

MARYMOUNT STUDENT RESEARCH CONFERENCE
Friday, April 22, 2022
BALLSTON CENTER
SCHEDULE OF EVENTS

Registration, Opens at 11:30 AM

2nd floor, Ballston Center

1:00-2:00pm

UNDERGRADUATE POSTER SESSION

2nd floor Hallway, Ballston Center

Isabella Ochalik (Biochemistry): Role of GATA4 and NKX2-5 Mutations in Ventricular Septal Defects

Adrian Kromelian (Biochemistry), **Faith Oyedepo** (Biology): Investigation of Compounds that Modulate Lifespan in *Caenorhabditis Elegans*

Sydney Lam (Biology): The Digitized Version of CHEMCompete-II: An Organic Chemistry Card Game to Differentiate Between Substitution and Elimination Reactions of Alcohols

Mackenzy Robbins (Biology): Can Military Working Dogs Suffer From PTSD After Combat?

Melanie Martinez (Communication): Gossip Among College Students

Skye Gregory (Psychology): The Relationship Between Racial Identity and Views on the Criminal Justice System

Kendrick West (Health Science): Black Population in the United States/ Mental and Physical Health

2:00-3:00pm

ORAL PRESENTATIONS

	Business, Innovation, Leadership, & Technology ROOM 3010	Health & Education ROOM 3018	Science & Humanities ROOM 3026
2:00pm	Carolyn Treuting (Fashion Merchandising): Roles of Social Media in Communication of Fashion Information	Madison D. Diba (Education): Rise and Fall: Economic Booming and Busting in an Unprecedented Era	Katie McShea: (Biochemistry) Effect of a Chemistry Case Study on Students' Understanding of Chemical Bonds
2:15pm	Jillian Abrigo (Fashion Merchandising): Difference in Perception of Sustainability between Fashion Companies & Gen Z College Students	Kyra Gutierrez (Health Science): Approaches to Lessen Immediate and long-Term Harms of Adverse Childhood Experiences: A Meta-Analysis of Current Evidence	Ava Gonzalez: (Psychology): Preventing Future Harm: Understanding Epistemic Injustice Against Children

2:30pm	Ethan Marcano (IT): Sun Microsystems: From Innovation to Acquisition and Commercial Open Source Software: A Case Study	Jessica Artiga (Health Science): The Battle of Older Latinos Against Diabetes: Changing the Cultural Narrative	Pierre Ramon Thomas: (English) bell hooks' "Feminist Masculinity" in Hansberry's A Raisin in the Sun: A Feminist Response to the "Men with Podcasts" Trend.
2:45pm	Samantha King (IT): Online Video Gaming Fostering Leadership Skills in the Incoming Workforce	Jayla Spencer (Health Science): The Crisis of Marijuana in Inner Cities across America: War on the Youth	Macy Pope: (English) The Anthropocene, Capitalism, and the Destruction of Nature
3:00-3:15 pm BREAK			
3:15pm	Meharban Arora (IT): Understanding Big Data through the Lens of Python Programming Language	Phuong Le (Nursing): Improving Physical Activity and Reducing Obesity in Hispanic American Children and Adolescents: A School-based Intervention	Mirna Galdamez: (Sociology): Salvadoran Woman: Conflicts and Identity Constructions
3:30pm	Roey Stern (Business): Urbanization and Children's Well-Being Around the World	Utoma Effiong (Nursing): The Evolution of Book As An Idea	Morgaine Mertz-Myers: (Communications) Hungry to Learn: A Qualitative Look at Food Assistance Resources
3:45pm	Zain Alimam (IT): Is Hacktivism Good or Bad	Keily Molina (Health Science): Sleep among High School Students	Noemi Cerritos Gatto: (Psychology): The Relationship Between Dreams, Emotion, and Memory
4:00pm	Ana Silva (Economics): Independence in Victorian Era?: Jane Eyre reveals the secret	Himadri Bhandari & Mushkan Adhikari (IT): Jane Eyre: An Individual Consciousness Struggling towards Self-Realization	Brandon Villatoro-Sorto: (psychology): The Relationship Between Extraversion, Neuroticism, & Stress Experienced During COVID-19
4:15pm	Semab Tasneem (IT): Digital Chain of Custody	Efemena Johnson, Lidya Andemichael & Maia Pappadakis (Biochemistry): The Quest for Antibiotics: Addressing the Global Crisis	TJ Arnold: (Psychology) Boys Don't Cry: The Problem of Enforcing Gender Stereotypes in Children
4:30-5:00 RECEPTION: light refreshments 2 nd floor conference area, Ballston Center (Enjoy your refreshments while listening to the Panel discussions)			

5:00-5:50 PM		PANEL DISCUSSIONS (list of panelist- See page 6)
Room 3010	Join a panel of undergraduate and graduate students as they discuss their research on Optimal Aging: Factors Enhancing/Impacting Quality of Life of Older Adults. Moderated by Dr. Patricia Heyn, Director of Marymount University's Center for Optimal Aging.	
Room 3018	Join a panel of undergraduate and graduate students as they discuss their research on Innovation for Tomorrow's Workforce- The Future of Work. Moderated by Dr. Diane Murphy, Director of Marymount University's Center for Innovative Workforce.	
Room 3026	Join a panel of undergraduate and graduate students as they discuss their research on Social Justice- Local to Global. Moderated by Dr. Jo-Ann Amadeo, Associate Professor of Psychology.	

