**Student Research Conference**

**Wednesday April 25th 2018**

10:15 -10:45: Registration

**Undergraduate Sessions:**

**Session 1: 10:45am - 11:30am - Undergraduate Lightning Talks**

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| **Time** | **Room 3010** | **Room 3018** | **Room 3026** |
| **10:45 -10:50** | Introductions | Introductions  | Introductions |
| **10:50-11:00** | Case Study: The Impact of Socioeconomic Differences in Writing Style: The Great Gatsby & Their Eyes Were Watching God **Laureen Chalmers, Alexus Haynes** | Merging 3D Printing with Silicon Molding for Realistic Cosmesis **Elijah Finn** | Blood Pressure Responses to an Acute Session of Battling Ropes Exercise **Douglas Bergen** |
| **11:00 – 11:10** | The Physical, Emotional, and Familial Effects of Being a Police Officer**Gabriel Umar**  | Digital Media Campaign: Tobacco Usage in America **Shana Chase**  | The Effects of Pumpkin Seed Oil Supplementation on Resting Blood Pressure in Postmenopausal Women **Danielle Viola**  |
| **11:10 -11:20** | Shuttle Madness **Tenesha Green** | D.C. Blends **Sarah Herrera, Claire Barnum, Andrea Aparicio** | The Correlation Between Concussions and Future Substance Abuse among Soccer Athletes **Robert Smith** |
| **11:20-11:30** |  | DNA Methylation within Glioblastoma Tumors **Amanda Sciorillo** | Putting your own Oxygen Mask on First: Examining Stress Levels and Management Techniques among College Health Professions Students **Charlotte Hepler** |

**Session 2: 11:35am - 1:00pm - Undergraduate Posters/Lunch**

* **George Arubi** - "The Resurgent Threat of White Nationalism"
* **Kiley Cargill** - "Hollywood's Airbrushed Motherhood"
* **Rebecca Deakin** - "How does an Author’s Gender Influence the Depiction of Female Characters in Young Adult Fiction?"
* **Laura Deaton** - "Heteronormativity in the L Word and its Strategic Use to Create a More Comfortable Setting for the LGBT Community and the Shows Audience"
* **Derreck Dixon** - "A Look at the Lasting Effects on Students of Racially Prejudiced Novels in the United States"
* **Stephanie Downing** - "Racial Profiling and the War on Terror"
* **Tristan Gasque** - "But Does it have Pictures? An Analysis of the Literary Mechanics of Popular Children’s Books"
* **William P. Johnston** - "The Effects of a Combat Veteran’s Appearance on Attitudes of Post-Traumatic Stress Disorder"
* **Abigail Lewis** - "The Effects of Online Gaming on Adolescent Male Development"
* **Quyen Nguyen** - "Genre of Vietnam War Representations"
* **Chelsea Santa, Nehal Turkistani, Abigail Wescott** - "Roommate Compatibility and Matching Application. Roommates by Zillow"
* **Odaris Santos, Sheikh Farhan Mahmood, Anthony Calderon** – "Story Map: Substance Abuse in Teenagers"
* **Shea Smith, Selena DanDan** - "Analyzing Positive and Negative Sentiment within the plot of The Great Gatsby"
* **Lauryn Stouffer, Rebecca Sharp** - "Text Analysis/Hunger Games"
* **Julia Torrico** - "Nature and the Personification of the Hero and Princess."
* **Kyle Weitendorf, Andrew Wiley, Abdalaziz Owaishiz** - "Gas n Go: A Business Plan"

**Session 3: 1:10pm - 2:10pm - Round 1: Undergraduate Platform Presentations**

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| **Time** | **Room 3010** | **Room 3018** | **Room 3026** |
| **1:10 -1:30** | Colocalization of CHL1, ROBO1, and SLIT1 During Embryonic Development of Mouse **Callie Levinger, James Knight** | An Economic Inquiry into Why Swing States Changed from Voting for Obama in 2012 to Trump in 2016**Sarah McDonald** | Myoelectric 3D printed Prosthetic Hand**Meagan Gagnon**  |
| **1:30 -1:50** | Mental illness: How Gender and Personal Relationships Affect Our Perceptions**Remy Carter** | Evolving Ideas on Black Women's Sexuality: Romance Novels, the New Racism, and Refusing Silence **Kirsten Michele Pettaway**  | The Sporting Industry of the Future: An Economic Investigation of the E-Sports Market**Ryan Robles** |
| **1:50 -2:10** | The Gray Area Within Interracial Counseling **Brianna Simmons** | Forest Legislation in Thailand**Devin Uriarte** | Factors Influencing Motivation and Grit in Division III Athletes**Nicole Viscuso** |

