March 8, 2017
# Graduate and Postdoctoral Research Symposium

**March 8, 2017**

## Event Agenda

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<th>Time</th>
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<td>8:00-8:45 am</td>
<td>Session 1 Presenters Set up Posters</td>
<td>McGregor</td>
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<td>8:45-8:50 am</td>
<td>Welcome and Opening Remarks</td>
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<td>Dr. Ambika Mathur, Associate Provost and Dean of the Graduate School</td>
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<td>8:50-9:00 am</td>
<td>Orientation for Judges and Presenters</td>
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<td>Dr. Annmarie Cano, Associate Dean of the Graduate School</td>
<td>Community Arts Auditorium</td>
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<td>9:00-11:00 am</td>
<td>Judging for Posters</td>
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<td>11:00-12:15 pm</td>
<td>Lunch for Judges, Session 1 Presenters and Session 2 Presenters</td>
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<td>Judging for Posters</td>
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<td>3MT Presentations and Judging</td>
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<td>3:30-4:00 pm</td>
<td>Awards Ceremony</td>
<td>Community Arts Auditorium</td>
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Morning Session

1. Adabi, Saba (Doctoral Student)
   Department of Biomedical Engineering, College of Engineering
   Abstract Title: “Textural Analysis of Optical Coherence Tomography Skin Images.”
   Advisor: Nasiriavanaki, Mohammadreza

2. Anderson, Ashley (Doctoral Student)
   Department of Microbiology, Immunology, and Biochemistry, School of Medicine
   Abstract Title: “Mutations in ALIX-Binding Domains of HCMV pUL103, a Multifunctional, Herpesviridae-Conserved Tegument Protein, Greatly Impair Virus Replication.”
   Advisor: Pellett, Philip

3. Asgiriya Senevirathne, Vimukthi (Doctoral Student)
   Department of Chemistry, College of Liberal Arts and Sciences
   Abstract Title: “A Versatile New Method to Map Uracil Rich Regions in the Genome.”
   Advisor: Bhagwat, Ashok

4. Ashok Kumar, Srinivas (Master's Student)
   Department of Pharmaceutical Sciences, Eugene Applebaum College of Pharmacy and Health Sciences
   Abstract Title: “Pathological and Prognostic Role of Mdig in Pancreatic Cancer.”
   Advisor: Chen, Fei

5. Baier, Stefanie (Postdoctoral Scholar)
   Department - Academic Affairs, Division Student Success, College of Education
   Abstract Title: “New Pathways to Student Success: Developing Psychosocial Measures.”
   Advisor: Sawilowsky, Shlomo

6. Barati, Elaheh (Doctoral Student) and Rashedi, Elaheh (Doctoral Student)
   Department of Computer Science, College of Engineering
   Abstract Title: “Long-Term Face Tracking in the Wild Using Deep Learning.”
   Advisor: Chen, Xuewen

7. Bolton-Hall, Amanda (Postdoctoral Scholar)
   Department of Neurosurgery, School of Medicine
   Abstract Title: “A Role for Histone Deacetylases in Traumatic Brain Injury-Induced Escalation in Alcohol Misuse.”
   Advisor: Conti, Alana

8. Bosse, Kelly (Postdoctoral Scholar)
   Department of Neurosurgery, School of Medicine
   Abstract Title: “Enhanced Long-Term Sensitivity to Dependence-Induced Increases in Ethanol Intake but not Withdrawal-Related Anxiety After Early-Life Alcohol Exposure.”
   Advisor: Conti, Alana
9. **Chiu, Veronica (Postdoctoral Scholar)**  
   Department of Neurosurgery, School of Medicine  
   **Abstract Title:** “Effects of Comorbidity of Traumatic Stress and Ethanol Dependence in Mice.”  
   Advisor: Conti, Alana

10. **Chowdhury, Shrabanti (Postdoctoral Scholar)**  
    Department of Molecular Medicine and Genetics, School of Medicine  
    **Abstract Title:** “Bayesian Approach of Assessing Non-Inferiority of a New Treatment with Binary Outcome in a Three-Arm Trial.”  
    Advisor: Ghosh, Samiran

11. **Cornejo, Rebecca (Master’s Student)**  
    Department of English, College of Liberal Arts and Sciences  
    **Abstract Title:** “The Euphemism Lifespan: A Diachronic Study of Change in Euphemism Use in American English.”  
    Advisor: Progovac, Ljiljana

12. **Dhillon, Karamjeet (Master’s Student)**  
    Division of Kinesiology, Health and Sport Studies, College of Education  
    **Abstract Title:** “Creative Movement Narratives: Collective Sharing Within a Physical Activity Environment Amongst Convention Refugees.”  
    Advisor: Centeio, Erin

13. **Farrell, Allison (Postdoctoral Scholar)**  
    Department of Psychology, College of Liberal Arts and Sciences  
    **Abstract Title:** “Maternal Sensitivity, Adult Attachment Security, and Cardiometabolic Risk: A Prospective Longitudinal Study.”  
    Advisor: Slatcher, Richard

14. **Fatima, Afreen (Master’s Student)**  
    Department of Biomedical Engineering, College of Engineering  
    **Abstract Title:** 1. Very Low Cost And Portable Photo-Acoustic Imaging Probe for Determining the Skin Epidermal Layer Thickness and Melanin Concentration in Clinical and Cosmetic Dermatology.  
    2. Low Cost Photo-Acoustic Computed Tomography for Small Animal Brain Imaging.”  
    Advisor: Nasiri Avanaki, Mohammad Reza

15. **Gawde, Kaustubh (Master’s Student)**  
    Department of Pharmaceutical Sciences, Eugene Applebaum College of Pharmacy and Health Sciences  
    **Abstract Title:** “Combination of Folate Decorated Paclitaxel and 2,3- difluoro Curcumin for Treatment of Cervical and Ovarian Cancer.”  
    Advisor: Iyer, Arun
16. Haff, Leticia (Master's Student) and Krayem, Rania (Master's Student)  
Department of Physician Assistant Studies, Eugene Applebaum College of Pharmacy and Health Sciences  
Abstract Title: “Older Adults Share Perspectives on Health Care Received from Their Providers with Interprofessional Students During Home Visits.”  
Advisor: Gilkey, Stephanie

17. He, Runsheng (Postdoctoral Scholar)  
Department of Oncology, School of Medicine  
Abstract Title: “H3K4 Demethylase KDM5B Regulates Global Dynamics of Transcriptional Events in Embryonic Stem Cells.”  
Advisor: Kidder, Benjamin

