Paper					Conference			
ID.	Paper Title	Author Listing	Location	Topic	Code	Date	Day	Time
	•	Noor Shoaib, Temple University;		•			,	
		Amir Mohammad Amiri, Temple University;						
		Binod Thapa Chhetry, Northeastern University;						
		Gretchen Snethen, Temple University;						
		Mary Schmidt-Read, Magee Rehabilitation						
		Hospital;						
	Improving physical activity	Marlyn Ramos Lamboy, MossRehab, Einstein	Independence					
	levels of individuals with	Healthcare Network;	Center, Hall A -	Posters -				
	spinal cord injury in the	Stephen Intille, Northeastern University; Shivayogi	Independence	Student				2:15 pm -
138	community	Hiremath, Temple University	level	Scientific	PO01	7/13/2018	Friday	4:00 pm
			Independence					
	Reliability and Repeatability		Center, Hall A -	Posters -				
	of Tissue Compliance Tester		Independence	Student				4:15 pm -
140	Over Bony Anatomy	Jacob Misch, Georgia Institute of Technology	level	Scientific	PO02	7/14/2018	Saturday	5:45 pm
			Independence					
	Let's Ride: design of an		Center, Hall A -	Posters -				
	adaptive tricycle system for		Independence	Student				2:15 pm -
141	client with cerebral palsy	Elizabeth Hoskin, Queen's University	level	Scientific	PO01	7/13/2018	Friday	4:00 pm
		Ryan Coulson, Lafayette College;						
		Devin Berg, University of Wisconsin-Stout;						
		Megan Robinson, Case Western Reserve						
		University;	Independence					
	User Testing of a Continuum	Max Kirkpatrick, University of South Carolina;	Center, Hall A -	Posters -				
	Manipulator for Assistive	Meghan Donahue, Stout Vocational Rehabilitation	Independence	Student				4:15 pm -
142	Technology	Institute	level	Scientific	PO02	7/14/2018	Saturday	5:45 pm
			Independence					
	Designing a way-finding tool	Neeta Khanuja, University at Buffalo;	Center, Hall A -	Posters -				
	for people with cognitive	Edward Steinfeld, Center for Inclusive Design and	Independence	Student			_	2:15 pm -
143	difficulties	Environmental Access, University at Buffalo	level	Scientific	PO01	7/13/2018	Friday	4:00 pm
			Independence					
	Caregiver perceptions of	Hailee Kulich, University of Pittsburgh;	Center, Hall A -	Posters -				
	three different patient	Sarah Bass, University of Pittsburgh;	Independence	Student		_ , , , , , _ , , , ,		4:15 pm -
144	transport wheelchairs	Alicia Koontz, University of Pittsburgh	level	Scientific	PO02	7/14/2018	Saturday	5:45 pm
	Conceptual framework for							
	and design prototype for							
	Young Children's Assistive							
	Technology (yCAT): A novel							
	approach to environmental		Independence	D I				
	access and control through	Minds Bulls - To see Hell - 11 - Bit - 1 - 6	Center, Hall A -	Posters -				2.45
146	an interactive human-	Nicole Radlow, Towson University; Brinda Angra,	Independence	Student	DO01	7/12/2010	Fuide:	2:15 pm -
146	building system	Towson University	level	Scientific	PO01	7/13/2018	Friday	4:00 pm

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ID	Paper Title	Author Listing	Location	Topic	Code	Date	Day	Time
	Characterizing Quantum Tunneling Composite for			Торго				
	Use in the Manual	Katherine Thanyamongkhonsawat,	Independence					
	Wheelchair Virtual Seating	Human Engineering Research	Center, Hall A -	Posters - Student				4:15 pm -
147	Coach	Laboratories	Independence level	Scientific	PO02	7/14/2018	Saturday	5:45 pm
	Ethical implications of the use of tele-operation technology for powered wheelchair assessment and	Emma Smith, University of British	Independence Center, Hall A -	Posters - Student				2:15 pm -
148	training	Columbia	Independence level	Scientific	PO01	7/13/2018	Friday	4:00 pm
149	Adapted video game controller use following upper extremity injury and amputation: from fun to functional	Kaitlyn Jones, University of Scranton	Independence Center, Hall A - Independence level	Posters - Student Scientific	PO02	7/14/2018	Saturday	4:15 pm - 5:45 pm
150*	Development And Preliminary Investigation Of A Semi-Autonomous Socially Assistive Robot (Sar) Designed To Elicit Communication, Motor Skills, Emotion, And Visual Regard (Engagement) From Young Children With Complex Cerebral Palsy: A Pilot Comparative Trial	Cecilia Clark, University of Colorado Denver	Independence Center, Hall A - Independence level	Posters - Student Scientific	PO02	7/14/2018	Saturday	4:15 pm - 5:45 pm
