

ASB 2025 Program at a Glance Pittsburgh, PA August 13 - 16, 2025

	August 13, 2025				August 14, 2025				August 15, 2025					August 16, 2025				
	Wednesday				Thursday			Friday					Saturday					
7:00 7:15					Fun Run (07:00 start)				Fellows Breakfast									
7:30 7:45									Registration			(07:00 - 08: Invite on		Registration				
8:00									ASB Debate: The Essential Capabilities and Knowledge			O3.1: "Seeing"			O6.2: Ergonomics:	stration		
8:15 8:30						Registration				S3: Advancing Our Understan Biomechanics of Real-World		g of the Inside the Body: 13: The "	T3: The "Other things" that	06.1:	Where biomechanics	O6.3: Advances in	T6: Animal and Comparative	
8:45 9:00									Draw Meaningful Insights from Big Data: For or	Use: Perspectives, Tools, and for Improving Health and Qu		Imaging Technology for	influence Balance (Thematic)	Neuromuscular changes with Age	meets the real	Prosthetics	Biomechanics (Thematic)	
9:15						S2: Neuromechanics in	01.1:	O1,2: Advances in Biomechanics with the Power with the Power (Thematic)	Against?			Data Collection	(Thematic)		world			
9:30 9:45						Action: Integrating the Neural Control	Osteoarthritis From Thumb to		Coffee Break (9:30-10:00)				Coffee Break (9:30-10:00)					
10:00 10:15			Workshop 3: SlicerAutoscoperM Workshop 2: Netowrking plan			& Biomechanics of Walking	Ankle	of AI & ML		Announcements	(10:00-10:1	5)			Announceme	nts (10:00-10:15)		
10:30	Workshop 1:	Workshop 2:			Coffee Break (10:30-11:00)			Keynote 2: Suzanne Maher (10:15-11:15)					Borelli Award Lecture (10:15-11:15)					
10:45 11:00	Empowering	Netowrking				Announcements (11:00-11:15)				(10.13-11.13)					(10.13 11.13)			
11:15 11:30	educators	plan				Keynote 1: Rory Cooper												
11:45			Workshon	4: Funding	(11:15-12:15)				Lunch at Exhibits Community Lunch (formerly Diversity Lunch)					Lunch at Exhibits Professional Development Roundtables				
12:00 12:15										(11:15-12:45)					(11:15-12:45)			
12:30 12:45						Lu	nch at Exhibits											
13:00						Mentor Event (Prior registration required) (12:15-13:45)											T7: Aging Bodies:	
13:15 13:30	Lunch on Own			V 117			Pytel/Goel/Founders O4.1: Maneuverabilit Award Session Coordination		ty and	r and T4: Knee Deep in ACL Reconstruction Biomechanics (Thematic)			Biomechanics Data Collection and	From Biomechanics to Physiology				
13:45 14:00						Award Lock	uras & 2MT Comp	antition								Validation	(Thematic)	
14:15				,	Award Lectures & 3MT Competition (13:45-14:45)			Transition				Transition						
						((13:45-14:45)			Transit	tion				Tra	nsition		
14:30 14:45						((13:45-14:45) Transition			Transit	tion		T5: AI & ML for	S4: Walk This Way,	S5:Integrating		T8: Musculoskeletal	
14:30 14:45 15:00					O2 1: Pershall				Journal Awards	O5.1: Rehabilitation		it and Cognition	T5: AI & ML for Biomechanics and	Reach That Way: Exchanges between	S5:Integrating patients' lived experiences into	O8.1: Tread Carefully:	T8: Musculoskeletal modeling for clinical	
14:30 14:45 15:00 15:15 15:30					O2.1: Baseball Biomechanics	O2.2: Back to basics: measuring	Transition O2.3: Slips,	T2: Wearables for Detection	Journal Awards			it and Cognition		Reach That Way: Exchanges between Upper- and Lower-	S5:Integrating patients' lived experiences into your biomechanics	O8.1: Tread		