18. Hurd, Kayla (Master's Student)  
Department of Anthropology, College of Liberal Arts and Sciences  
Abstract Title: “The "Other" Drug: Implementing Bird Grasshoppers as a Treatment for Anemia.”  
Advisor: Lesnik, Julie

19. Kamal, Swatabdi (Master's Student)  
Department of Biomedical Engineering, College of Engineering  
Abstract Title: “Monitoring HDAC Class Ila Activity in the Brain After Traumatic Brain Injury Using Noninvasive PET Imaging with 18F-TFAHA.”  
Advisor: Gelovani, Juri

20. Kashaw, Sushil (Postdoctoral Scholar)  
Department of Pharmaceutical Sciences, Eugene Applebaum College of Pharmacy and Health Sciences  
Abstract Title: “Docking Guided Virtual Screening of Pde4b Inhibitors for the Development of Drugs to Treat COPD: Exploring the Role of Water Molecules at Ligand Binding Domain.”  
Advisor: Iyer, Arun

21. Kordell II, Michael (Doctoral Student)  
Department of Physics and Astronomy, College of Liberal Arts and Sciences  
Abstract Title: “Event-by-Event Simulations of Jet Modification Using the MATTER Event Generator.”  
Advisor: Majumder, Abhijit

22. Lee, Jong (Master's Student)  
Department of Industrial and Systems Engineering, College of Engineering  
Abstract Title: “Constructing Reusable Medical Equipment Service Lifecycle Decision Rules.”  
Advisor: Kyoung-Yun, Kim

23. Leggett, Debbie (Master's Student)  
Department of English, College of Liberal Arts and Sciences  
Abstract Title: “Fermented Beverage Terminology as Wanderwörter.”  
Advisor: Progovac, Lillijana
24. Makki, Reem (Master’s Student)
Department of Biological Sciences, College of Liberal Arts and Sciences
Abstract Title: “A Luciferase Reporter for Recruitment of Dosage Compensation in Drosophila Melanogaster.”
Advisor: Meller, Victoria

25. Meyer, Danielle (Doctoral Student)
Department of Pharmacology, School of Medicine
Abstract Title: “Sublethal TCDD Exposure During Zebrafish Development Produces Multigenerational Testicular Abnormalities in Histology and Gene Expression.”
Advisor: Baker, Tracie

26. Mocko, Igor (Doctoral Student)
Department of Economics, College of Liberal Arts and Sciences
Abstract Title: “Survival in the Age of Austerity: Infant Mortality and Suicide Rates in PIIGS Countries Since the Great Recession.”
Advisor: Goodman, Allen

27. Mohan, Aravind (Doctoral Student)
Department of Computer Science, College of Engineering
Abstract Title: “DATAVIEW: A Big Data Workflow Management System.”
Advisor: Lu, Shiyong

28. Mooney, Heather (Doctoral Student)
Department of Sociology, College of Liberal Arts and Sciences
Abstract Title: “Total Institutions and Troubled Teens: Construction of Rehabilitated Selves.”
Advisor: Brumley, Krista

29. Mooney-Leber, Sean (Doctoral Student)
Department of Psychology, College of Liberal Arts and Sciences
Abstract Title: “Impact of Neonatal Pain and Reduced Maternal Care on Brain Development.”
Advisor: Brummelte, Susanne

30. Moore, Benjamin (Doctoral Student)
Department of Music, College of Fine, Performing & Communication Arts
Abstract Title: “Election Night: The Creative and Collaborative Process of Modern Opera.”
Advisor: Anderson, Jonathan

31. Murray, Andrew (Doctoral Student)
Department of Pharmacology, School of Medicine
Abstract Title: “Examining the Role of the Serine Peptidase TMPRSS13 in Breast Cancer.”
Advisor: Lost, Karin

32. Muthunayake, Nisansala (Doctoral Student)
Department of Chemistry, College of Liberal Arts and Sciences
Abstract Title: “In Vivo Expression of H69-Targeting Peptides in Bacteria.”
Advisor: Chow, Christine
33. **Naseem, Nayyer (Doctoral Student)**  
   Department of Marketing and Supply Chain, Mike Ilitch School of Business  
   **Abstract Title:** “Does Product Involvement and Ownership Influence the Drivers of Global Brand Purchases?: A Multidimensional Perspective.”  
   Advisor: Yaprak, Attila

34. **Ndombera, Fidelis (Doctoral Student)**  
   Department of Chemistry, College of Liberal Arts and Sciences  
   **Abstract Title:** “Targeting Cancer Cell Metabolism Using Small Molecule Inducers of Cellular Stress.”  
   Advisor: Ahn, Young-Hoon

35. **Nguyen, Hai Dang (Doctoral Student)**  
   Department of Mathematics, College of Liberal Arts and Sciences  
   **Abstract Title:** “Protection Zones for Survival of Species in Random Environment.”  
   Advisor: Yin, George

36. **Nowak, Alexandra (Doctoral Student)**  
   Department of Nursing, College of Nursing  
   **Abstract Title:** “Residential Greenness and Birth Outcomes.”  
   Advisor: Giurgescu, Carmen

37. **Palathanam, Teena (Master’s Student)**  
   Department of Family Medicine and Public Health Sciences, School of Medicine  
   **Abstract Title:** “Disaster Preparedness for the Faith Community Nursing and Health Ministries Network.”  
   Advisor: Rice, Dana

38. **Paudel, Sagar (Doctoral Student)**  
   Department of Physics and Astronomy, College of Liberal Arts and Sciences  
   **Abstract Title:** “Study of Top Gated WSe2 FET with 2D-2D Ohmic Contacts.”  
   Advisor: Zhou, Zhixian

39. **Pawlitz, Michael (Master’s Student)**  
   Department of Immunology and Microbiology, School of Medicine  
   **Abstract Title:** “Interleukin-33-Induced Expression of PIBF1 by Decidual B Cells Protects Against Preterm Labor.”  
   Advisor: Chen, Kang

40. **Pennar, Amy (Postdoctoral Scholar)**  
   Department of Family Medicine and Public Health Sciences, School of Medicine  
   **Abstract Title:** “Imagine That: Examining the Differential Effects of a New Adherence Intervention for Youth Living with HIV.”  
   Advisor: Naar-King, Sylvie
41. Perera, Samarage (Doctoral Student)
   Department of Chemistry, College of Liberal Arts and Sciences
   Abstract Title: “Synthesis, Structural Characterization, and Room Temperature
   Photoluminescence of Scheelite Phosphors.”
   Advisor: Rabuffetti, Federico

42. Poojary, Akshaya (Master's Student)
   Department of Mechanical Engineering, College of Engineering
   Abstract Title: “Investigation of Machinability of AISI 1040 Steel.”
   Advisor: Wu, Xin

43. Prassinos, Theodore (Doctoral Student)
   Department of English, College of Liberal Arts and Sciences
   Abstract Title: “Under the Sign of Suicide.”
   Advisor: Flatley, Jonathan

44. Raja, Vaishnavi (Doctoral Student)
   Department of Biological Sciences, College of Liberal Arts and Sciences
   Abstract Title: “Loss of Cardiolipin Leads to Perturbation of Acetyl-CoA Synthesis.”
   Advisor: Greenberg, Miriam L.

