

Day and Time	Event Type	Who is recognized	Institution	Title of work	Location
Wednesday					
8:00-4:00	Pre-Con	Mary Sue Ingman, PT DSc	St. Kate's	Why words matter: Facilitating behavior change with health coaching	
Thursday					
8:00-10:00	Platform	Paula Ludewig, PT, PhD, FAPTA	UMN	Supraspinatus Stress and Strain Across Arm Elevation	Liberty Salon J
	Platform	Rebekah Lawrence	UMN	Kinematic Mechanisms of Scapulothoracic Upward Rotation	Liberty Salon J
	Session	Terri Chmielewski	TRIA	Opioid Issues in athletes	146B
1:00 - 3:00	Poster	Samantha Mohn-Johnsen, PT, DPT, EdD, OCS, PCS	CSS	An investigation of development of clinical reasoning skills in physical therapy students during clinical education experiences	
	Poster	Bailey H; Greenfield J; Groth B; Schaffer A; Cieminski, C	St. Kate's	Modeling of the Subacromial Space during Traditional and Alternative Special Tests for Subacromial Impingement.	Ortho- shoulder
	Poster	Anderson C, Eckert J	St. Kate's	Impact of Terminal Clinical Length on Satisfaction, Learning Opportunities, and Confidence	Edu
	Poster	Thomanschefsky K	St. Kate's	Establishing Normative Data for the Four Square Step Test	#1213
	Poster	Thomanschefsky K,	St. Kate's	A Novel Dual-Task Version of the Four Square Step Test	#1214
	Poster	Matt Buch, Peter Christenson, Jessica Hansen, Christopher Lawson, Kalie Schwartz Advisor: Ann Van de Winckel	UMN	Development of the upper limb motor scale: "Awareness of functional tasks with arm and hand in stroke" (AFAS), functional tasks with the arm subsection	
	Poster	Justin Staker, Rebekah Lawrence, Arin Ellingson, S. Haglund, J. Braman, and Paula Ludewig	UMN	Comparison of Dynamic Joint Kinematics during Shoulder Elevation in Healthy Controls and Individuals Diagnosed with Multidirectional Instability"	
	Poster	Rebekah Lawrence, J. Braman, Paula Ludewig	UMN	"The Effect of Decreased Scapulothoracic Upward Rotation on Subacromial Proximities"	
3:00-5:00	Platform	Berglove K, DeWitt C, Wild K, Yegge M, Bjornaraa J	St. Kate's	The Influence of Fatigue and Anticipation on Jump-Cut Movement Patterns in Lower Extremity Biomechanics.	Sports
	Platform	Rebekah Summers	UMN	Effect of Cerebellar Transcranial Direct Current Stimulation in Cervical Dystonia	152A
	Session	Berry JW, PT, DPT, PhD	Northland College	Research, Scholarly Activity, and National Presentations: A PTA Educators Guide.	140AB
Friday					
6:15-7:45 (\$25)	Morning Sports Rounds	Paul Yerhot PT, DPT, SCS; Scot Morrison, PT, DPT, OCS, CSCS	TRIA	Variable Demands of Sport and their Impact on Tendinopathy Progression	