14:30 14:45 15:00 15:15 15:30 15:45	Workshop 5:	Workshop 6: Women in	Workshop 7: Distilling			O2.2: Back to	Transition		Journal Awards	O5.1: Rehabilitation		it and Cognition	Biomechanics and Clinical Predictions	Reach That Way: Exchanges between	S5:Integrating patients' lived experiences into your biomechanics researcher	O8.1: Tread Carefully: Unpacking Running Biomechanics	modeling for clinical applications	
14:30 14:45 15:00 15:15 15:30 15:45 16:00 16:15	Workshop 5: Myoassist	Workshop 6: Women in Biomechanics	Workshop 7: Distilling dynamics		Biomechanics From the Mound	O2.2: Back to basics: measuring mechanics of	Transition O2.3: Slips,		Journal Awards	O5.1: Rehabilitation		it and Cognition	Biomechanics and Clinical Predictions	Reach That Way: Exchanges between Upper- and Lower-	S5:Integrating patients' lived experiences into your biomechanics researcher	O8.1: Tread Carefully: Unpacking Running	modeling for clinical applications	
14:30 14:45 15:00 15:15 15:30 15:45 16:00 16:15 16:30		Women in	Distilling		Biomechanics From the Mound	O2.2: Back to basics: measuring mechanics of	Transition O2.3: Slips,		Journal Awards	O5.1: Rehabilitation interventions	O5.2: Ga	it and Cognition	Biomechanics and Clinical Predictions	Reach That Way: Exchanges between Upper- and Lower-	S5:Integrating patients' lived experiences into your biomechanics researcher	O8.1: Tread Carefully: Unpacking Running Biomechanics	modeling for clinical applications	
14:30 14:45 15:00 15:15 15:30 15:45 16:00 16:15		Women in	Distilling		Biomechanics From the Mound	O2.2: Back to basics: measuring mechanics of skeletal muscle	O2.3: Slips, Trips, and Falls	and Rehabilitation (Thematic)	Journal Awards	O5.1: Rehabilitation	O5.2: Ga	it and Cognition	Biomechanics and Clinical Predictions (Thematic)	Reach That Way: Exchanges between Upper- and Lower-	S5:Integrating patients' lived experiences into your biomechanics researcher Trai	O8.1: Tread Carefully: Unpacking Running Biomechanics	modeling for clinical applications	
14:30 14:45 15:00 15:15 15:30 15:45 16:00 16:15 16:30 16:45 17:00		Women in	Distilling	Student	Biomechanics From the Mound	O2.2: Back to basics: measuring mechanics of skeletal muscle	Transition O2.3: Slips,	and Rehabilitation (Thematic)	Journal Awards	O5.1: Rehabilitation interventions Poster Session 2 & Exhibito	O5.2: Ga	it and Cognition	Biomechanics and Clinical Predictions	Reach That Way: Exchanges between Upper- and Lower-	S5:Integrating patients' lived experiences into your biomechanics researcher Trai	O8.1: Tread Carefully: Unpacking Running Biomechanics	modeling for clinical applications	
14:30 14:45 15:00 15:15 15:30 15:45 16:00 16:15 16:30 16:45 17:00 17:15 17:30		Women in	Distilling	Student Welcome Event	Biomechanics From the Mound	O2.2: Back to basics: measuring mechanics of skeletal muscle	Transition O2.3: Slips, Trips, and Falls	and Rehabilitation (Thematic)	Journal Awards	O5.1: Rehabilitation interventions Poster Session 2 & Exhibito	O5.2: Ga	it and Cognition	Biomechanics and Clinical Predictions (Thematic)	Reach That Way: Exchanges between Upper- and Lower-	S5:Integrating patients' lived experiences into your biomechanics researcher Trai	O8.1: Tread Carefully: Unpacking Running Biomechanics	modeling for clinical applications	