45. Ran, Shan (Doctoral Student)
   Department of Psychology, College of Liberal Arts and Sciences
   Abstract Title: “The Perils of Workplace Age Discrimination: Examining Moderating Effects.”
   Advisor: Dickson, Marcus

46. Rashed, Rajia (Doctoral Student)
   Department of Sociology, College of Liberal Arts and Sciences
   Abstract Title: “Structure, Gender, Tribalism, and Workplace Power.”
   Advisor: Dillaway, Heather

47. Ristic, Garcia (Doctoral Student)
   Department of Pharmacology, School of Medicine
   Abstract Title: “VCP Influences the Toxicity of the Polyglutamine Disease Protein Ataxin-3.”
   Advisor: Todi, Sokol

48. Rivas, Miguel (Master's Student)
   Department of Nutrition and Food Science, College of Liberal Arts and Sciences
   Abstract Title: “Short-Term Supplementation of Potato Starch and VSL#3 in Male C57BL/6
   Mice.”
   Advisor: Zhang, Yifan

49. Robles, Laura (Master's Student)
   Department of Geology, College of Liberal Arts and Sciences
   Abstract Title: “Characterizing Mineral Crystallographic Preferred Orientations (CPOs) Along the
   Eastern North American Margin in the Southern Appalachians: Implications for Middle and
   Lower Crustal Seismic Anisotropy.”
   Advisor: Brownlee, Sarah
50. Rodriguez Bontemps, Sandra (Doctoral Student)  
Department of Classical and Modern Languages, Literatures, and Cultures, College of Liberal Arts and Sciences  
Abstract Title: “Technological Challenges in “La Télévision” and "Faire l'amour" by Jean Philippe Toussaint.”  
Advisor: Cherry, Alina

51. Rodwell, Brooke (Doctoral Student)  
Department of Biological Sciences, College of Liberal Arts and Sciences  
Abstract Title: “Two Eukaryotic-Like Protein Kinases, Pkn8 and Pkn14, Control Sporulation in the Bacterium Myxococcus Xanthus.”  
Advisor: Higgs, Penelope

52. Roostaei, Javad (Doctoral Student)  
Department of Civil and Environmental Engineering, College of Engineering  
Abstract Title: “Life Cycle Optimization Analysis in CO2 Sequestration by Wastewater-Based Algae.”  
Advisor: Zhang, Yongli

53. Rosati, Rayna (Doctoral Student)  
Department of Oncology, School of Medicine  
Abstract Title: “Discovery of Small Molecule Drugs to Selectively Disrupt ELK1-Dependent Growth Signaling by AR in Castration-Resistant Prostate Cancer Cells.”  
Advisor: Ratnam, Manohar

54. Roy, Indrakshi (Doctoral Student)  
Department of Economics, College of Liberal Arts and Sciences  
Abstract Title: “Effects of the Great Recession on Older U.S. Workers and Their Compensation, Including Fringe Benefits.”  
Advisor: Jensen, Gail

55. Roy, Joydeep (Doctoral Student)  
Department of Physics and Astronomy, College of Liberal Arts and Sciences  
Abstract Title: “Imposing LHC Constraints on the Combined Anomaly and Z' Mediation Mechanism of Supersymmetry Breaking.”  
Advisor: Paz, Gil

56. Saadat, Nadia (Postdoctoral Scholar)  
Department of Nutrition and Food Science, College of Liberal Arts and Sciences  
Abstract Title: “Metabolomic Analysis of Plasma Metabolites in the Malaysian Population and its Correlation with Anthropometric and Metabolic Data.”  
Advisor: Gupta, Smiti

57. Samrat, Subodh (Postdoctoral Scholar)  
Department of Biological Sciences, College of Liberal Arts and Sciences  
Abstract Title: “Differential Degradation of Host Restrictive Factors by HSV-1 ICP0.”  
Advisor: Gu, Haidong
58. Sarma, Ashapurna (Postdoctoral Scholar)
   Department of Oncology, School of Medicine
   Abstract Title: “Exploring the Targeting Potential of Rad6B in Melanoma.”
   Advisor: Shekhar, Malathy

59. Sau, Samaresh (Postdoctoral Scholar)
   Department of Pharmaceutical Sciences, Eugene Applebaum College of Pharmacy and Health Sciences
   Abstract Title: “Folate Receptor Targeted Liposome for Treating Cancer and Autoimmune Diseases.”
   Advisor: Iyer, Arun

60. Schell, Maria (Doctoral Student)
   Department of Social Work and Anthropology, School of Social Work
   Abstract Title: “Interpersonal Violence and Protection Orders: Differences Between Women Who Do and Do Not Get a PO.”
   Advisor: Weisz, Arlene

61. Shi, Haoshen (Doctoral Student)
   Department of Anatomy and Cell Biology, School of Medicine
   Abstract Title: “Site Specific Phosphorylation of NF-kB p65 in Human Retinal Cells Exposed to Pro-Verus Anti-Inflammatory Cytokines Under High Glucose Conditions.”
   Advisor: Berger, Elizabeth

62. Shrestha, Utsab (Doctoral Student)
   Department of Physics and Astronomy, College of Liberal Arts and Sciences
   Abstract Title: “Ligand-Induced Dynamical Change of G-Protein-Coupled Receptor Revealed by Quasi-Elastic Neutron Scattering.”
   Advisor: Chu, Xiang-Qiang

63. Siraji, Ashfaqul Anwar (Doctoral Student)
   Department of Electrical and Computer Engineering, College of Engineering
   Abstract Title: “Investigation of Optical Nanostructures for Controllable and Tunable Optical Properties.”
   Advisor: Zhao, Yang

64. Siriwardena, Sachini (Doctoral Student)
   Department of Chemistry, College of Liberal Arts and Sciences
   Abstract Title: “Insights into the Structure, Functions and Malfunctions of APOBEC3 Family DNA-Cytosine Deaminases.”
   Advisor: Bhagwat, Ashok

