



Student and Faculty Presentations and Posters

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 Bertuccio, PhD

Prosthetics & Orthotics Program

12:30 – 1:30 p.m., Auerbach Auditorium

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

2:00 – 3:30 p.m., Auerbach Auditorium

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

Students: Rita Nettleton, Amanda O'Connell

Faculty: Dawn Bunting, EdD, RN; Susan Eichar, EdD, APRN

Teaching the Way to Fewer Patient Falls: A Fall Prevention Education Program for Hospital Nursing Staff

Student: Rebecca J. Paquette

Faculty: Cherry Karl, PhD, RN, CNE

Teaching Nursing Students to Stop the Bleed: Emergency Preparedness Education for Mass Casualty Events

Students: Majeda Basilio, Valerie Varanelli

Faculty: Karen Breda, PhD, RN

The Knee'd For Mandatory Pre-Operative Education

Students: Toni Schlais, Julie Szolomayer

Faculty: Cherry Karl, PhD, RN, CNE

Keep Calm and Nurse On: Teaching Mindfulness Skills to Nursing Students

Students: Virginia Chipps, Maureen Nomakeo

Faculty: Karen Breda, PhD, RN

Bacterial Vaginosis (BV): Using an Individualized Algorithm to Promote Optimal Treatment Efficacy: A Patient-Centered Evidence Based Initiative

Student: Sarah Dean

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Dream it and Achieve it: Sleep Enhancement Program among College Students

Students: Bashayer M. Mohammed, Mubarakh H. Algedaani

Faculty: Karen Breda, PhD, RN

Preventing Injury: Oxygen Safety and Smoking of Home Care Patients

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Catch the Clot: Educating Nurses Regarding Evidence-Based Deep Vein Thrombosis Assessment

Students: Alison Ginter, Monique France,

Faculty: Dawn Bunting, EdD, RN; Susan Eichar, EdD, APRN

Give It Your Best Shot: A Quality Improvement Initiative Administering Subcutaneous Heparin

Students: Valeria Morell, Martha Rivera

Faculty: Dawn Bunting, EdD, RN; Susan Eichar, EdD, APRN

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

Students: 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 McMahan, MA, RN; Maggy Tomkins, MSciSoc, RN

A Better You: Coping with Stress and Anxiety in College

Students: Donna White, Caroline Wood

Faculty: Liza McMahan, MA, RN; Maggy Tomkins, MSciSoc, RN

Nursing – MSN:

Making Your Wishes Known: The Impact of Advance Directives Education in Senior Centers

Students: Connie Cole-Ingber, Lisa Ortiz, Candace Ramirez

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Technology Tantrums: Managing Screen Time in School-age Children

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 Krukiel, 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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NURSING AND HEALTH PROFESSIONS**