Graduate Posters

6-7 PM: Ballston Center, Second Floor Hallway

Gregory Gillespie (English): Collaborative Efforts in Multimodal Composition: Equipping Instructors and Students for 21st Century Projects

Linnea Bodenhamer (CSH): Theoretical Application of Ethical Standards Applied to the Intelligence Community

Mariah Allen (Clinical Mental Health Counseling): The Impact of TF-CBT on Child Sex Abuse Victims

Foster Stroup (Clinical Mental Health Counseling): How Learning Empathy can Increase Resilience to COVID-19 Burnout

John Perry (Clinical Mental Health Counseling): Addressing the Underserved Gap: A Discussion of Continuity of Care and Personality Disorder Treatment and Assessment in Italy

Paige Townley (Clinical Mental Health Counseling): COVID-19 and Eating Disorders: The Pandemic's Impact on Eating Disorder Pathology and Treatment

Leslie Siphers (Public Health Education): Tailoring Mental Health Educational Materials on Depression for Use With Older Adults in Rural Appalachia

Elizabeth Allnutt (CHE): The Stigmatization of Sexually Transmitted Infections Impact on the Mental Health Outcomes of those with Herpes Simplex Virus

Rebecca Rohan: (DSc-Cyber): Identifying Commonalities of Cyber Adversaries Attacking the Maritime Transportation System

John Freeman (DPT): The Use of IASTM in Conjunction with Conventional Physical Therapy on Post-surgical Wound: A Case Report

Kelly Horan (DPT): The Examination and Treatment of An Adult Male Post Staggered Bilateral Bunionectomies One Month Apart: a Case Report

Fabian Rowe (DPT): Functional Movement Screen Activities for Sports-Specific Training & Return to Running Post Hip Injury: A Case Report

Paige Goodman (DPT): Chronic Regional Pain Syndrome in a 22-year-old Male: A Case Report

Robert Kerby (DPT): Intensive and Delayed Physical Therapy Following Traumatic Anterior Shoulder Dislocation with Arthroscopic Bankart Repair: A Case Report

Brandy Gott (DPT): Dizziness Differential Diagnosis: A Case Report

Amy Sherman (DPT): Physical Therapy Management of a Patient with Acute Cervical Radicular Pain: A Case Report

Trisha Reyes (DPT): Physical Therapy Interventions to Decrease Urinary Frequency in a 45 y/o Female with Diastasis Recti and Stress Incontinence: A Case Report

Christian Barnes (DPT): Navicular Height: A Diagnostic Measure for Forefoot Pathology: a Case Report

Travis Walke (DPT): Conservative Management of a 37-Year-Old Female With Great Toe Pain: A Case Report

Lightening rounds: 3- minute posters: Doctor of Physical Therapy Second Floor Conference Room, Ballston

6:00	Nicole Junk (DPT): Evidence-based Physical Therapy Intervention in the Treatment of Uncomplicated, Non-displaced Distal Fibular Fracture: A Case Report
6:05	Brendan Kelly (DPT): Rehabilitation Intervention Efficacy Following Multiple Ruptures of an Achilles tendon: A Case Report
6:10	Jared Austin (DPT): Physical Therapy Protocol to Benefit MDS Patients with Cancer-related Fatigue Due to Monthly Week-long Regimented Vidaza Injections?
6:15	Selamawit Fantaye (DPT): Assessing PT Management of Stress Urinary Incontinence: A Case Report
6:20	Jacob Shilling (DPT): Early Initiation of Return-to-Work Activities in a Patient with a Rotator Cuff Repair: A Case Report
6:25	Scott Woodbury (DPT): Management for the Adolescent Athlete Post Patellar Dislocation: A Case Report
6:30	Ashley Jones (DPT): Challenges to Effective Management of Patellofemoral Joint Pain in a Patient with Chronic Pain and mTBI: A Case Report
6:35	Henry Iraheta (DPT): Is Traditional Physical Therapy Warranted After Total Hip Replacement? A Case Report
6:40	Alainna Schmidt (DPT): Impact of Local Vibration Therapy and Physical Therapy Management on Niemann Pick Type C: A Case Report
6:45	Adam Levie (DPT): Treadmill Training for a 15 year old Male with Hereditary Spastic Diplegia after Receiving a Single Event Multi-Level Surgery (SEMLS): A Case Report
6:50	Dylan Clark (DPT): Kinesiopathologic Guided Recovery Following Lumbar Decompression Surgery in a Middle-Aged Female with a Complex Medical History: A Case Report
6:55	Kierstin Moses (DPT): Protocols for post-surgical rotator cuff rehabilitation: Are they effective? Do they allow for individualized and patient-centered care?: A Case Report