65. Slater, Kristin (Master’s Student)
   Department of Biochemistry and Molecular Biology, School of Medicine
   Abstract Title: “Chikungunya Virus nsP2 protease: A Potential Therapeutic Drug Target.”
   Advisor: Kovari, Ladislau
66. Snapp, Erin (Doctoral Student)  
Division of Kinesiology, Health and Sport Studies, College of Education  
Abstract Title: “Physical Activity, Self-Reported Physical Functioning and Quality of Life in Stroke Survivors.”  
Advisor: Snapp, Erin

67. Stafford, Jaime (Doctoral Student)  
Center for Molecular Medicine and Genetics, School of Medicine  
Abstract Title: “Whole Exome Sequencing Identifies BRCA2 Truncating Variant K3326* as a Possible Modifier of Penetrance in Hereditary Ovarian Cancer.”  
Advisor: Tainsky, Michael

68. Sweidan, Wafaa (Doctoral Student)  
Department of Translational Neuroscience, School of Medicine  
Abstract Title: “Optical Coherence Tomography in Huntington's Disease.”  
Advisor: Seraji-Bozorgzad, Navid

69. Taghizadeh, Elham (Doctoral Student)  
Department of Industrial Engineering, College of Engineering  
Abstract Title: “Utilizing Artificial Neural Networks to Predict Demand for Weather-Sensitive Products at Retail Stores.”  
Advisor: Babu Chinnam, Ratna

70. Taha, Doaa (Doctoral Student)  
Department of Physics and Astronomy, College of Liberal Arts and Sciences  
Abstract Title: “Grain Boundary Properties and Collective Dynamics of Inversion Domains in Binary Two-Dimensional Materials.”  
Advisor: Huang, Zhi-Feng

71. Tang, Lingfei (Doctoral Student)  
Department of Psychology, College of Liberal Arts and Sciences  
Abstract Title: “Age-Related Differences in the Functional Connectivity of the Medial Temporal Lobe Support Successful Memory Encoding.”  
Advisor: Ofen, Noa

72. Thakur, Chitra (Postdoctoral Scholar)  
Department of Pharmaceutical Sciences, Eugene Applebaum College of Pharmacy and Health Sciences  
Abstract Title: “MDIG is a Negative Regulator for Breast Cancer Malignancy.”  
Advisor: Chen, Fei

73. Thapa, Prakash (Doctoral Student)  
Department of Physics and Astronomy, College of Liberal Arts and Sciences  
Abstract Title: “Simulation of Contact Interactions in the Compact Muon Solenoid Experiment with Proton-Proton Collisions at 13 TeV Center-of-Mass Energy.”  
Advisor: Karchin, Paul
74. **Toman, Lindsay (Doctoral Student)**  
   Department of Sociology, College of Liberal Arts and Sciences  
   **Abstract Title:** “LGBTQ Patients and the Medical Community: Are Doctors Prepared to Serve the Marginalized?”  
   Advisor: Brumley, Krista

75. **Van den Heuvel, Marion (Postdoctoral Scholar)**  
   Merrill Palmer Skillman Institute  
   **Abstract Title:** “Sleep and Preschooler’s Social Emotional Problems and Neural Response to Emotional Pictures.”  
   Advisor: Thomason, Moriah

76. **Viviano, Raymond (Doctoral Student)**  
   Department of Psychology, College of Liberal Arts and Sciences  
   **Abstract Title:** “Anterior and Posterior Hippocampal Functional Connectivity in Subjective Memory Complaints.”  
   Advisor: Damoiseaux, Jessica

77. **Willcock, Aaron (Doctoral Student)**  
   Department of Computer Science, College of Engineering  
   **Abstract Title:** “Real-World to Real-Time: Worst-Case Job Interarrival Time Analysis for AVR Engine Control Tasks.”  
   Advisor: Fisher, Nathan

78. **Woodcock, Eric (Doctoral Student)**  
   Department of Psychiatry and Behavioral Neurosciences, School of Medicine  
   **Abstract Title:** “Effects of Pharmacological Stress-Induction Among Non-Treatment Seeking Cigarette Smokers.”  
   Advisor: Greenwald, Mark

79. **Wrobel, Melissa (Doctoral Student)**  
   Department of Biomedical Engineering, College of Engineering  
   **Abstract Title:** “Using Spinal Cord Matrix Proteins and Hyaluronic Acid Nanofibers to Direct a Pro-regenerative Phenotype in Macrophages and Schwann Cells.”  
   Advisor: Sundararaghavan, Harini

80. **Yang, Jie (Doctoral Student)**  
   Department of Economics, College of Liberal Arts and Sciences  
   **Abstract Title:** “Nonclinical Factors in Treatment Choices: The Case of Low-risk Cesarean Delivery.”  
   Advisor: Summers, Gail

81. **Yin, Qin (Doctoral Student)**  
   Department of Psychology, College of Liberal Arts and Sciences  
   **Abstract Title:** “An Electroencephalography (EEG) Study of Memory Formation in Children.”  
   Advisor: Ofen, Noa
82. Yu, Qijing (Doctoral Student)  
Department of Psychology, College of Liberal Arts and Sciences  
Abstract Title: “Age-Related Bias in FreeSurfer Hippocampal Segmentation Compared with Manual Demarcation.”  
Advisor: Ofen, Noa

83. Zheng, Yi (Doctoral Student)  
Department of Biological Sciences, College of Liberal Arts and Sciences  
Abstract Title: “Characterization of the Differential Substrate Recognition by the ICPO E3 Ubiquitin Ligase of Herpes Simplex Virus 11.”  
Advisor: Gu, Haidong

84. Zhu, Yanlong (Doctoral Student)  
Department of Chemistry, College of Liberal Arts and Sciences  
Abstract Title: “IRMPD Action Spectroscopy and Theoretical Studies of Sodium Cationized Thymidine and 5-Methyluridine: The 2’-Hydroxyl Substituent Alters the Preferred Nucleobase Orientation.”  
Advisor: Rodgers, Mary

85. Zyada, Antowan (Doctoral Student)  
Department of Mechanical Engineering, College of Engineering  
Abstract Title: “Autoignition Characteristics of Oxygenated Gasoline Fuels.”  
Advisor: Samimi Abianeh, Omid
1. **Al-Ali, Mahdi (Doctoral Student)**  
Department of Nutrition and Food Science, College of Liberal Arts and Sciences  
**Abstract Title:** “Evaluation of Microbial Content And Physiochemical Characteristics Between Halal And Non-Halal Beef.”  
Advisor: Heydari, Ahmad

