Rehabilitation Sciences Presentations

Physical Therapy Program 11:00 a.m. – 12:30 p.m., Auerbach Auditorium

Athlete Testing
Students: Emmanuel Caicedo, Marisa Ferguson, Jacob Goodspeed, Andrew King, Anna Lonardo, Dina Okada, Eddie Pomales, Jared Scoville
Faculty: Kristamarie Pratt, PhD, MEng

A Comparative Study of the M-Score, 4-Item Dynamic Gait Index and Functional Reach Test: Validity and Reliability in Assessing Fall Risk and Functional Mobility
Students: Jessica Binkowski, Cailyn McDonnell, Zachary Hodges, Christian Librizzi, Sarah Oyeneyin, Alejandro Tobon, Brittany Wheeler
Faculty: Catherine Certo, ScD, PT, FAPTA; Walt Gorack, PT, MSPT, DPT, GCS

Creating a segmentally adjustable backboard to measure motor learning in sitting sway referencing
Students: Sara Fitzhugh, Amy Kratzer, Makenna Lommori, Jernique Robertson, and Mark Rowley
Faculty: Adam Goodworth, PhD

Effect of optimal trunk support on academic engagement of children with moderate to severe disability
Students: Kelly Blochlinger, Alyssa DeSanti, Katie Hancock, Ashley Klein, Toni Penta, Brianna Testa
Faculty: Sandra Saavedra, MS, PT, PhD

Effect of trunk support or postural contexts on upright control and function
Students: Josh Breighner, Kevin Dellavecchia, Caline Gin, Brian Huynh, Samantha Johnson
Faculty: Sandra Saavedra, MS, PT, PhD; Donna Snowdon, PT, DPT
Training Anticipatory Control among Individuals with Cerebral Palsy
Students: Alex Amaya, Billy Cotsalas, Dianna Olojo, Bradley Russell, Mike Turovac, Alyssa Vereneau, Amanda Zacchi
Faculty: Mary Gannotti, PT, PhD; Matteo Bertucco, PhD

Prosthetics & Orthotics Program

Functional Outcome Measures Best Practices and Instructional Videos
Students: Sarah Chandler, Aedan Hale, Mikaela Nelson, Elizabeth Teixeira
Faculty: Duffy Felmlee, MSPO, CPO; Matthew Parente, MS, PT, CPO, FAAOP

The Hartford Hand Project: Force Myography in Prosthetic Control
Students: Eme Grover, Jean-Feraz Mahase, John Morrison, Ashely Vanaman, Ashley Zerbe
Faculty: Michael Wininger, PhD

LimbWISE
Students: Matt Barnett, Jordan Biagi, Jamie Mauro, Steven Pepe, Kevin Purcell
Faculty: Daniel Lee, PT, DPT, GCS

Measuring Functional Variables of K2 Unilateral Transtibial Amputees Utilizing K3 Prosthetic Feet: a pilot study
Students: Brittany Boscarino, Morgan Bush, Tara Jackson
Faculty: Duffy Felmlee, MSPO, CPO

Quantifying Changes in Hemiparetic Cerebral Palsy Gait with Ankle Foot Orthoses Using Wearable Sensors and Gait Analysis Walkway
Students: Quincey Brabant, Okechuku Ekwuabu, Kaila Joy, Aubrey Koehler, Kelsey Marchetti, Julie Norton, Sarah Zolcak
Faculty: Kristamarie Pratt, PhD, MEng; Duffy Felmlee, MSPO, CPO

Faculty Presentations

The Resilient Teacher Project
Julie Sochacki, JD; Joanne Mumley (Wolcott Public Schools)

Exploration of apelin; a novel mechanism of aging skeletal muscle health
Colleen Muñoz, PhD

Montessori Educators in Context of the US Landscape
Paige M. Bray, EdD; Joshua Russell, PhD; Timothy Nee (CREC); Courtney Reim

The impact of team-based learning throughout a DPT curriculum on students’ development of clinical reasoning
Danni Bellows, PT, DHSc, PCS; Barbara Crane, PT, PhD; Dawn Roller, PT, DPT; Donna Snowdon, PT, DPT; Tricia Prokop, PT, EdD, MS