7:10-8:40 PM**ORAL PRESENTATIONS**

	Business, Technology ROOM 3010	Health & Education ROOM 3018	Health & Education ROOM 3026
7:10 pm	Manal Alhussein (IT): Patient Perspective on Telehealth/ Telemedicine During the Pandemic in the United States	Emma Holland (Public Health Education), Hannah Martenson (clinical Mental Health Counseling), Melissa Tibur (Education), Rosa Segovia , Stefi Socher , Holly Smith : Building a Community of Practice: IPE Teams Supporting Colegio Brader	Madison Hefler (DPT): High-load Strength Training for Return-to-Run for a Patient with Chronic Plantar Fasciitis: A Case Report
7:25 pm	Adrienne Mccloud (IT-Cyber): Cybersecurity Risks and Mitigations of the IPS with Smartphone Wayfinding inside the airport zone.	Emma K Driscoll (Public Health Education): Evaluating Community-Based Efforts to Address Adverse Childhood Experiences in the City of Alexandria	Tyree Sellers (DPT): Reverse Shoulder Arthroplasty Recovery in a Patient Who Received Preoperative Rehabilitation: A Case Report
7:40pm	Clifton Stone (DSc-Cyber): Autonomous vehicle innovations & the limitation on the workforce around ethics	Taylor Jackson (Forensic and Legal Psychology): The Factors Related to Undergraduate Students Seeking Academic Help Through Peer Tutoring	Sydney Symons (DPT): Impingement Rehabilitation Based Protocol for Greater Tuberosity Fractures: a Case Report
7:55pm	Anusha Gavini (IT): Covid-19 in Indian and Internet of Things Adaptability in The Pandemic	Derreck Dixon (DPT): An Investigation into the Biggest Barriers to Discharge from the Acute Hospital Setting for COVID-19 Patients: A Case Series	Stephanie Peters (DPT): Conservative management of a post-op elbow manipulation under anesthesia: A case report
8:10pm	George E Arubi (IT): Everyone's Radio: Enhancing Playlist Recommendations & Music Discovery	Erika Bennett (DPT): Physical therapy treatment of a 56-year-old female with suspected neurogenic thoracic outlet syndrome: A Case Report	Raven Buckner (DPT): Effectiveness of Mirror Therapy for Treatment of CRPS: a Case Report
8:25pm	Surbhi Kumar (Health Care Management/IT): Geographic Variation in Emergency Department (ED) Dental Utilization across Maryland	Jin seok Chea (DPT): The Effect of Physical Therapy management for a patient with low back pain due to impairments of the ankle: A Case Report	Monica Guerra (DPT): Sacroiliac Joint Dysfunction – An Underlying Cause of Low Back Pain: A Case Report

5:00-5:50 PM

PANEL DISCUSSIONS

Viewing your research through an Interdisciplinary Lens

Room
3010

Optimal Aging: Factors Impacting Quality of Life of Older Adults.

Panelists:

Jessica Artiga: The Battle of Older Latinos Against Diabetes: Changing the Cultural Narrative

Leslie Siphers: Tailoring Mental Health Educational Materials on Depression for Use With Older Adults in Rural Appalachia

Manal Alhussein: Patient Perspective on Telehealth/ Telemedicine During the Pandemic in the United States

Henry Iraheta Is Traditional Physical Therapy Warranted After Total Hip Replacement? A Case Report

Moderator:

Dr. Patricia Heyn, Director, Marymount Center for Optimal Aging.

Room
3018

Innovation for Tomorrow's Workforce- The Future of Work.

Panelists:

Emma Holland: Building a Community of Practice: IPE Teams Supporting Colegio Brader

Ethan Marcano: Sun Microsystems: From Innovation to Acquisition and Commercial Open Source Software: A Case Study

Samantha King: Online Video Gaming Fostering Leadership Skills in the Incoming Workforce

Madison Diba: Rise and Fall: Economic Booming and Busting in an Unprecedented Era

Taylor Jackson: The Factors Related to Undergraduate Students Seeking Academic Help Through Peer Tutoring

Moderator:

Dr. Diane Murphy, Director, Marymount Center for Innovative Workforce.

Room
3026

Social Justice- Local to Global.

Panelists:

TJ Arnold: Boys Don't Cry: The Problem of Enforcing Gender Stereotypes in Children

Skye Gregory: The Relationship Between Racial Identity and Views on the Criminal Justice System

Mariah Allen: The Impact of TF-CBT on Child Sex Abuse Victims

John Perry: Addressing the Underserved Gap: A Discussion of Continuity of Care and Personality Disorder Treatment and Assessment in Italy

Roey Stern: Urbanization and Children's Well-Being Around the World

Zain Alimam: Is Hacktivism Good or Bad?

Moderator:

Dr. Jo-Ann Amadeo, Associate Professor of Psychology.