2. **Alanazi, Mona (Doctoral Student)**  
Department of Nursing, College of Nursing  
**Abstract Title:** “Health Beliefs of Arab Americans and Implications for Diabetes Care: A Scoping Review.”  
Advisor: Visger, Jaon

3. **Albdour, Maha (Doctoral Student)**  
Department of Community Health, College of Nursing  
**Abstract Title:** “Arab American Adolescents, Bullying Experiences and Effects on their Perceived Stress And Health.”  
Advisor: Wilson, Feleta

4. **Alhasanat, Dalia (Doctoral Student)**  
Department of Adult Health, College of Nursing  
**Abstract Title:** “Lack of Social Support Predicts Postpartum Depression among U.S. Immigrant Women of Arabic Descent.”  
Advisor: Giurgescu, Carmen

5. **Alsaab, Hashem (Doctoral Student)**  
Department of Pharmaceutical Sciences, College of Pharmacy and Health Sciences  
**Abstract Title:** “CARP-1 Functional Mimetic Loaded in Vitamine E TPGS Micellar Nanoformulation for Treating Renal Cell Carcinoma.”  
Advisor: Iyer, Arun

6. **Amarasinghe, Dinesh (Doctoral Student)**  
Department of Chemistry, College of Liberal Arts and Sciences  
**Abstract Title:** “Average and Local Crystal Structure of β-Er:Yb:NaYF4 Upconverting Nanocrystals Probed by X-ray Total Scattering.”  
Advisor: Rabuffetti, Federico

7. **Anand, Chaitali (Doctoral Student)**  
Department of Psychiatry and Behavioral Neurosciences, School of Medicine  
**Abstract Title:** “Working Memory Task Performance Modulates Prefrontal Glutamate Levels: A Functional Proton Magnetic Resonance Spectroscopy Study.”  
Advisor: Raz and Stanley, Naftali and Jeffrey

8. **ARORA, KARAN (Doctoral Student)**  
Department of Chemistry, College of Liberal Arts and Sciences  
**Abstract Title:** “Effects of Methyl Substitution in Ruthenium Tris(2-pyridylmethyl)amine Photocaging Groups for Nitriles.”  
Advisor: Kodanko, Jeremy
9. Ashgar, Rnda (Doctoral Student)  
Department of Nursing, College of Nursing  
Abstract Title: “Health Promoting Behaviors Among Middle-Aged Women: A Scoping Review.”  
Advisor: Schutte, Debra

10. Attaallah, Sumayya (Doctoral Student)  
Department of Nursing, College of Nursing  
Abstract Title: “Testing a middle-range theory of Heart failure self-care.”  
Advisor: Peters, Rosalind

11. Babaieasl, Faezeh (Doctoral Student)  
Department of Nursing, College of Nursing  
Abstract Title: “Low-Molecular Weight Heparin and Complications of Subcutaneous Injection: How Important is Injection Site Selection?”  
Advisor: Yarandi, Hossein

12. Bajjala Kumbure Gedara, Dulani (Doctoral Student)  
Department of Chemistry, College of Liberal Arts and Sciences  
Abstract Title: “Crystallochemical Study of Monometallic A(CF3C00)2 nH2O (A = Mg, Ca, Sr, Ba, Mn) as a Tool for the Synthesis of Mg-Mn and Ca-Mn Bimetallic Trifluoroacetates.”  
Advisor: Rabuffetti, Federico

13. Balaneshinkordan, Saeid (Doctoral Student)  
Department of Computer Science, College of Engineering  
Abstract Title: “Manually and automatically constructed concept graphs (or semantic networks), in which the nodes correspond to words or phrases and the typed edges designate semantic relationships between words and phrases, have been previously shown to be rich sources of...”  
Advisor: Kotov, Alexander

14. Barakji, Fatima (Doctoral Student)  
Department of Communication, College of Fine, Performing & Communication Arts  
Abstract Title: “Influence of Spousal Support and Spousal Strain on Diabetes Regimen Adherence Among Married Older Adults: Concurrent and Time-Lagged Analyses of Direct Effects and Mediating Role of Self-Efficacy in a National Sample”  
Advisor: Pradeep Sopory

15. Baydoun, Habib (Doctoral Student)  
Department of Chemistry, College of Liberal Arts and Sciences  
Abstract Title: “Cobalt-Based Amidopyridine Platforms for Catalytic Water Splitting.”  
Advisor: Verani, Claudio

16. Bhise, Ketki (Doctoral Student)  
Department of Pharmaceutical Sciences, College of Pharmacy and Health Sciences  
Abstract Title: “Ligand Decorated Nanoparticles Engineered Using Copper Free Click Chemistry for Targeted Cancer Therapy.”  
Advisor: Iyer, Arun
17. Bourbeau, Kelsey (Doctoral Student)  
Division of Kinesiology, Health, and Sport Studies, College of Education  
Abstract Title: “Relationship between Light Physical Activity and Functional Fitness in Stroke Survivors.”  
Advisors: Gothe, Neha

18. Brady, Joshua (Doctoral Student)  
Department of Anatomy and Cell Biology, School of Medicine  
Abstract Title: “The Interaction between Complexin and Synaptobrevin Clamps Spontaneous Synaptic Vesicle Fusion.”  
Advisor: Bykhovskiaia, Maria

19. Bramble, Reed (Doctoral Student)  
Department of Psychology, College of Liberal Arts and Sciences  
Abstract Title: “The Role of Measurement Bias in the Stability of Personality Ratings.”  
Advisor: Baltes, Boris

20. Buckhoy, Nikita (Doctoral Student)  
Department of Social Work, School of Social Work  
Abstract Title: “Protecting Community Health: Demolition policy in Cleveland, OH, Detroit, MI, & Windsor, ON.”  
Advisor: Smith, Richard

21. Cassady, Caitlin (Doctoral Student)  
Department of Social Work and Anthropology, School of Social Work  
Abstract Title: “Addressing Needs and Concerns for Culturally Diverse Adult Day Programming.”  
Advisor: Hopp, Faith

22. Chaudhry, Sophia (Doctoral Student)  
Molecular Medicine and Genetics, School of Medicine  
Abstract Title: “Hereditary Ovarian Cancer - A Case for New Candidate Genes.”  
Advisor: Tainsky, Michael

23. Close, William (Doctoral Student)  
Department of Microbiology, Immunology, and Biochemistry, School of Medicine  
Abstract Title: “Generating a Roadmap of Human Cytomegalovirus Egress.”  
Advisor: Pellett, Philip

24. Deriemacker, Amanda (Doctoral Student)  
Department of Nursing, College of Nursing  
Abstract Title: “An Exploration of Psychosocial Factors Associated with Adolescent Pregnancy in the United States: A Systematic Literature Review.”  
Advisor: Gibson-Scipio, Wanda