14:30 14:45 15:00 15:15 15:30 15:45 16:00 16:15 16:30 16:45 17:00 17:15 17:30		Women in Biomechanics	Distilling dynamics		Biomechanics From the Mound	O2.2: Back to basics: measuring mechanics of skeletal muscle	Transition O2.3: Slips, Trips, and Falls	and Rehabilitation (Thematic)	Journal Awards	O5.1: Rehabilitation interventions Poster Session 2 & Exhibito	O5.2: Ga	it and Cognition	Biomechanics and Clinical Predictions (Thematic)	Reach That Way: Exchanges between Upper- and Lower-	S5:Integrating patients' lived experiences into your biomechanics researcher Trai	O8.1: Tread Carefully: Unpacking Running Biomechanics	modeling for clinical applications	
14:30 14:45 15:00 15:15 15:30 15:45 16:00 16:15 16:30 16:45 17:00 17:15 17:30 17:45 18:00 18:15		Women in Biomechanics	Distilling		Biomechanics From the Mound	O2.2: Back to basics: measuring mechanics of skeletal muscle	Transition O2.3: Slips, Trips, and Falls	and Rehabilitation (Thematic)	Journal Awards	O5.1: Rehabilitation interventions Poster Session 2 & Exhibito	O5.2: Ga	it and Cognition	Biomechanics and Clinical Predictions (Thematic)	Reach That Way: Exchanges between Upper- and Lower-	S5:Integrating patients' lived experiences into your biomechanics researcher Trai	O8.1: Tread Carefully: Unpacking Running Biomechanics	modeling for clinical applications	
14:30 14:45 15:00 15:15 15:30 15:45 16:00 16:15 16:35 17:20 17:15 17:30 17:45 18:30 18:45 18:45		Women in Biomechanics	Distilling dynamics		Biomechanics From the Mound	O2.2: Back to basics: measuring mechanics of skeletal muscle	Transition O2.3: Slips, Trips, and Falls	and Rehabilitation (Thematic)	Journal Awards	O5.1: Rehabilitation interventions Poster Session 2 & Exhibito	O5.2: Ga	it and Cognition	Biomechanics and Clinical Predictions (Thematic)	Reach That Way: Exchanges between Upper- and Lower-	S5:Integrating patients' lived experiences into your biomechanics researcher Trai	O8.1: Tread Carefully: Unpacking Running Biomechanics	modeling for clinical applications	
14:30 14:45 15:00 15:15 15:30 15:45 16:00 16:15 16:30 16:45 17:00 17:15 17:30 17:45 18:00 18:15 18:30		Women in Biomechanics	Distilling dynamics		Biomechanics From the Mound	O2. 2: Back to basics: measuring mechanics of skeletal muscle Poster S	Transition 02.3: Slips, Trips, and Falls ession 1 & Exhibit 16:30-18:30)	and Rehabilitation (Thematic)	Journal Awards	O5.1: Rehabilitation interventions Poster Session 2 & Exhibito	O5.2: Ga	it and Cognition	Biomechanics and Clinical Predictions (Thematic)	Reach That Way: Exchanges between Upper- and Lower-	S5:Integrating patients' lived experiences into your biomechanics researcher Trai	O8.1: Tread Carefully: Unpacking Running Biomechanics	modeling for clinical applications	
14:30 14:45 15:00 15:15 15:30 15:45 16:00 16:15 16:30 17:10 17:13 17:30 17:45 18:30 18:15 18:30 18:15		Women in Biomechanics	Distilling dynamics		Biomechanics From the Mound	O2. 2: Back to basics: measuring mechanics of skeletal muscle Poster S	Transition O2.3: Slips, Trips, and Falls ession 1 & Exhibit 16:30-18:30)	and Rehabilitation (Thematic)	Journal Awards	O5.1: Rehabilitation interventions Poster Session 2 & Exhibitor (16:00 - 18:00)	05.2: Ga		Biomechanics and Clinical Predictions (Thematic)	Reach That Way: Exchanges between Upper- and Lower-	S5:Integrating patients' lived experiences into your biomechanics researcher Trai	O8.1: Tread Carefully: Unpacking Running Biomechanics	modeling for clinical applications	