**Session 4: 2:15 - 3:15: Round 2 Undergraduate Platform Presentations**

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| **Time** | **Room 1** | **Room 2** | **Room 3** |
| **2:15 – 2:35** | Cardiac Autonomic and Blood Pressure Responses to an Acute Foam Rolling Session **Emily Montgomery** | The Disease that Killed an Organization: The Failed Public Relations Tactics of a Texas Hospital during the Ebola Crisis**Noelle Larino** | Questioning Authority: Lana Del Ray vs Sylvia Plath**Joseph Hammet, Betsy Lizotte** |
| **2:35 -2:55**  | Social Isolation and Quality of Life in Hospitalized Children with Long Term Illness **Kelly Ann Colligan** | Is the Princess and the Frog progressive? **Catherine Kenol** | Poverty and Migration **Rewan Bezabih** |
| **2:55 -3:15** | Improving Premature Neonatal Health Outcomes Through Music Therapy Intervention **Katherine Joye** | A Speech in Time**Dana Najib** | Water Supply and Institutions in Kenya **Matthew Barton** |

**Graduate Sessions**

**Session 5: 4:30pm - 5:50pm - Graduate Posters and Reception**

* **Cheyenne Bartlett -** Does Multi-Modal Physical Therapy Intervention Improve Outcomes of a Young, Active Male Status-Post Shoulder Posterior Labral Repair?
* **Kaitlin Beckmann -** Collaborative Efforts to Fight Cyberbullying
* **Kaitlyn Canterbury-** Revisiting HOAC II for determining the physical therapy course of treatment for a patient with upper extremity paresthesia
* **Caitlin Cederholm -** Pre-Operative Physical Therapy to Improve Knee Extension ROM and Strength Prior to TKA
* **Maria Comé** - Bioindicator boys, school shooters, and the prevalence of toxic masculine ideals
* **Haley Hawes** - The Use of Activity Logs and Daily Tracking Visits for a Patient Participating in a Hematopoietic Stem Cell Transplantation Aerobic Exercise Protocol to Improve Exercise Adherence: A Case Report
* **Kristine Hays -** Adolescents with Chronic Illness in the Classroom
* **TiAndra Houston -** - Differential Diagnosis and Treatment for a Patient with Postural Impairments, Headaches, and Thoracic Pain following a Breast Augmentation
* **Nahum Navas -** Dry Needling the Lateral Head of the Gastrocnemius to Treat Plantar Fasciitis
* **Conlan Northcutt -** Reach- A Community Development Center Connecting the Residents of Potomac Gardens and the Hill East Neighborhood of Washington, D.C.
* **Erica D. Palmer -** Manual therapy and exercise for a patient with cervicogenic headache
* **Stacy Pepitone -** Rehabilitation of Knee Hypomobility Following Reconstruction of Medial Patellofemoral Ligament with Tibial Tubercle Osteotomy: A Case Report
* **Sukhaynah Said -** The Positive Effects of Implementation of Anti-Bullying Programs in Public Schools
* **Kathleen A. Schaefer -** Capacity Building for Clinical Education: Orientation and Role
* **Kerry Simmons -** Effectiveness of a Traditional Physical Therapy Approach to Cervical Dysfunction in a Complex Patient
* **Michael Steehoek -** The effect of the traditional educational institutions on adolescence leading to emerging adulthood.
* **Samantha Suzuki** - The Impact of Backwards Walking on Balance in Patient with Parkinson's Disease: A Case Report
* **Paula Tellos -** Just Listen to the Beat and Move Your Feet to Improve Your Walking While Living With Parkinson's Disease
* **Jeffrey Tsai -** The Effects of the Nintendo Wii Fit on Improving the Balance of a Brain Tumor Resection Patient in the Acute Rehabilitation Setting: A Case Report
* **Mary Umstead** - Are Two Minds More Ethical Than One? An Analysis and Solution to the Problem of Competency to be Executed Evaluations.
* **Michael Wallace -** Will neuromuscular electrical stimulation improve quadriceps muscle strength after a total knee revision?
* **Brandon Wenger -** Effectiveness of Hip Capsular Mobilizations on Patients Presenting with Piriformis Pain: A Case Report
* **Derek W. Xie -**The Effects of an Instrument Assisted Soft Tissue Mobilization (IASTM) Protocol to Improve Shoulder Range of Motion for a Post-Operative Rotator Cuff Repair