25. Deshpande, Nikita (Doctoral Student)  
Department of Biological Sciences, College of Liberal Arts and Sciences  
Abstract Title: “Epigenetic modifications of sequences that promote X recognition.”  
Advisor: Meller, Victoria
26. Dhoondia, Zuzer (Doctoral Student)  
Department of Biological Sciences, College of Liberal Arts and Sciences  
Abstract Title: “An Investigation into the Role Of Rat1p In The RNA Polymerase II Mediated Transcription Cycle In Budding Yeast.”  
Advisor: Ansari, Athar

27. Dissanayake, Kumuduni (Doctoral Student)  
Department of Chemistry, College of Liberal Arts and Sciences  
Abstract Title: “NIR-to-visible Upconversion Luminescence in Er:Yb:SiF4 Nanocrystals.”  
Advisor: Rabuffetti, Federico

28. Doan, Trang (Doctoral Student)  
Department of Finance, Mike Ilitch School of Business  
Abstract Title: “Does Gender in the C-Suite Really Matter”  
Advisor: Iskandar-Datta, Mai

29. Dollar, Todd (Doctoral Student)  
Department of Educational Psychology, College of Education  
Abstract Title: “Person-level Predictors of Bullying and Bystander Behaviors of Middle School Students.”  
Advisor: Markman, Barry

30. Dubaisi, Sarah (Doctoral Student)  
Department of Pharmacology, School of Medicine  
Abstract Title: “SULT1C Expression and Regulation in Human Livers Tissues and Cells.”  
Advisor: Runge-Morris, Melissa

31. El Yaman, Ahlam (Doctoral Student)  
Department of Economics, College of Liberal Arts and Sciences  
Abstract Title: “Quality Time with Mom: A New Measure and its Impact on Child outcomes.”  
Advisor: Goodman, Allen

32. Estill, Molly (Doctoral Student)  
Department of Molecular Medicine and Genetics, School of Medicine  
Abstract Title: “Di-Butyl Phthalate Exposure Alters the RNA Profiles of Human Sperm.”  
Advisor: Krawetz, Stephen

33. Fadeyi, Johnson Adebayo (Doctoral Student)  
Department of Industrial and Systems Engineering, College of Engineering  
Abstract Title: “A Model To Integrate Core Cleaning & Product Serviceability into Product Modularity for Enhanced Remanufacturing-Product Service System Synergy.”  
Advisor: Monplaisir, Leslie

34. Faraj, Theresa (Doctoral Student)  
Department of Bilingual and Bicultural Education, College of Education  
Abstract Title: “Learning to Teach for Biliteracy: Teacher Education for Language Immersion Teachers.”  
Advisor: DeNicolo, Christina
35. Fazel Anvaryazdi, Samira (Doctoral Student)  
Department of Industrial and Systems Engineering, College of Engineering  
**Abstract Title:** “Managing Operational Efficiency & Health Outcomes at Outpatient Clinics through Effective Scheduling.”  
Advisor: Babu Chinnam, Ratna and Venkatachalamm, Saravanan

36. Feldmann, Daniel (Doctoral Student)  
Department of Oncology, School of Medicine  
**Abstract Title:** “Microfluidic Mixing of Nanoparticle-based siRNA Therapeutics.”  
Advisor: Merkel, Olivia

37. Fountain, Matthew (Doctoral Student)  
Department of Microbiology, Immunology, and Biochemistry, School of Medicine  
**Abstract Title:** “Isoflavone Inhibition of Radiation-Induced Lung Inflammation and NF-kB Activation.”  
Advisor: Hillman, Gilda

38. Girsch, Emily (Doctoral Student)  
Department of Oncology, School of Medicine  
**Abstract Title:** “Role of Epigenetic Reader and Alternative mRNA Splicing Variant MBD2 Variant 2 in Triple Negative Breast Cancer.”  
Advisor: Brush, George

39. Gjata, Mandeta (Doctoral Student)  
Department of Classical Modern Languages, Literatures, and Cultures Department, College of Liberal Arts and Sciences  
**Abstract Title:** “Re-Writing World War I: The Past through Traces and Archives.”  
Advisor: Cherry, Alina

40. Gross, Evan (Doctoral Student)  
Department of Psychology, College of Liberal Arts and Sciences  
**Abstract Title:** “Development and Initial Validity of a Financial Decision-Making Self-Efficacy Scale for Older Adults.”  
Advisor: Lichtenberg, Peter

41. Hardamon, Kaili (Doctoral Student)  
Division of Teacher Education, College of Education  
**Abstract Title:** “Teachers' Reflection on Their Beliefs and Question-Asking Practices During Mathematics Instruction.”  
Advisor: Ozgun-Koca, Asli

42. Hart, Christine (Doctoral Student)  
Department of Chemistry, College of Liberal Arts and Sciences  
**Abstract Title:** “A Unified Strategy for Access to Protected and Unprotected C-Terminally Modified Peptides.”  
Advisor: Stockdill, Jennifer
43. Haynes, Brittany (Doctoral Student)  
Department of Oncology, School of Medicine  
Abstract Title: “The Rad6 Translesion Synthesis Pathway is Required for Repair of Cisplatin-Induced DNA Lesions in BRCA1 wild-type and BRCA1 Mutant Triple Negative Breast Cancer Cells.”  
Advisor: Shekhar, Malathy

44. Hazard, Derek (Doctoral Student)  
Department of Physics and Astronomy, College of Liberal Arts and Sciences  
Abstract Title: “Lepton flavor violating quarkonium decays.”  
Advisor: Petrov, Alexey

45. He, Chenchen (Doctoral Student)  
Department of Chemistry, College of Liberal Arts and Sciences  
Abstract Title: “Characterization of RNA and its Platinum Complex Adducts via Tandem Mass Spectrometry.”  
Advisor: Rodgers, Mary

46. Hettiarachchi, Malsha (Doctoral Student)  
Department of Chemistry, College of Liberal Arts and Sciences  
Abstract Title: “Synthesis and Magnetic Properties of Colloidal MnAsxSb1-x (x=0.1-0.9) Nanoparticles: Towards Nanostructured Magnetic Refrigerants.”  
Advisor: Brock, Stephanie

47. Hewavitharana, Indika (Doctoral Student)  
Department of Chemistry, College of Liberal Arts and Sciences  
Abstract Title: “Nanoparticle Chalcogenide Aerogels: Assemblies via Covalent Crosslinking.”  
Advisor: Brock, Stephanie

