

Podium Presentations

Thursday, April 25

Time	Title	Authors
1:00 PM	Comparing patellar tendon characteristics between adults with and without knee pain	Samantha K. Price, Karin Gravare Silbernagel, David T. Felson, Joshua J. Stefanik, Patrick Corrigan
1:15 PM	Immigrant Mothers' Attitudes and Beliefs about Infant Feeding: A Systematic Review	Dixie Meyer, Maria Jose Romo-Palafox
1:30 PM	CTBP1 Mutation Affects Neurodevelopment	Suhjin Lee, Leah Keswani, Selvamani Vijaylingam, Govindaswamy Chinnadurai, Uthayashanker Ezekiel
1:45 PM	Meta Analysis of Exercise and Activities to improve Cognitive and Motor performance in Parkinson's Disease	Syed Ahmad, Jason Longhurst, D. Stiles, L. Dillon, and Eliza Shroba
2:00 PM	Optimizing Falling Drop Hemoglobin Method by Determining Blood Sample Type and Stability of the Copper Sulfate Solution and Implementing an Automated Timing Device	Amogh Chariyamane and Tim R. Randolph
2:15 PM	The relationship between midlife physical activity, disease symptoms, and quality of life in Parkinson's Disease	Elisabeth DeMarco, Jac Lindish, Elissa Held-Bradford, Jason K. Longhurst,
2:30 PM	Exploring medical teams' coverage and extending injury and illness epidemiology within youth athletics in Africa: A Prospective study during the 2023 African Youth Under 18/20 Athletics Championships	Davie Mulenga, Pascal Edoaurdo, Pierre-Eddy Dandrieux, Florence Salati, Jessica Wallace, Oluwatoyosi Owoeye
2:45 PM	Enhancing Recovery and Performance In Athletes With Delayed Onset Muscle Soreness	Hugo Keriven, Olu Owoeye, Timothy Howell
3:00 PM	Valuing the student voice: universal design for learning (UDL) as a framework for pedagogical reform in Higher Education	Alison Power, Emma Whewell
3:15 PM	Understanding Utilization of WIC Among RIM Families: Preliminary Community Conversations Findings	Elaine T. Beulick, MariaJose Romo-Palafox
3:30 PM	Bacterial Behaviors: Biofilm and Swarming	Nilan Patel, Uthayashanker Ezekiel
3:45 PM	A coordinated analysis to examine the relationship between balance ability and perception discordance and falls in Parkinson's Disease	Jason K Longhurst, Daniel Peterson, Andrew Hooyman, Merrill R Landers, Martina Mancini, Erica Franzen, Breffni Leavy, Hanna Johansson
4:00 PM	Hemoglobin C (HbC) Interacts with Hemoglobin S (HbS) in Patients with the HbSC Disease	Tim R. Randolph
4:15 PM	Dual task effect on speech and gait in Parkinson's disease	Yi-Fang Chiu, Jason Longhurst

Scholarship On Tap

Please join us for the Scholarship on Tap Collaborative Social Hour at 4:30 pm where you can connect with presenters and other colleagues to discuss your scholarship and enhance collaboration. We will also recognize the DCHS Scholarship Week honorees.