8:00-10:00	Session	Gilchrist L, PT, PhD	St. Kate's	Secondary Upper Quadrant Lymphedema Interventions: A Clinical Practice Guideline	103B
	Platform	Kristin Lefebvre, PT, PhD, CCS	Concordia	Can An Interdisciplinary Mobility Simulation Meet the Objectives of the Interprofessional Education Collaborative (IPEC)?: AQualitative Study	
11:00-1:00	Platform	Linda Koehler	UMN	Tissue Dielectric Constant Measures on the Trunk in Women Following Breast Cancer Surgery	Platform area 3
	Session	Paula Ludewig	UMN	Supraspinatus Stress and Strain Across Arm Elevation” This is a panel type discussion.	146A
	Platform	Terri Chmielewski, Adam Meierbachtol, Ryan Zarzycki and Ryan Mizner (TRIA)	TRIA	Can fear or other psychological factors alter movement after ACL reconstruction?	103 B
	Platform	Kristin Lefebvre, PT, PhD, CCS	Concordia	Positive Effects of High Intensity Interval Training (HIIT) in the Post Heart Transplant (HTx) Population: A Systematic Review	
1:00-3:00	Poster	Aaron Miller, Jared Hoffmann, Mike Plant, Aaron Moyer, Mo Chen Advisor: Bekah Summers	UMN	“Impaired Transcallosal inhibition in cervical dystonia”	2038
	Poster	Ellen Sutter, Sam Nemanich, B. Mueller, Mo Chen, MK. Georgieff, J. Elison Advisor/Faculty: Bernadette Gillick	UMN	Brain Reorganization and Corticospinal Connectivity in Infancy: A Comparison of Perinatal Stroke and Typical Development	2039
	Poster	Ellen Sutter, Sarah Dougherty, Emily Gilray, Nicole Van Beek, Darion Helberg, Sam Nemanich, et al Advisor: Bernadette Gillick	UMN	Computational Modeling of Non-Invasive Brain Stimulation in Children and Adolescents with Cerebral Palsy: A Case Study	2040
	Poster	Guara Sani, Anna Spracklin, Rebekah Lawrence Advisor/Faculty: Paula Ludewig	UMN	he Effect of Axial Rotation on Shoulder Subacromial Contact and Compression	2102
	Poster	Adam Meierbachtol, PT, DPT, SCS, ATC (TRIA)	TRIA	Younger athletes with ACL reconstruction show better psychological readiness for sport that is not matched by functional readiness for sport	2292
	Poster	Ben Maschke, PT, DPT, OCS (TRIA, collaboration with UW-Madison)	TRIA	Higher Fear-Avoidance Beliefs Are Associated with Lower Running Ability in Injured Runners	2318
3:00-5:00	Session	Amy Toonstra, DPT, CCS	Concordia	Functional Measures in the ICU: How to Have Your Cake and Eat It, Too	
7:00-9:00	Reception	All Minnesotans!	MNPTA and St. Kate's	Loons on the Mall	Renaissance Washington DC Downtown Hotel rooms 12-14
Saturday					

11:00-1:00	Session	Amy Toonstra, DPT, CCS	Concordia	Is Your Career Plan Keeping Up With the Future of Physical Therapy Care in the ICU?	
1:00-3:00	Poster	Lily Jilk, Austin Moore, Tom Battaglia, Angel Davis, Kendra Smith Advisor: Ward Glasoe	UMN	Representation of First Ray Kinematics during Gait: Effects of Different Rotation Sequences and Hallux Valgus Deformity	3280
	Poster	Ethan Capers, Drew Lukes, Arianna Mattila, Karl Meunier, Emily Parnell Advisor(s): Paula Ludewig and Justin Staker	UMN	“Comparison of Glenohumeral Translations During Simulated Swimming in Swimmers Diagnosed with Multidirectional Instability and Healthy Controls”	3347
	Poster	Berry JW	Northland College	A Survey and Analysis of Burnout and Productivity Requirements among Wisconsin Licensed Physical Therapists	3103
	Poster	Berry JW	Northland College	A Survey and Analysis of Autonomy and Productivity Requirements Among Physical Therapist Assistants in Washington State	3092
	Poster	Chad Kofoed, PT, DPT, OCS (TRIA)	TRIA	Examination of an Upper Extremity Functional Testing Battery: Change in Score Over Time and Association with Self-Reported Function	3356
	Poster	Jena Ogston, PhD, PT, Hanna Ervin, SPT	CSS	Foot and Ankle EMG Activity During Common Foot Strength	3344
	Poster	Jeanne Lojovich; Sean Colaco; Weston Obrycki; Sam Oehler; Madison Peitz; Dana Sotherland; Madeline Wiltgen	Concordia	Training the Trainers: Adaptive Swimming in Pediatrics	3100