48. Holowatyj, Andreana (Doctoral Student)  
Department of Oncology, School of Medicine  
Abstract Title: “Expression Profiling of Paired Benign Breast and Breast Cancer Lesions in African American Women.”  
Advisor: Cote, Michele

49. Jafari Bidgoli, Maryam (Doctoral Student)  
Department of Economics, College of Liberal Arts and Sciences  
Abstract Title: “Health and Labor supply; A Simultaneous Equation Model Approach.”  
Advisor: Goodman, Allen

50. Jendry, Allison (Doctoral Student)  
Department of Sociology, College of Liberal Arts and Sciences  
Abstract Title: “Same-Sex Families: Narratives of Race, Gender, and Family Life.”  
Advisor: Dillaway, Heather
51. Jog, Ruta (Doctoral Student)
Department of Pathology, School of Medicine
Abstract Title: “Hormonal Regulation of Glycine Metabolism and Its Potential Role in Diabetes Susceptibility.”
Advisor: Leff, Todd

52. Joshi, Sheetal (Doctoral Student)
Department of Biomedical Engineering, College of Engineering
Abstract Title: “The Computational Study to Analyze the Role of Ascorbate in Mitigating Oxidative Stress.”
Advisor: Kavdia, Mahendra

53. Joshwa, Bincy (Doctoral Student)
Department of Nursing, College of Nursing
Abstract Title: “Anemia and fatigue in CKD- a Review.”
Advisor: Campbell, Margaret

54. Kabbani, Abir (Doctoral Student)
Department of Physics and Astronomy, College of Liberal Arts and Sciences
Abstract Title: “Polarized Localization Microscopy Detects Nanoscale Membrane Topology and Curvature Induced by Cholera Toxin Subunit B.”
Advisor: Kelly, Christopher V.

55. Kalantari, Mahdokht (Doctoral Student)
Department of Industrial and Systems Engineering, College of Engineering
Abstract Title: “Exploring the Early Adopters of Augmented Reality Smart Glasses: The Case of Microsoft HoloLens.”
Advisor: Chelst, Kenneth

56. Kalpage, Hasini (Doctoral Student)
Department of Molecular Genetics and Genomics, School of Medicine
Abstract Title: “Serine 47 Phosphorylation of Cytochrome C Regulates Mitochondrial Respiration and Intrinsic Apoptosis.”
Advisor: Huttemann, Maik

57. Kekulandara, Dilini (Doctoral Student)
Department of Chemistry, College of Liberal Arts and Sciences
Abstract Title: “Clickable Glutathione Using Tetrazine-Alkene Bioorthogonal Chemistry for Detecting Proteins Glutathionylation.”
Advisor: Ahn, Young-hoon

58. Kero, Katherine (Doctoral Student)
Department of Nursing, College of Nursing
Abstract Title: “Hearing Loss and its Correlation with Cognition, Quality of Life, and Behavior in Senior Adults: An Illustrative Case Series.”
Advisor: Schutte, Debra
59. **King-Medina, Keyona (Doctoral Student)**  
Department of Physiology, School of Medicine  
**Abstract Title:** “Exaggerated Salt-Sensitive Hypertension in the ALMS1 (Alstrom Syndrome 1) Knockout Rat.”  
Advisor: Ortiz, Pablo

60. **Kpogo, Kenneth (Doctoral Student)**  
Department of Chemistry, College of Liberal Arts and Sciences  
**Abstract Title:** “Electrocatalytic Water Splitting by Nitrogen-rich Cobalt and Dicobalt Catalysts.”  
Advisor: Verani, Claudio

61. **Kuiper, Ben (Doctoral Student)**  
Department of Biochemistry and Molecular Biology, School of Medicine  
**Abstract Title:** “Expression, Purification, Characterization, and Inhibition of the Minerva Virus Protease.”  
Advisor: Kovari, Ladislau

62. **Lewis, Kenneth (Doctoral Student)**  
Department of Physiology, School of Medicine  
**Abstract Title:** “Different Lipids in Synaptic Vesicle and Synaptosome Membrane.”  
Advisor: Jena, Bhanu

63. **Li, Da (Doctoral Student)**  
Department of Chemistry, College of Liberal Arts and Sciences  
**Abstract Title:** “Visible Light Induced Photocatalytic Hydrogen Evolution Using a CdS-Ni2P Hybrid Aerogel System.”  
Advisor: Brock, Stephanie

64. **Li, Yiran (Doctoral Student)**  
Department of Biological Sciences, College of Liberal Arts and Sciences  
**Abstract Title:** “Perturbation of Iron Homeostasis in Cardiolipin Deficient Cells Due to Decreased Frataxin.”  
Advisor: Greenberg, Miriam

65. **Liao, Yi (Doctoral Student)**  
Department of Pharmaceutical Sciences, College of Pharmacy and Health Sciences  
**Abstract Title:** “Michael Acceptor-Equipped EPI-001 Analogues Reduce AR Transcriptional Activity, AR-V7 Expression and Cell Proliferation in Prostate Cancer Cells.”  
Advisor: Qin, Zhihui

66. **Lin, Qian (Doctoral Student)**  
Department of Pharmaceutical Sciences, College of Pharmacy and Health Sciences  
**Abstract Title:** “Design, Synthesis and Biological Activity of ATP-Binding Site Inhibitors of N5-CAIR Synthetase.”  
Advisor: Firestine, Steven
67. Llaniguez, Jay (Doctoral Student)
   Department of Biomedical Engineering, College of Engineering
   Abstract Title: “Elucidating Cardiac Repair in Animals with Robust Regeneration to Enhance Repair in Humans.”
   Advisor: Gelovani, Juri

68. Lowther, Emily (Doctoral Student)
   Department of Communication Sciences and Disorders, College of Liberal Arts and Sciences
   Abstract Title: “Stuttering in Down Syndrome: a systematic review.”
   Advisor: Kraft, Shelly Jo

69. Lucas, Stephanie (Doctoral Student)
   Department of Pathology, School of Medicine
   Abstract Title: “CRISPR-Mediated Gene Targeting Reveals Essential Role of Serine Hydroxymethyltransferase 2 in the Regulation of Mitochondrial Respiration.”
   Advisor: Wang, Jian

70. Lynn, Jonathan (Doctoral Student)
   Department of Translational Neuroscience School of Medicine
   Abstract Title: “Quantification of Variability in the Prefrontal Glutamate Signal: A¹H fMRS Study of Different Task Paradigms.”
   Advisor: Stanley, Jeffrey

71. Maly, Angelika (Doctoral Student)
   Department of Nursing, College of Nursing
   Abstract Title: “A Qualitative Pilot Study of Perceived Control Over Pain in African American Adults Living in Urban Detroit.”
   Advisor: Vallerand, April

