USF Undergraduate Research Symposium

Draft Schedule

Thursday, March 27

9am – 3pm

Cleveland Center

**Light Breakfast for Presenters and Moderators (8:30am)**

Atrium

**Session 1 (9-10:15am)**

Honors 1

Cleveland 206

Moderator: Cheri Kovalenko

Kayda Vanden Berg, “Reducing Nausea and Vomiting using Non-Pharmacologic Interventions: A Systematic Review”

Emily Brace, “Knowledge and Attitude of EMDR Therapy”

Data Science 1

Cleveland 207

Moderator: Shawn Chiappetta

Dylan Ruder, “NBA Draft Pick Efficiency”

Will Hoffman, "Predicting NFL Receiver Performance: A Neural Network Approach to Fantasy Football Statistical Forecasting"

**Session 2 (10:15-11:30am)**

Computer Science 1

Cleveland 206

Moderator: Shawn Chiappetta

Michael Schnieder, “Bridging the Cyber Security Skill Gap Through Simulation Training”

Ethan Jordan, "A Comparison of Physics Engines via Trebuchets"

Honors 2

Cleveland 207

Moderator: Jenny Bangsund

Kennedy Hansen-Essem, “The Impact of Educational Involvement”

Annika Leewarner, “Motivation for Musicianship: The Power of Assessment in Secondary Choral Music Education”

**Lunch and Keynote Speaker David O’Hara (11:30am-12:45pm)**

Cleveland 106

For all presenters and faculty.

“Fish, Forests, and the Religious Architecture of Water”

Dr. David O’Hara

Speaker Bio

*David O’Hara is Professor of Philosophy, Religion, Classics, and Environmental Studies at Augustana University, where he is also Director of Sustainability and Environmental Studies, and Clara Lea Olsen Professor of Christian Values. He holds degrees in Spanish, “Great Books,” and Philosophy, and he regularly teaches classes and does field ecology research in Alaska and Central America. He studies the legal, cultural, biological, and religious relationships between terrestrial and aquatic ecosystems. HIs most recent books are on brook trout and on the environmental vision of C.S. Lewis.*

**Session 3 (12:45-2:00pm)**

Honors 3

Cleveland 222

Moderator: James Foster

Dylan Haugen, "Predicting Car Accidents Using Pattern Recognition and Data Modeling"

Gunner Gould, “Platonic: A Short Film”.

Computer Science/Math 1

Cleveland 206

Moderator: Jason Douma

Sean Flaherty “The Fibonacci Sequence and the Golden Ratio in Musical Composition”

Donald Shipp, “The Blockchain Trilemma = Interoperability”

Computer Science 2

Cleveland 207

Moderator: Victor Larsen

Christian Lietz “City Chat: A Dive into Web Application Development”

Austin Trumble “Training AI to create music”

**Cookies, Choir, and Art Reception (2:00-2:30pm)**

Art in the Mezzanine

Choir in the Atrium

**Social Sciences Area Awards (2:30-3:00)**

Cleveland 206