Kinematic analysis of human posture control ... on a mechanical horse!
Adam Goodworth, PhD

Taking Control of the Test: Developing Programmatic Alignment to Integrate Targeted edTPA Test Preparation
Jillian Cavanna, PhD; Maleka Donaldson, EdD; Nicole Foti, MA
Nursing Presentations

MSN Program 4:00 – 5:00 p.m., Auerbach Auditorium

Making Your Wishes Known: The Impact of Advance Directives Education in Senior Centers
Students: Connie Cole-Ingber, Lisa Ortiz, Candace Ramirez
Faculty: Dawn Bunting, EdD, RN; Susan Eichar, EdD, APRN

Tell Me in Your Own Words: The Teach-Back Method Improves the Nurse's Ability to Teach about Heart Failure
Student: Cathryn Broadwell
Faculty: Cherry Karl, PhD, RN, CNE

Work Smarter Not Harder! Equalizing Nurse-Patient Assignments Utilizing a Workload Tool
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Keep Calm and Nurse On: Teaching Mindfulness Skills to Nursing Students
Students: Virginia Chipps, Maureen Nomakeo
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Bacterial Vaginosis (BV): Using an Individualized Algorithm to Promote Optimal Treatment Efficacy: A Patient-Centered Evidence Based Initiative
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Give It Your Best Shot: A Quality Improvement Initiative Administering Subcutaneous Heparin
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Creating Confident End-of-Life Care Providers: An Educational Session for Novice Pediatric Nurses
Student: Lisa Coakley
Faculty: Cherry Karl, PhD, RN, CNE

Finding the Calm in Chaos: Educational Programs to Decrease Stress in Nursing Students
Students: Leanne LaRose, Anne Sullivan
Faculty: Dawn Bunting, EdD, RN; Susan Eichar, EdD, APRN

Technology Tantrums: Managing Screen Time in School-age Children
Students: Mohammed Alnawman, Salam N. Alhazza, Kerry Providence
Faculty: Karen Breda, PhD, RN

Poster Gallery – All Programs 8:30 a.m. – 6:30 p.m., Shaw Center

Faculty

Screening, Brief Intervention, Referral to Treatment (SBIRT) As a Harm Reduction Public Health Approach for At-Risk College Students
Faculty: Karen Duhamel, DNP, RN

Honors

Time Course of Fluid Regulatory Hormones and Thirst Across Water Deprivation and Rehydration
Student: Christina Titarenko
Faculty: Colleen Muñoz, PhD

Best Practices of X-Ray Shielding: Inside Technologists’ Perspectives
Student: Maria Chiaia
Faculty: Claudia Oakes, PhD

Patient Health Literacy in College Students
Student: Thompson Akele
Faculty: Claudia Oakes, PhD

The Impact of Implicit Bias on Student Success
Student: Alexa Perrefort
Faculty: Theresa Abodeeb-Gentile, PhD

Effects of Pelvic Stabilization on Upper Extremity Function
Student: Madison Markey
Faculty: Adam Goodworth, PhD

The Effects of Extracurricular Activities on Students with Special Needs
Student: Tess Michaud
Faculty: Sarah Hart, PhD
Language Acquisition: Interventions and Best Practices
Student: Elyse Wallach
Faculty: Theresa Abodeeb-Gentile, PhD

Education

Effects of International Service Learning on the Development of Intercultural Competence
Student: Sharon M McCloskey, MBA, OTR/L, DipCOT
Faculty: Karla Loya, PhD

"Empathacation": Assessment of the Whole Teacher
Student: Brianna Tribble-Bryant
Faculty: Lisa Zawilinski, PhD

Health Sciences and Nursing

Health Science:

Calcium Scoring
Students: Kerri Belyea, Carly Brunelle, Shelby Folsom, Dylan Jinks, Ashley Joia, Ashley Lukas, Lianne Miller, Jenna Paul, Kristen Williams
Faculty: James Riopel, MS, RT

MRI Spectroscopy
Students: Stephanie Boutelle, Suzan Colon, Erin Hunt, Brenna Kuskoski, Nesma Mohamed, Nicolette Moschitta, Ashley Sill, Danielle Sullivan, Shaylyn Tracy, Medina Udovcic
Faculty: Jeffrey Phelps, MS, RT