151*	Wheelchair Rugby Athlete Demographics And Shoulder Pain: A Pilot Study	Kylee Hooper, Ohio State University; Wendy Koesters, The Ohio State University; Kevin Stahr, The Ohio State University; Carmen DiGiovine, The Ohio State University; Theresa Berner, The Ohio State University Genevieve Daoust, Université de Montréal;	Independence Center, Hall A - Independence level	Posters - Student Scientific	PO02	7/14/2018	Saturday	4:15 pm - 5:45 pm
152	Exploring the use of a new power mobility training program for young children with cerebral palsy: A single subject research design	Asia Khaton, Universit de Montréal; Resi Contardo, Centre de Readaptation Marie-Enfant; Paula Rushton, Université de Montréal	Independence Center, Hall A - Independence level	Posters - Student Scientific	PO01	7/13/2018	Friday	2:15 pm - 4:00 pm

Paper					Conference			
ID [.]	Paper Title	Author Listing	Location	Topic	Code	Date	Day	Time
			Independence					
	APP for the Seating devices		Center, Hall A -	Posters - Student				4:15 pm -
153	prescription process	Adriana Klein, USP	Independence level	Scientific	PO02	7/14/2018	Saturday	5:45 pm
		Lin Wei, University of Pittsburgh;						
	The Relationship between	Chung-Ying Tsai, Mount Sinai;						
	Joint Ranges of Motion and	Hyun-Wook Ka, Human Engineering	Independence					
	Joint Kinetics during Sitting	Research Laboratories;	Center, Hall A -	Posters - Student		_ / /		2:15 pm -
154	Pivot Wheelchair Transfers	Alicia Koontz, University of Pittsburgh	Independence level	Scientific	PO01	7/13/2018	Friday	4:00 pm
		María Gómez Medina, University of						
		Alberta;						
		Javier Castellanos Cruz, University of Alberta;						
		Adriana Rios Rincon, Universidad del						
		Rosario;						
		Antonio Miguel Cruz, Universidad del						
		Rosario;						
	Testing a low cost mobile	Daniel Quiroga, Universidad del						
	robot using inclination and	Rosario;						
	switch interfaces to support	William Rodriguez Dueñas,	Independence					
	play in children with	Universidad del Rosario;	Center, Hall A -	Posters - Student				4:15 pm -
155	physical disabilities	Kim Adams, University of Alberta	Independence level	Scientific	PO02	7/14/2018	Saturday	5:45 pm
	A comparison of							
	glenohumeral joint							
	kinematics and functional		Independence					
457	outcomes in adults with	NASSES FUNDE LINAVA	Center, Hall A -	Posters - Student	DO01	7/42/2040	Fui da	2:15 pm -
157	rotator cuff tear	Margaret French, UWM	Independence level	Scientific	PO01	7/13/2018	Friday	4:00 pm
		Kelsey Mandak, Penn State University;						
	Dynamic text in visual scene	Janice Light, RERC on AAC (Penn						
	displays: Supporting word	State);	Independence					
	reading in a preschooler	David McNaughton, RERC on AAC (Center, Hall A -	Posters - Student				4:15 pm -
158	with ASD	Penn State)	Independence level	Scientific	PO02	7/14/2018	Saturday	-
	Towards an Autonomy-					1, 1, 1, 1010	7	
	Based Approach to Design	Mahsa Khalili, University of British						
	and Develop Mobility	Columbia;						
	Assistive Technologies for	Machiel Van der Loos, University of	Independence					
	Spinal Cord Injury	British Columbia;	Center, Hall A -	Posters - Student				2:15 pm -
159	Populations	Jaimie Borisoff, BCIT	Independence level	Scientific	PO01	7/13/2018	Friday	4:00 pm

Paper					Conference			
ID	Paper Title	Author Listing	Location	Topic	Code	Date	Day	Time
		Salena Babb, Penn State;					•	
		Jessica Gormley, Pennsylvania State						
		University;						
		David McNaughton, RERC on AAC (
	Applications of video visual	Penn State);	Independence					
	scene display technology in	Janice Light, RERC on AAC (Penn	Center, Hall A -	Posters - Student				4:15 pm -
160	a vocational setting	State)	Independence level	Scientific	PO02	7/14/2018	Saturday	5:45 pm
	Child-parent-provider		-					-
	interactions during medical	Jessica Gormley, Penn State						
	encounters on an inpatient	University;	Independence					