**Session 6: 6:00pm – 6:30pm - Lightning Presentations**

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| **Time** | **Room 3010** | **Room 3018** | **Room 3026** |
| **6:00 -6:10** | Evaluation of the Society for the Prevention of Cruelty to Animals - Los Angeles (spcaLA) Court Diversion for Youth **Samantha Rhinerson, Emma Sims, Kim Paul** | Physical Therapy Management of a Complex Patient Following a Tibiocalcaneal and Midfoot Fusion due to Charcot Neuropathic Osteoarthropathy **Lisa Saladino** | The Efficacy of Instrument Assisted Soft Tissue Mobilization on Rehabilitation Following an ACL Reconstruction: A Case Study **Cassidie Watson** |
| **6:10 – 6:20** | Effects of Blood Flow Restriction While Partial Weight-Bearing Following Arthroscopic Surgery: A Case Study**Ashley Nelson** | Utilizing the Postural Assessment Scale for Stroke as a component of discharge planning from acute care for a patient with opioid overdose induced stroke **Heather Littier**  | Case Report on the Contextual Implications of an Evidence-based Falls Intervention in a Sub-Acute Setting for an Elderly Patient with Rhabdomyolysis **Jeanne Conner** |
| **6:20 -6:30** | Instrument Assisted Soft Tissue Mobilization, a Novel Tool in the Physical Therapist’s Toolbox for the Treatment of Plantar Fasciitis: A Case Report **Natalie Phillips** | Understanding the Benefits of Pre-operative Education in Patients Undergoing Elective Joint Replacement Surgeries to Decrease Post-operative Complications and Promote Safe Functional Mobility **Shelby Pendergraft** | The Impact of One Student’s Experience in a Global Setting for Advancing a Patient with Gross Peripheral Nerve Deficit and Advancing Local Clinical Practice **Christine Walker** |

**Session 7: 6:40pm - 7:40pm - Platform Presentations**

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| **Time** | **Room 3010** | **Room 3018** | **Room 3026** |
| **6:40 -7:00** | Ethnography in Mary Shelley's Frankenstein **Nhu-Phuong Duong** | The Effects of a Four-Week Intensive Therapy Program for a 34-month-old Child with Cerebral Palsy GMFCS Level III Following Autologous Cord Blood Infusions **Abigail Burke** | A Comparison of Attitudes Toward Mental Health and Student Support in Italian and American Schools **Carolyn Kroeger, Thomas E. Jefferson, Betis Sorto- Sanchez**, **Remy Carter**  |
| **7:00 -7:20** | “The Nameless Mode of Naming the Unnameable”: (Un)coding the Non-human in Mary Shelley’s Frankenstein**Amy Ridderhof** | The Effect of Supportive Error-Based Learning on Functional Mobility and Burden of Care in a Patient with Cognitive Impairments and Encephalopathy **Khadidiatou Kane** | A Comparison of Italian and United States Approaches to Student Supports and Resources in Schools **Tessa Davis, Ana Gaitan, Cameron Boster, Magdalen Osei Brantuo** |
| **7:20 – 7:40** | Framing Sentiment in Shelley’s Frankenstein**Allyson Freeland** | The Effectiveness of Physical Therapy with BFR on the Recovery of a Patient post ORIF and Microfracture Surgery of the Knee: A Case Report **Sara Hoyos** | Partnership, Collaborative Practices and Instructional Strategies in Panama**Erin Williams and Sarah Hall** |

**Session 8: 7:45pm - 8:45pm – Graduate Platform Presentations (Round 2)**

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| **Time** | **Room 3010** | **Room 3018** | **Room 3026** |
| **7:45 -8:05** | Creativity in Activities of Digital Humanities**Vincent Faiella** | Child Protection Laws and Substance Use: A Survey of the States**Megan Murphy, Rebekah Gerwitz,** | Abdominal pain as an unusual referral for physical therapy: A case report **Maria Mabel Castellanos** |
| **8:05 -8:25** | Cryptocurrency Mining Malware: Analysis and Defense Strategies **Victor Marchetto** | Facilitating Best Practice for Marymount University Allergy Documentation Protocol: Enhancing Provider Adherence Through Education and Technology **Elaine McSorley-Gerard** | Successful Implementation of an Early Mobilization Protocol for a Patient with Metastatic Adenocarcinoma in the Intensive Care Unit at a Small Community Hospital**Carolyn A. Drislane** |
| **8:25 – 8:45** | “Brecht after Communism: Re-imagining the Epic Theatre”**Alec Davidson** | Inter-professional Simulation and Crisis Management in the Perioperative**Catherine Hillberry** | Dry Needling with Intramuscular Stimulation as an Intervention in the Rehabilitation of Postoperative Total Hip Athroplasty **Carlin Bowersox** |