14:30 14:45 15:00 15:15 15:30 15:45 16:00 16:15 16:35 17:20 17:15 17:30 17:45 18:30 18:45 18:45		Women in Biomechanics Opening (18:00	Distilling dynamics Reception - 19:30)	Welcome Event	Biomechanics From the Mound	O2. 2: Back to basics: measuring mechanics of skeletal muscle Poster S	Transition 02.3: Slips, Trips, and Falls ession 1 & Exhibit 16:30-18:30)	and Rehabilitation (Thematic)	Journal Awards	O5.1: Rehabilitation interventions Poster Session 2 & Exhibito	O5.2: Ga		Biomechanics and Clinical Predictions (Thematic)	Reach That Way: Exchanges between Upper- and Lower-	S5:Integrating patients' lived experiences into your biomechanics researcher Trai	O8.1: Tread Carefully: Unpacking Running Biomechanics	modeling for clinical applications	
14:30 14:45 15:00 15:15 15:30 15:45 16:00 16:15 16:30 16:45 17:00 17:15 17:30 17:45 18:00 18:15 18:30 18:45 19:00 19:15		Women in Biomechanics Opening (18:00	Distilling dynamics	Welcome Event	Biomechanics From the Mound	O2. 2: Back to basics: measuring mechanics of skeletal muscle Poster S	Transition 02.3: Slips, Trips, and Falls ession 1 & Exhibit 16:30-18:30)	and Rehabilitation (Thematic)	Journal Awards	O5.1: Rehabilitation interventions Poster Session 2 & Exhibitor (16:00 - 18:00)	O5.2: Ga		Biomechanics and Clinical Predictions (Thematic)	Reach That Way: Exchanges between Upper- and Lower-	S5:Integrating patients' lived experiences into your biomechanics researcher Trai	O8.1: Tread Carefully: Unpacking Running Biomechanics	modeling for clinical applications	
14:30 14:45 15:00 15:15 15:30 15:45 16:00 16:15 16:30 16:45 17:00 17:15 17:30 17:45 18:00 18:15 18:30 18:15 19:00 19:15	Myoassist	Women in Biomechanics Opening (18:00	Distilling dynamics Reception - 19:30)	Welcome Event	Biomechanics From the Mound	O2. 2: Back to basics: measuring mechanics of skeletal muscle Poster S	Transition 02.3: Slips, Trips, and Falls ession 1 & Exhibit 16:30-18:30)	and Rehabilitation (Thematic)	Journal Awards	O5.1: Rehabilitation interventions Poster Session 2 & Exhibitor (16:00 - 18:00)	O5.2: Ga		Biomechanics and Clinical Predictions (Thematic)	Reach That Way: Exchanges between Upper- and Lower-	S5:Integrating patients' lived experiences into your biomechanics researcher Trai	O8.1: Tread Carefully: Unpacking Running Biomechanics	modeling for clinical applications	
14:30 14:45 15:00 15:15 15:30 15:45 16:00 16:15 16:30 16:45 17:70 17:45 18:00 18:15 18:30 18:45 19:00 18:15 19:30 19:15	Myoassist	Women in Biomechanics Opening (18:00	Distilling dynamics Reception - 19:30)	Welcome Event	Biomechanics From the Mound	O2. 2: Back to basics: measuring mechanics of skeletal muscle Poster S	Transition O2.3: Slips, Trips, and Falls ession 1 & Exhibit 16:30-18:30) in Science (Ticket 18:30 - 20:00)	and Rehabilitation (Thematic)	Journal Awards	O5.1: Rehabilitation interventions Poster Session 2 & Exhibitor (16:00 - 18:00)	O5.2: Ga		Biomechanics and Clinical Predictions (Thematic)	Reach That Way: Exchanges between Upper- and Lower-	S5:Integrating patients' lived experiences into your biomechanics researcher Trai	O8.1: Tread Carefully: Unpacking Running Biomechanics	modeling for clinical applications	