyel Ghimire, Chemistry & Biochemistry, Development of nickel-incorporated MCM-41-carbon composites and their application in nitrophenol reduction

Poster Session 9: Ecology and Evolutionary Biology I

36. Christian Bullion, Ecology and Evolutionary Biology, Using Crowdsourced Data to Analyze Patterns in Odonate Phenology

Poster Session 10: Ecology and Evolutionary Biology II

42. Cynthia Perkovich, Ecology and Evolutionary Biology, Protein: carbohydrate ratios in the diet of Lymantria dispar (gypsy moth) affect its ability to digest tannins

Poster Session 11: Education, Health, and Human Services I

49. Shabnam Moini Chaghervand, Teaching, Learning, & Curriculum, ESL teachers' perception of being an effective instructor
Poster Session 12: Education, Health, and Human Services II

55. Stephanie Schafer, Lifespan Development & Educational Sciences, The effects of caregiver-implemented strategies on child’s communication skills

Poster Session 13: Fashion

60. Michelle Park, Fashion, Disrupting lymphedema through garment design and coloration

Poster Session 14: Geography

64. Sandra Bempah, Geography, Monitoring Health Environments in Slums

Poster Session 15: Geology

73. Sydney Laubscher, Geology, Manganese dissolution kinetics and uptake rates by red maple trees in soils

Poster Session 16: Liquid Crystal

74. Ahlam Nemati, Liquid Crystal Institute, Amplification of chirality in axial chiral ligand by an enhancement of anisotropy factor of nanorods

Poster Session 17: Mathematics

79. Mirjeta Pasha, Mathematics, Medical Image reconstruction by linearized Bregman iteration with non-negativity constraint

Poster Session 18: Neuroscience I

83. Zahra Ghasemahmad, Neuroscience, Valence of Mating but not Restraint

Poster Session 19: Neuroscience II

87. Alyx Weaver, Neuroscience, The Effect of Exercise on Brain Hemoglobin Expression in Rats

Poster Session 20: Nursing

94. Dawn Troup, Nursing, Enhanced recovery after surgery for hysterectomy

Poster Session 21: Physiology I

96. Bryan Dowdell, Exercise Physiology, Does high-cadence cycling improve emotional recognition in individuals with Parkinson’s Disease?

Poster Session 22: Physiology II

102. Meredith Paskert, Exercise Physiology, Aging and autonomic modulation in women: Using resistance exercise as a countermeasure

Poster Session 23: Psychological Sciences I

103. Jordan Adkins, Psychological Sciences, Differences Exist for training intensity required for safety learning in male and female mice

Poster Session 24: Psychological Sciences II

108. Carli Obeldobel, Psychological Sciences, The relationship between mother-child attachment, depressive symptoms,
and emotion regulation in middle childhood

Poster Session 25: Public Health and Education

112. Megan Anderson, Public Health, Analysis of mental health referrals by university status and personality characteristics following Mental Health First Aid training

Poster Session 26: Sociology

119. Rusty Schnellinger, Sociology, Contextualizing the epidemic: The role of neighborhood in non-medical use of prescription drugs

Fine Arts Performance Winners

Music

Efferus String Quartet with Maria Florez, Paula Castaneda, Irene Guerra, and Cristian Diaz, Music, String Quartet #9 in E-flat major, op. 117. D. Shostakovich

Creative Writing

Bonné de Blas, NEOMFA, Excerpts from: La Ciudad de las Calles de Ramón y Cajal
Oral Presentation Winners

Oral Session 1: Anthropology, History, and Communications
Room 313

Michael Wilson, Anthropology, Does it stick? Using thermoplastic vs. organic-based adhesives in experimental prehistoric ballistics weaponry testing

Oral Session 2: Bioinformatics
Room 308

Nazar Hussein, Cellular and Molecular Biology, A novel Regulatory Role of TRAPPC9 in Osteoarthritis

Oral Session 3: Biological Sciences
Room 306A

William Feng, Biological Sciences, The role of the fatty acid transporter CD36 in the therapeutic resistance of HER2-positive breast cancer cells

Oral Session 4: Chemistry & Biochemistry
Room 313

Pramila Poudyel Ghimire, Chemistry & Biochemistry, Histidine-assisted nickel incorporation in MCM 41-carbon composite and its application in nitrophenol reduction compounds using (coumarin-4-yl)methyl-based phototriggers

Oral Session 5: Digital Humanities I
Room 310AB

Josiah Murphy (and Matt Wong), Teaching English as a Second Language, Want to buy some snake oil? Enhance listening and speaking fluency in the English as a second/foreign language classroom

Oral Session 6: English & Library Sciences
Room 318

Ted Daisher, Teaching English as a Second Language, Do the Authentic and Graded Reader Versions of Texts Differ in their Collocation Content?

Oral Session 7: Teaching & Pedagogy I
Room 315

Tracy Arner and Rachael Todaro, Educational Psychology, Flipping the Educational Psychology classroom: Investigating the relation between instructional design, learning strategy use, and retention

Oral Session 8: Higher Education in Global Perspective
Room 306B

Liangtao Ni, Cultural Foundations of Education, China’s “world-class universities” reform policy and the experiences of the Chinese higher education faculty in the American universities

Oral Session 9: Material Science I
Room 306C

Runa Koizumi, Liquid Crystal Institute, Swimming bacteria swirl around nematic attractors

Oral Session 10: Medical Humanities I
Room 309
Samantha Ortiz, Behavioral Neuroscience, 
Corticosterone administration after early adolescent stress selectively blocks stress-induced potentiation of morphine place preference in adulthood

Oral Session 11: Identity in a Global Context
Room 319

This special session will focus on “Communicating Gender in a Global Context: International Constructions of Identity.”

Nahla Bendefaa, Session Chair, Communication Studies

Oral Session 12: Materiality
Room 313

Brittany Hujar, Art History, Kozo Miyoshi: An Interpretation of Water Through Photography

Oral Session 13: Material Science II
Room 306C

Babak Salehi Kasmaei, Physics, Production and flow of dileptons from quark-gluon plasma

Oral Session 14: Medical Humanities II
Room 309

Erica Marshall, Exercise Physiology, Autonomic Modulation After High-Intensity Heavy Rope Exercise in Resistance-trained Individuals

Oral Session 15: Music & Ethnomusicology
Room 318

Andrew Blake, Music Theory, Voice-leading and implied tonality in quarter tone spaces: “Chorale”, from Ives’ “Three Quarter-Tone Pieces”

Oral Session 16: Political Science
Room 306A

Ikhsan Darmawan, Political Science, Evoting Adoption in Many Countries: A Review of the Literature

Oral Session 17: Student Voice after Parkland
Room 306B

Danielle Weiser-Cline, Cultural Foundations, I Am Not Throwing Away My Shot: Theatre Education, Political Engagement, and the #NeverAgain Movement

Oral Session 18: Environmental Science
Room 308

Lindsey Yazbek, Geology, Speciation and transport in a coal mine drainage impacted stream

Oral Session 19: Teaching and Pedagogy II, Room 315

Kayla Morehead, Cognitive Psychology, How much mightier is the pen than the keyboard for note-taking? A replication and extension of Mueller and Oppenheimer (2014)
Oral Session 20: Digital Humanities II
Room 310AB

Naser Al Madi, Computer Science, Poor Man's Research Eye-tracking Kit