Triple Negative Breast Cancer: A Sonographic Case Study
Student: Maria Chiaia, Taylor Libera
Faculty: Barbara Asher, BA, RT, ARRT, CNMT, RDMS, RVT

Time Course of Fluid Regulatory Hormones and Thirst Across Water Deprivation and Rehydration
Students: Christina Titarenko, Avaiz Rana
Faculty: Colleen Muñoz, PhD

Impact of water intake on mood in older adults; an update
Students: Christianah Alli, Breanna Karabeinikoff, Danielle Bessette, Vincent Pecorelli, Jessica Obey
Faculty: Colleen Muñoz, PhD

Nutritional intake related to health and survival in local older adults
Students: Breanna Karabeinikoff, Christianah Alli, Vincent Pecorelli, Danielle Bessette
Faculty: Colleen Muñoz, PhD

The Impact of the Affordable Care Act’s Medicaid Expansions on the Organ Transplant Wait List
Student: Meghan Becerril
Faculty: Ben Brewer, PhD
**Nursing – RN to BSN:**

**The Senior Stomp Session**
Students: Theresa Aisevbonaye, Virginia Rivera
Faculty: Liza McMahon, MA, RN; Maggy Tomkins, MSciSoc, RN

**Stress Reduction Activities for Students**
Students: Cindy Amoroso, Lizzy Fuentes
Faculty: Liza McMahon, MA, RN; Maggy Tomkins, MSciSoc, RN

**Keep It Moving**
Students: Tiffany Barrett, Peter-gay Nevins-McKenzie
Faculty: Liza McMahon, MA, RN; Maggy Tomkins, MSciSoc, RN

...because being healthy matters
Students: Marie Bate, Katherine Spriegel
Faculty: Diane Verrochi, MSN, RN; Maggy Tomkins, MSciSoc, RN

**HOPE: Helping Others Providing Encouragement**
Student: Michelle Beharry, Carolee Garvey
Faculty: Diane Verrochi, MSN, RN; Maggy Tomkins, MSciSoc, RN

**Increased Knowledge, Not Increased Pressure**
Student: Ashlie Chiapponi, Brenda Kenny
Faculty: Liza McMahon, MA, RN; Maggy Tomkins, MSciSoc, RN

**Operation Fire Safety**
Student: Natalee Daley, Collette Hannam
Faculty: Liza McMahon, MA, RN; Maggy Tomkins, MSciSoc, RN

**Fun In Recovery**
Students: Theresa Danise, Lyudmyla Levytska
Faculty: Diane Verrochi, MSN, RN; Maggy Tomkins, MSciSoc, RN

**Healthy Bellies Healthier Minds**
Student: Erin Davis, Liliani Rosa-Mercado
Faculty: Liza McMahon, MA, RN; Maggy Tomkins, MSciSoc, RN

**Kindness is Contagious**
Students: Vsevolod Dookh, Karen Smith
Faculty: Diane Verrochi, MSN, RN; Maggy Tomkins, MSciSoc, RN

**Work On It! Building confidence in the skills needed to find a job**
Student: Denise Firestone
Faculty: Diane Verrochi, MSN, RN; Maggy Tomkins, MSciSoc, RN

**Under Pressure: Empowering the Homeless Population to Take Control of Their Hypertension**
Students: Dathan Mcdonald, Giovanni Mercado
Faculty: Diane Verrochi, MSN, RN; Maggy Tomkins, MSciSoc, RN
The Bingo Guys: An Exploration of Leisure Activities as Model for Stress Relief  
Students: Jose Silva, Donald Soderquist  
Faculty: Diane Verrochi, MSN, RN; Maggy Tomkins, MSciSoc, RN

The Domino Effect: Using dominoes to teach stress reduction among House of Bread clients  
Students: Jade Tran, Charmagne Verano  
Faculty: Liza McMahon, MA, RN; Maggy Tomkins, MSciSoc, RN

A Better You: Coping with Stress and Anxiety in College  
Students: Donna White, Caroline Wood  
Faculty: Liza McMahon, MA, RN; Maggy Tomkins, MSciSoc, RN

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Students: Mohammed Alnawman, Salam N. Alhazza, Kerry Providence
Faculty: Karen Breda, PhD, RN

