

13th Annual Graduate Student Council Research Symposium Schedule of Events

8:00-9:00	Registration	Pearson Lobby
8:45-9:00	Judges Meeting	Pearson 106
9:00-9:15	Opening Remarks, Dean Lynne Pepall	Pearson 104

9:20-10:40 **Session IA** **Pearson 104**

Karen Claire Kosinski, Civil and Environmental Engineering (p. 5)
Assessment of Risk Factors for and Prevalence of Urinary Schistosomiasis in a Rural Ghanaian Town

Yulya Truskinovsky, Economics (p. 14)
Social Network Effects on Health and Health Related Behaviors

Brett Boghigian, Chemical and Biochemical Engineering (p. 2)
Metabolic engineering for sustainable well-being: multi-scale engineering of a Taxol[®] precursor in Escherichia coli

Amber Karlins, Drama (p. 4)
Theatre as a Superordinate Goal: The Power of Theatre to Decrease Negative Stereotyping and Promote Healing Amongst Groups in Conflict

Alexandra Thorn, Biology (p. 13)
Modeling Plant Sectoriality and Root Foraging

9:20-10:40 **Session IB** **Pearson 106**

Mark David Kaufman, English (p. 5)
Ghosts in the Mirror: Giacomo Joyce and the Cinematic Gaze

Jenna L. Kubly, Drama (p. 6)
Vaudeville in America during the First World War

Fridrik Larusson, Electrical and Computer Engineering (p. 7)
Hyperspectral Image Reconstruction for Diffuse Optical Tomography

Matthew Van Lieshout, Mechanical Engineering (p. 14)
A Thermoelectric Module (TEM)-Variable Conductance Heat Pipe (VCHP) Assembly for Reduced Power Precision Temperature Control

Negin Toosi, Psychology (p. 13)
Essentialist Beliefs about Religious Identities

10:40-11:00 **Break** **Pearson Lobby**

11:00-12:20

Session 2A

Pearson 104

Nino Testa, English (p. 12)
Written in Blood: AIDS and the Subversion of Elegy

Philipp Opitz, Psychology (p. 9)
Neural Correlates of Gaze-directed Reappraisal in Younger and Older Adults

Michelle Kritselis, Drama (p. 6)
"As He Meant Them": Shaw and Poel's Approach to Shakespeare as a Musical Text

Janice S. Snow, Urban and Environmental Policy and Planning (p. 11)
Misunderstanding Soil Ecosystems: Consequences for Land, Water and Climate Policy

Mashhood Ishaque, Computer Science (p. 3)
Convex Partitions with 2-Edge Connected Dual Graphs

11:00-12:20

Session 2B

Pearson 106

Julia Prange, Urban and Environmental Policy and Planning (p. 10)
Towards Spatial Justice: Tales of Two Cities and the Mission for Just, Sustainable Communities

Radhika Joshi, Economics (p. 4)
Cross Sector Subsidies in Electricity Prices in Maharashtra, India

Alexandra Lauric, Computer Science (p. 7)
Automated Detection of Intracranial Aneurysms

Angela Speece, Art and Art History (p. 12)
Blind Collaboration-- Exploring the Child Within

Dmytro Say, Child Development (p. 11)
Phoenix – a student-run program for underprivileged children

12:20-1:20

Lunch

Pearson Lobby

1:20-2:40

Session 3A

Pearson 104

Tyler Ostergaard, Art and Art History (p. 9)
Shifting Iconography in Seventh and Tenth Century Armenian Architecture: The Ideological Significance of the Zvart'nots and Gagkasen

Mirit Barzillai, Child Development (p. 1)
How knowing about a 'bear' bears on reading and comprehension: Exploring the complexity of vocabulary knowledge and its relation to reading

Clayton Deaver Drinko, Drama (p. 3)
Shakespearean Flow: Psychological Possibilities of an Improvisational Performance Technique at the Globe

Alireza Aghasi, Electrical and Computer Engineering (p. 1)
Electrical Resistance Tomography Using Adaptive Compactly Supported Radial Basis Functions

Tammy Zborel, Urban and Environmental Policy and Planning (p. 15)
"Nudging" towards sustainability: How behavioral science can inform policies promoting pro-environmental behavior at the household level

1:20-2:40

Session 3B

Pearson 106

Alicia Doyle Lynch, Child Development (p. 8)
Examining the Differential Influences of Coursemates and Friends in Adolescent Academic Achievement

Lee Butterman, Classics and Classical Archaeology (p. 2)
NoDictionaries.com: a new approach to reading Latin

Dan Zinder, Urban and Environmental Policy and Planning (p. 15)
Youngstown 2010 and Beyond: Smart Decline as a Remedy for the Shrinking City

Paul Masters, Drama (p. 8)
The Once and Present King Richard II

Eleanor Pritchard, Biomedical Engineering (p. 10)
Silk Microspheres for Controlled Release Applications

2:40-3:30	Break	Pearson Lobby
2:50-3:30	Judges Meeting	Pearson 106
3:30-4:00	Awards and Closing Remarks, Dean Sergio Fantini	Pearson 104