	unit: A preliminary	Janice Light, RERC on AAC (Penn	Center, Hall A -	Posters - Student				4:15 pm -
161	investigation	State)	Independence level	Scientific	PO02	7/14/2018	Saturday	5:45 pm
	Patient reported outcomes		Independence					
	in an assistive technology		Center, Hall A -	Posters - Student				4:15 pm -
163	clinic	Julie Faieta, The Ohio State University	Independence level	Scientific	PO02	7/14/2018	Saturday	5:45 pm
		Akhila Veerubhotla, University of						
		Pittsburgh;						
	Classifying intensity of	KaLai Tsang, University of Pittsburgh;	Independence					
	activity using ActiGraph	Khara James, University of Pittsburgh;	Center, Hall A -	Posters - Student				2:15 pm -
164	monitor in wheelchair users	Dan Din, University of Pittsburgh	Independence level	Scientific	PO01	7/13/2018	Friday	4:00 pm
	Eye-tracking measures							
	reveal how changes in the							
	design of communication							
	technology interfaces	Tara O'Neill, Penn State University;						
	influence visual attention	Krista Wilkinson, Penn State						
	patterns by individuals with	University;	Independence					
	neurodevelopmental	Janice Light, RERC on AAC (Penn	Center, Hall A -	Posters - Student				4:15 pm -
165	disabilities	State)	Independence level	Scientific	PO02	7/14/2018	Saturday	5:45 pm
	Video communication	Tara O'Neill, Penn State University;						
	technology promotes	Janice Light, RERC on AAC (Penn						
	participation in community	State);	Independence					
	activities by an adolescent	David McNaughton, RERC on AAC (Center, Hall A -	Posters - Student				4:15 pm -
167	with autism: Case study	Penn State)	Independence level	Scientific	PO02	7/14/2018	Saturday	5:45 pm
		Víctor Macul, University of Sao Paulo;						
		Yuri Spuras, University of Sao Paulo;						
		Lucas Cruz, University of Sao Paulo;						
	Towards more autonomy on	Pedro Antonacio, University of Sao						
	flight experience a new	Paulo; Denilton Silva, University of						
	concept for the aisle	Sao Paulo;	Independence					
	wheelchair developed	Eduardo De Senzi Zancul,	Center, Hall A -	Posters - Student				4:15 pm -
168	through Design Thinking	Universidade de São Paulo	Independence level	Scientific	PO02	7/14/2018	Saturday	5:45 pm
100	Lindugii Desigii Hillikilig	Oniversidade de São Fadio	macpendence level	Jeientine	1 002	1/17-/2018	Jacarday	J.75 piii

Paper					Conference			
ID	Paper Title	Author Listing	Location	Topic	Code	Date	Day	Time
	Robotic assessment to	Kevin Bui, University of Pennsylvania;	Independence					
	quantify HIV-related	Michelle Johnson, University of	Center, Hall A -	Posters - Student				2:15 pm -
169	episodic disability in stroke	Pennsylvania	Independence level	Scientific	PO01	7/13/2018	Friday	4:00 pm
	Typifying power wheelchair						,	
	joystick control using EMG	Tim Yang, University of Illinois;	Independence					
	feature and channel	Laura Rice, University of Illinois;	Center, Hall A -	Posters - Student				4:15 pm -
170	selection	Yih-Kuen Jan, University of Illinois	Independence level	Scientific	PO02	7/14/2018	Saturday	5:45 pm
			Independence					
	Determining a standardized	Nahal Aghababa, The Ohio State	Center, Hall A -	Posters - Student				2:15 pm -
171	dispersion index method	University	Independence level	Scientific	PO01	7/13/2018	Friday	4:00 pm
	The development of	Alexandre Rocha, University of São						
	assistive technology product	Paulo;	Independence					
	concepts using design	Eduardo De Senzi Zancul,	Center, Hall A -	Posters - Student				4:15 pm -
172	thinking	Universidade de São Paulo	Independence level	Scientific	PO02	7/14/2018	Saturday	5:45 pm
		Kavita Krishnaswamy, University of						
		Maryland Baltimore County (UMBC);						
		Tim Adamson, University of						
		Washington;						
	Accessible Robot Tele-	Maya Cakmak, University of						
	manipulation through Multi-	Washington;	Independence					
	Perspective and Multimodal	Tim Oates, University Of Maryland	Center, Hall A -	Posters - Student				2:15 pm -
173	Web Interfaces	Baltimore County	Independence level	Scientific	PO01	7/13/2018	Friday	4:00 pm
	Identification of Pressure	Andrea Sundaram, University of						