Reason to Smile: Educating Seniors in the Community on the Importance of Oral Health
Students: Denise Cortegiano, Karen LaFrance, Brianna Lynes
Faculty: Dawn Bunting, EdD, RN; Susan Eichar, EdD, APRN

Don’t Let Your Float Down: Educating Nurse Leaders Elevates Float Nurse Value
Students: Pamela Delfino, Jennifer Tarczali
Faculty: Karen Breda, PhD, RN

If You’re Healthy and You Know It, Wash Your Hands: Evidenced-Based Handwashing Education for School-Aged Children
Students: Ranisha Miller, Althea Clarke, Kayid Aldalbahi
Faculty: Karen Breda, PhD, RN

GOT MENTOR? The Role of the Clinical Leader in Mentoring Newly Hired Nurses
Students: Anne Wojskowicz, Sarah Auperin
Faculty: Karen Breda, PhD, RN

Don’t Hesitate, Vaccinate! An Influenza Vaccine Education Program
Students: Shelly Schwartz, Kristin Burke
Faculty: Karen Breda, PhD, RN

The Hospital (Not So) Quiet Zone: Creating an Environment for Patient Satisfaction through Noise Reduction Strategies
Student: Linda Walker
Faculty: Cherry Karl, PhD, RN, CNE
Navigating Workplace Stress through Resilient Moments
Student: Teresa Martens
Faculty: Cherry Karl, PhD, RN, CNE

Work Smarter, Not Harder: Time Management for Nursing
Student: Debbie Gittens
Faculty: Cherry Karl, PhD, RN, CNE

Wait! Don’t Rush the Bath: Delayed Immersion Bathing
Students: Christine VanVliet, Megan Petrucelli
Faculty: Cherry Karl, PhD, RN, CNE

Rehabilitation Sciences

Physical Therapy:

A Comparative Study of the Mobility Score (M-Score), Tug, and Tinetti (POMA): Validity and Reliability in Assessing Fall Risk and Functional Mobility
Students: Seung Yeon Choi, Steven Glykokokalos, Devyn Kangas, Ramsha Khan, Alexander Perdikis, David Reindl, Stephanie Santos
Faculty: Catherine Certo, ScD, PT, FAPTA; Walt Gorack, PT, MSPT, DPT, GCS

The IMPACT of an After School Exercise Program on the Musculoskeletal Structure and Function of Children with Cerebral Palsy
Students: Erica Breive, Rebecca Cameron, Robert Mobyed, Omosefe Oronsaye, Hanna Tarbox, Kristen Miller
Faculty: Mary Gannotti, PT, PhD; George Gorton, MS, CCRP

Quantifying Changes in Hemiparetic Cerebral Palsy Gait with Ankle-Foot Orthoses Using Wearable Sensors and Gait Analysis Walkway
Students: Reid Beauchemin, Sarah Coppola, Katherine Farrell, Holly Hendrix, Nicole Heroux, Nicolas Sauerbrunn
Faculty: Kristamarie Pratt, PhD, MEng; Duffy Felmlee, MSPO, CPO

Detecting Drop Jump Asymmetries Using Wearable Sensors & 3D Motion Capture
Students: Ethan Dickinson, Thomas Kirsch, Mike Krukiels, Jason Lawrence, Nicholas Murray, Tyler Navarro, John Ribeiro
Faculty: Kristamarie Pratt, PhD, MEng

Targeted Training
Students: Matthew Baronowski, Danielle Dumornay, Desiree Fredericks, Timothy Geier, Gwan Ju, Joseph Mickelson, Lauren Shortell
Faculty: Sandra Saavedra, MS, PT, PhD

Development of Sensory and Motor Function in Infants with Sensorineural Hearing Loss (SNHL)
Students: Jillian Barnaby, Nikki Engstrom, Anna LeBlanc, Nick Pisanelli, Bill Russo, Nikki Solis
Faculty: Sandra Saavedra, MS, PT, PhD; Donna Snowdon, PT, DPT
Prosthetics and Orthotics:

Functional Outcome Measures Best Practices and Instructional Videos
Students: Sarah Chandler, Aedan Hale, Mikaela Nelson, Elizabeth Teixeira
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