SAINT LOUIS UNIVERSITY
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DOISY COLLEGE OF HEALTH SCIENCES

Scholarship Week
April 22-25, 2024

Poster Presentations

April 22-25

Fl. #	Title	Author(s)	Dept.
1 1	Qualitative Assessment of Student Experiences from Interprofessional Community Practicum Critical Reflections	Sarah Frye, Jessica Barreca, Mike Markee	CHS, PTAT, IPE
1 2	CryoEM unveils an atypical bi-copper cluster in the nitrogenase-like DPOR complex	Natalie Walsh, Rajnandani Kashyap, Jaigeeth Deveryshetty, Brian Bennett, and Edwin Antony	SOM, DCHS
1 3	Running with Achilles tendinopathy: tendon forces throughout a prolonged run	Abby Hanselman, Kayla D. Seymore, Ryan T. Pohlig, Karin Gravare Silbernagel, Patrick Corrigan	PTAT
1 4	The relationship between cognition, fear of falling avoidance behavior, and backwards gait.	Delaney Walker, Yi-Fang Chiu, Lauren Schwarz, Momina Soudagar-Turkey, Jason Longhurst	PTAT
1 5	Fear of falling avoidance behavior is related to balance characteristics among individuals with PD	Sarah Carlson, Kaitlin Codd, John V. Rider, Merrill R. Landers, Jason K. Longhurst	PTAT
1 6	Relation of Knee Extensor Tendon Mechanical Properties to Dynamic Knee Joint Stiffness in Adults with Knee Osteoarthritis	Sharf M. Daradkeh, Samantha K. Price, Karin Gravare Silbernagel, Joshua J. Stefanik, Patrick Corrigan	PTAT
1 7	Does surgical setting determine post-acute physical therapy utilization following lower extremity joint replacement?	Mike Markee, Preethi Ravipati, Tim Chrusciel	PTAT
2 8	Response to Intervention at City Garden Montessori School	Sarah Zimmerman, Erin Berson, Dillan Dumanlang, Abigail Hanley, Lindsey Kohl, Erin Porter	OSOT
2 9	Saint Louis University Interdisciplinary Center for Autism Services: Changes in Referral Age	Tess Boghossian	OSOT
2 10	Occupational Therapy and Speech-Language Pathology Student Collaboration for Preschool Success in SLU's Early Childhood Literacy Center	Emma Kein, Ryann Wald, Sarah Zimmerman	OSOT
2 11	AAC and Autistic Adults: Exploring SLPs' Knowledge and Experience	Emily Speelman, Saneta Thurmon	SLHS
2 12	Geriatric Patient's Hearing Loss Perceptions in Adult Cochlear Implant Care	Saneta Thurmon	SLHS
2 13	The Effect of Dual Tasking on Speech Pausing in Parkinson's Disease	Audrey May, Lauren Schwarz, Momina Soudagar Turkey, Jason Longhurst, Yi-Fang Chiu	SLHS
2 14	The Impact of Dual-Tasking on Speech Intensity in Individuals with Parkinson's Disease	Alanna Buechele, Lauren Schwarz, Momina SoudagarTurkey, Jason Longhurst, Yi-Fang Chiu	SLHS
3 15	CTBP1 mutation affects neuronal stem cell migration	Leah Keswani, Suhjin Lee, Selvamani Vijaylingam, Govindaswamy Chinnadurai, Uthayashanker Ezekiel	CHS
3 16	An Inter-university Geriatric Case Competition Helped Students Achieve Interprofessional Collaboration Competencies	K.M. Talley, M. Berg-Weger, M. Zubatsky, E.F. Osterbur, R. Williams, T. Schicker, L. Pejsa, C. Cauble, J.F. Wyman, J.E. Gaugler, J.T. Pacala	CHS

Fl. #	Title	Author(s)	Dept.
3 17	The Assessment of Health Literacy Among College Students	Annie Rahlfs, Elaina Osterbur	CHS
3 18	Minority Status and Mental Health Effects During the First Year Transition at Saint Louis University	Lauren Sugiyama, Elaina F. Osterbur	CHS
3 19	The Effects of Eating Habits and Stress Among Undergraduate Students	Tanjim Himika, Elaina Osterbur, Tanvi Yadlapalli	CHS
3 21	Assessment of L and D-Valine for Inhibition of hemoglobin S Polymerization	Kashyap Patel, Tim R. Randolph	CHS
3 22	Development of a Manual Hand Crank Hematocrit Centrifuge to Assess Anemia in Resource-Poor Regions	Amogh Chariyamane, Tim R. Randolph	CHS
3 23	Optimizing a Low-Cost Method to Measure HbF for Use in Underdeveloped Countries	Kristin Steiner, Tim R. Randolph	CHS
3 24	Optimizing Falling Drop Hemoglobin Method by Determining Blood Sample Type and Stability of the Copper Sulfate Solution and Implementing an Automated Timing Device	Amogh Chariyamane, Tim R. Randolph	CHS
3 25	Pediatric Gastric Emptying: A Cheesy Alternative	Madison Dicus, Crystal Botkin	CHS
3 26	Virtually as good? Comparing acceptance and intent to matriculate between candidates taking part in in-person vs virtual interviews	Genevieve DelRosario, Caroline Chang, Helen McCormack	CHS
3 27	Text messages utilized to promote overall graduate student wellness	Elizabeth Rhyne, Dixie Meyer	CHS
3 28	The Use of PSMA-PET Biology-guided Radiotherapy for Metastatic Prostate Cancer	Melisa Kafedzic	CHS
3 29	Stereotactic Body Irradiation in Improving Survival of Patients with Non-Small Cell Lung Cancer	Kathleen Hopson	CHS
3 30	The Effects of Craniospinal Irradiation on Medulloblastoma in Pediatric Patients	Jacqueline Pina	CHS
3 31	Radiation-Induced Cognitive Decline in Patients with Metastatic Brain Tumors	Luke Friese	CHS
3 32	The Effectiveness of Proton Therapy vs. Photon Therapy in Delivering Craniospinal Treatment for Pediatrics	Hadar Bloom	CHS
3 16	An Inter-university Geriatric Case Competition Helped Students Achieve Interprofessional Collaboration Competencies	K.M. Talley, M. Berg-Weger, M. Zubatsky, E.F. Osterbur, R. Williams, T. Schicker, L. Pejsa, C. Cauble, J.F. Wyman, J.E. Gaugler, J.T. Pacala	CHS
3 33	Proton vs Photon: The Superior Radiation Therapy Approach	Jordan Floyd	CHS
3 34	Total Skin Electron Irradiation Effects in Patients with Mycosis Fungoides	Samantha Grgic	CHS
3 35	Methylation Levels of Genes in the INSR-A Branch of Insulin Signaling Pathway Altered by Saturated and Polyunsaturated Fatty Acids in Adipogenesis	Yi Li, Joshua Zimmerman, Mary Schaefer, Peter Baartman	ND

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