	Relief Maneuvers Using	Pittsburgh Human Engineering	Independence					
	Changes in Center of	Research Laboratories;	Center, Hall A -	Posters - Student				4:15 pm -
174	Pressure	Rory Cooper, University of Pittsburgh	Independence level	Scientific	PO02	7/14/2018	Saturday	5:45 pm
		Wilson Torres, University of						
		Pennsylvania;						
	The impact of toy design on	Elaine Ho, University of Pennsylvania;	Independence					
	natural play interactions of	Michelle Johnson, University of	Center, Hall A -	Posters - Student				2:15 pm -
175	premature infants	Pennsylvania	Independence level	Scientific	PO01	7/13/2018	Friday	4:00 pm
		Hailee Kulich, University of						
		Pittsburgh;						
		Alina Chemini, Robert Morris						
		University;						
	Muscle Activation For Three	Sarah Bass, University of Pittsburgh;						
	Different Patient Transport	Amogha Vijayvargiya, University of	Independence					
	Chairs On Ramps And Flat	Pittsburgh;	Center, Hall A -	Posters - Student				4:15 pm -
176*	Ground	Alicia Koontz, University of Pittsburgh	Independence level	Scientific	PO02	7/14/2018	Saturday	5:45 pm

Paper					Conference			
ID	Paper Title	Author Listing	Location	Topic	Code	Date	Day	Time
		Carson Dickey, LeTourneau					•	
		University;						
	Exploring the Relationship	Gary Higginbotham, LeTourneau						
	of Rolling Resistance, Wheel	University;	Independence					
	Type, and Surface in	Norman Reese, LeTourneau	Center, Hall A -	Posters - Student				4:15 pm -
177	Wheelchair Rear Wheels	University	Independence level	Scientific	PO02	7/14/2018	Saturday	5:45 pm
	The Symbiotic Relationship	Drew Williams, Marquette University;						
	Between Accessible	Colleen Regan, University of						
	Features Of Information	Wisconsin-Milwaukee;	Independence					
	And Effective Research	Roger Smith, University of Wisconsin,	Center, Hall A -	Posters - Student				4:15 pm -
178*	Inquiry	Milwaukee	Independence level	Scientific	PO02	7/14/2018	Saturday	5:45 pm
	How do Mobility Add-Ons							
	Change the Loading		Independence					
	Conditions on Manual	Colleen Ogilvie, University of British	Center, Hall A -	Posters - Student				2:15 pm -
179	Wheelchair Frames?	Columbia	Independence level	Scientific	PO01	7/13/2018	Friday	4:00 pm
	Creating an emotive robotic							
	face to inspire trust in							
	telepresence and		Independence					
	autonomous rehabilitation	Enri Kina, University of Pennsylvania:	Center, Hall A -	Posters - Student				4:15 pm -
180	activities	Rehabilitation Robotics Lab	Independence level	Scientific	PO02	7/14/2018	Saturday	5:45 pm
		Susan Zhao, Rehabilitation Robotics						
		Lab at the University of Pennsylvania;						
		Mayumi Mohan, Max Planck Institute						
		for Intelligent Systems;						
		Wilson Torres, University of						
		Pennsylvania;						
		Daniel Bogen, University of						
		Pennsylvania;						
		Fraces Shofer, University of						
	Assessment of Atypical	Pennsylvania;						
i	Motor Development in	Laura Prosser, Children's Hospital of						
	Infants through Toy-	Philadelphia;	Independence					
	stimulated Play and Center	Michelle Johnson, University of	Center, Hall A -	Posters - Student				2:15 pm -
181	of Pressure Analysis	Pennsylvania	Independence level	Scientific	PO01	7/13/2018	Friday	4:00 pm

Paper					Conference			
ID	Paper Title	Author Listing	Location	Topic	Code	Date	Day	Time
		Drew Williams, Marquette University;						
		Dianne Williams, Marquette						
		University;						
		John Awebwa, Marquette University;						
		Hong Ding, Marquette University;						
		Sheikh Ahamed, Marquette						
		University;						
	MediRank: visualizing	Roger Smith, University of Wisconsin,						
	consumer needs and	Milwaukeee;	Independence					
	medical device accessibility	Rochelle Mendonca, Temple	Center, Hall A -	Posters - Student				4:15 pm -
182	features	University	Independence level	Scientific	PO02	7/14/2018	Saturday	5:45 pm
	The Design of Lil'Flo, an							
	Affordable Socially Assistive		Independence					
	Robot for Telepresence	Michael Sobrepera, University of	Center, Hall A -	Posters - Student				2:15 pm -
183	Rehabilitation	Pennsylvania	Independence level	Scientific	PO01	7/13/2018	Friday	4:00 pm