72. McFall, Thomas (Doctoral Student)
   Department of Oncology, School of Medicine
   Abstract Title: “miRNAs are Key Mediators of Cross Talk Between Estrogen and Progesterone Regulating Breast Cancer Invasiveness.”
   Advisor: Ratnam, Manohar

73. McLaughlin, Patrick (Doctoral Student)
   Department of Biological Sciences, College of Liberal Arts and Sciences
   Abstract Title: “Characterizing Autoregulation of a Cell Fate Determination Protein in Myxococcus Xanthus.”
   Advisor: Higgs, Penelope

74. Meerschaert, Rebecca (Doctoral Student)
   Department of Radiation Oncology, School of Medicine
   Abstract Title: “A Comparison of Deformable Image Registration Methods for Cervical Cancer Patients.”
   Advisor: Zhuang, Ling
75. Metzger, Jade (Doctoral Student)  
Department of Communication, College of Fine, Performing & Communication Arts  
**Abstract Title:** “Trivial or Criminal?: The Framing of Doxing in Global News Media.”  
Advisor: Eckert, Stine

76. Munkanetta Godage, Dhanushka (Doctoral Student)  
Department of Chemistry, College of Liberal Arts and Sciences  
**Abstract Title:** “SMYD2 Glutathionylation as a Key Molecular Mechanism for Sarcomere Destabilization.”  
Advisor: Ahn, Young-Hoon

77. Neff, Andrew (Doctoral Student)  
Department of Translational Neuroscience, School of Medicine  
**Abstract Title:** “Gut Microbiome: Methods for Assessing Gut Bacterial Metabolic Status.”  
Advisor: Burghardt, Paul

78. Negmeldin, Ahmed (Doctoral Student)  
Department of Chemistry, College of Liberal Arts and Sciences  
**Abstract Title:** “The Structural Requirements of Histone Deacetylase Inhibitors: Suberoylanilide Hydroxamic Acid Analogs Modified at the C4 Position Display Dual HDAC6/HDAC8 Selectivity.”  
Advisor: Pflum, Mary Kay

79. Olya, Mohammad Hessam (Doctoral Student)  
Department of Industrial and Systems Engineering, College of Engineering  
**Abstract Title:** “Two Stage Stochastic Integer Program Method to Design Patient Panels for PCMH Teams.”  
Advisor: Yang, Kai

80. Pan, Jinjin (Doctoral Student)  
Department of Chemistry, College of Liberal Arts and Sciences  
**Abstract Title:** “Deciphering the Change Production Dynamics with General Charge Balance Functions in Pb-Pb Collisions at √sNN=2.76 TeV at ALICE2.”  
Advisor: Pruneau, Claude

81. Rahimian Mashhadi, Mahya (Doctoral Student)  
Department of Psychology, College of Liberal Arts and Sciences  
**Abstract Title:** “Preteens' Engagement with Technology: Implications for Face-To-Face Interactions And Social Distancing.”  
Advisor: Beeghly, Marjorie

82. Thalalla Gamage, Supuni (Doctoral Student)  
Department of Chemistry, College of Liberal Arts and Sciences  
**Abstract Title:** “Carbohydrate-Linked Cisplatin Analogue: Reactivity Studies with RNA and DNA.”  
Advisor: Chow, Christine

83. Yadav, Brijesh (Doctoral Student)  
Department of Biomedical Engineering, College of Engineering  
**Abstract Title:** “Radial-SWI in Human Fetal Imaging.”  
Advisor: Haacke, Ewart
Z. Gavidel, Saeed (Doctoral Student)
Department of Industrial and Systems Engineering, College of Engineering
Abstract Title: “Systematic Data-Driven Client Prioritization/Triage in Service Industries with Application in Remanufacturing Industries.”
Advisor: Rickli, Jeremey L.
Harrison, Daniel (Doctoral Student)
Department of Anthropology, Liberal Arts & Science
Abstract Title: “From Wilderness to Maritime Landscape: The Transformation of the St. Clair Flats, 1670 to 1937.”
Advisor: Chrisomalis, Stephen

Hicks, Laurel (Doctoral Student)
Department of Social Work, Social Work
Abstract Title: “Mindfulness: From Womb to World”
Advisor: Hopp, Faith

Kern, Lester (Master’s Student)
Department of Social Work, Social Work
Abstract Title: “Crisis Intervention Team Training in Michigan”
Advisor: Hopp, Faith

Lin, Qian (Doctoral Student)
Department of Pharmaceutical Sciences, Pharmacy & Health Sciences
Abstract Title: “A Drug Hunter’s Quest for Novel Antibiotics”
Advisor: Firestine, Steven

Miles, Kevin (Doctoral Student)
Department of Medicine Dean, College of Engineering
Abstract Title: “Reconstructing Blood Vessels to Rebuild Human Tissue”
Advisor: Matthew, Howard

Muthunayake, Nisansala (Master’s Student)
Department of Chemistry, Liberal Arts & Science
Abstract Title: “Antibiotic Resistance: No Action Today, No Cure Tomorrow”
Advisor: Kodanko, Jeremy

Prephan, Nicholas (Doctoral Student)
Department of Communication, College of Fine, Performing & Communication Arts
Abstract Title: “We Will Never Forget: Memory Construction at the 9-11 Crash Site Memorial”
Advisor: Keashly, Loraleigh

Streeter, Cale (Doctoral Student)
Department of Pharmaceutical Sciences, Pharmacy & Health Sciences
Abstract Title: “Uh...Oh...Isatin”
Advisor: Firestine, Steven

Swiecki, Xavier (Master’s Student)
Department of Art & Art History, College of Fine, Performing & Communication Arts
Abstract Title: “The Aldobrandini Wedding-- Or Is it?”
Advisor: Keashly, Loraleigh
Whitehead, Tonya (Doctoral Student)
Department of Biomedical Engineering, College of Engineering
Abstract Title: “Solving The Puzzle of Nerve Repair”
Advisor: Sundararghavan, Harini

Wiseman, Natalie (Doctoral Student)
Department of Pathology, School of Medicine
Abstract Title: “Measuring Cerebral Oxygen Metabolism and its Predictive Value in Mild Traumatic Brain Injury”
Advisor: Conti, Alana and Kou, Zhifeng

Zheng, Yi (Doctoral Student)
Department of Biology, Liberal Arts & Science
Abstract Title: “Investigation of the Interaction between HSV-1 E3 Ubiquitin Ligase ICP0 and Cellular ND10 Structure”
Advisor: Golenberg, Edward
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