Oral Presentations

Session IV
Faculty Moderator: Denise Meringolo, History

Session III
Faculty Moderator: Marc Zupan, Mechanical Engineering

1:30 – 1:45 p.m.  Joshua Betz  Psychology
“Backpropagation Analysis of Silent Cerebrovascular Disease and Cognitive Function in a Community-Dwelling Adult Sample”
Professor Shari Waldstein, Mentor
Professor Tülay Adali, Mentor

1:45 – 2:00 p.m.  Devin Burns  Mechanical Engineering
“Mechanical Properties of Electroformed Fused Deposition Modeled-Copper-Nickel Hybrid Materials”
Professor Marc Zupan, Mentor

2:00 – 2:15 p.m.  Brandon Johnson  Mechanical Engineering
“Improving Mechanical Properties of PMMA Bone Cement with Nano and Micro Particles”
Professor Tim Topoleski, Mentor

2:15 – 2:30 p.m.  Anna An  Music
“Adventure in Learning the Language of Music”
Professor Airi Yoshioka, Mentor

2:30 – 2:45 p.m.  Anastasia Feaster  History
“Hispanic Heritage Month and Hispanic Identity”
Professor Denise Meringolo, Mentor

2:45 – 3:00 p.m.  Eric Wieczorkowski  Physics
“Modeling the X-ray Continuum in Seyfert Galaxies”
Professor Ian George, Mentor

3:00 – 3:15 p.m.  Tesla Stephenson  Chemistry
“UMB24 Analogs as Potential Metamphetamine Treatments”
Professor Andrew Coop, Mentor

3:15 – 3:30 p.m.  Oluwaseun Olayiwola  Chemical Engineering
“A Quantitative Model of Rho GTPases Network”
Professor Marijose Castellanos, Mentor