

Howard H. Steel Pediatric Spinal Cord Injury & Dysfunction 2026 Conference
March 3-5 Orlando, Florida, USA

PRELIMINARY PROGRAM

Time	Abstract	Topic/Title
Thursday, Dec. 3, 2026		
7:00 AM - 7:45 AM		Registration & Breakfast with Partners & Exhibitors
7:45 AM - 8:30 AM		Welcome & Opening Remarks
8:30 AM - 9:30 AM		The Stephen M. Haley Memorial Lecture MJ Mulcahey, PhD, OTR/L, CPPC, CLCP, FASIA Thomas Jefferson University
9:30 AM - 10:30 AM		Partner & Exhibitor Recognition
10:30 AM - 11:00 AM		Poster Session 1
10:30 AM - 11:00 AM		Break with Partners & Exhibitors
11:00 AM - 12:00 PM		General Session 1: Musculoskeletal
	5	Peripheral Quantitative Computed Tomography and Blood Biomarkers in Children with Spinal Cord Disorders
	33	Integrating Mechanistic Evidence and Clinical Translation: Transcutaneous Spinal Cord Stimulation for Upper Extremity Recovery in Pediatric Spinal Cord Injury
	41	Bone and Muscle Health in Children with Nontraumatic Spinal Cord Related Paralysis
	42	Building New Pathways: A Pediatric Framework for Nerve Transfer Rehabilitation In Cervical SCI
	48	From Hands-On Facilitation to Progressive, Functional Support: Translating SATCo Principles Into Device Development
		Q&A
12:00 PM - 12:50 PM		Lunch
12:50 PM - 1:50 PM	43	COURSE 1: Bridging The Gap: Foundations for Emerging Clinical Translation of Transcutaneous Spinal Cord Stimulation Across Motor Domains and Physiological Functions in Pediatric Spinal Cord Injury
1:50 PM - 2:50 PM		Neuromodulation Session
2:50 PM - 3:10 PM		Stretch Break with Partners & Exhibitors • Transfer to Next Session

Concurrent Sessions		
3:10 PM - 4:40 PM	62	COURSE 2: Pain That Grows Up: Rethinking Pediatric SCI and Multidisciplinary Pain Management
3:10 PM - 4:40 PM	18	COURSE 3: The Role of High-Resolution Ultrasound in Pediatric Spinal Cord Injury Rehabilitation
Friday, Dec. 4, 2026		
7:00 AM - 7:30 AM		Registration & Breakfast with Partners & Exhibitors
7:30 AM - 8:30 AM	40	COURSE 4: AFM at 10
8:30 AM - 8:40 AM		Stretch Break • Transfer to Next Session
8:40 AM - 9:40 AM	17	COURSE 5: A Roadmap for Implementation of Therapeutic Acute Intermittent Hypoxia in Pediatric Rehabilitation
9:40 AM - 10:40 AM	44	COURSE 6: "What's the Impact?" Measuring the Effectiveness of Social Media
10:40 AM - 11:10 AM		Poster Session 2
10:40 AM - 11:10 AM		Break with Partners & Exhibitors
11:10 AM - 12:10 PM		General Session 2: Epidemiology
	8	Adapting the ISNCSCI for Pediatric Use: A Case Series for Children <6 Years of Age
	28	SwiSCI Kids: Development of a Pediatric Dataset Addressing Knowledge Gaps in Spinal Cord Injury in Switzerland
	61	Epidemiology of Infant Spinal Cord Injury Treated in Emergency Departments in the United States and Comparison With the General Infant Population: 2006 to 2022
	64	Development of an MRI Age-Based Pediatric Spinal Cord Template
	29	The Life Experiences of Children With Spinal Cord Injury or Disease and Caregivers Utilizing Seating and Positioning Wheelchair Systems: A Dissertation
12:10 PM - 1:10 PM	31	COURSE 7: Bridging the Transition Gap: A Year-Round Transition-to-Adulthood Model for Youth with SCI
1:10 PM - 2:10 PM		Midday Break - Lunch on Own
2:10 PM - 3:10 PM	11	COURSE 8: Development of an Interdisciplinary Work Group to Address Disparities in Care for Patients With Spinal Cord Injury on a Pediatric Inpatient Rehabilitation Unit

3:10 PM - 4:10 PM		General Session 3: MIXED
	22	Exploring Patient- Identified Gaps from Inpatient Rehabilitation to the Community in the Pediatric Spinal Cord Injury Population
	24	Interstate Care Coordination in Complex Pediatric Spinal Cord Injury: A Case Report
	34	Aquatic therapy for the Pediatric Patient Requiring Mechanical Ventilation
	38	Early Diaphragm Pacing Prevents Long-Term Tracheostomy in Pediatric Cervical Spinal Cord Injury
	45	The Importance of Self-Selected Goals: Evaluating a Pilot Intervention to Improve Health Behaviors in Young Adults with Pediatric Onset Spinal Cord Injury
		Q & A
4:10 PM - 4:20 PM		Stretch Break • Transfer to Next Session
4:20 PM - 5:20 PM	10	COURSE 9: Reimagining Pediatric FES: Bridging Evidence Gaps in Massed Practice and Task-Specific Training
PRESIDENT'S RECEPTION		
Saturday, Dec. 5, 2026		
7:30 AM - 8:00 AM		Breakfast
8:00 AM - 9:00 AM		The Newton C. McCollough Lecture: Mind the Gap, Share the Model: Standardizing Data Collection in Pediatric Spinal Cord Injury paedic/Neurosurgical Management of Children and Adolescents with SCI Dr. James A.G. Crispo, MSc, PhD NOSM University
9:00 AM - 10:10 AM		General Session 4: Shoulder
	49	Impact of Pediatric-Versus Adult-Onset Spinal Cord Injury and Dysfunction on Shoulder Pain and Pathology In Manual Wheelchair Users
	54	Comparing Wheelchair Propulsion Biomechanics of Children With Spinal Cord Injury and Spina Bifida
	59	Propulsion Phenotypes and Age at Onset of SCI/D as Predictors of Shoulder Pain in Manual Wheelchair Users Across the Lifespan
	20	Relationships Between Manual Wheelchair Propulsion Pattern and Shoulder Tissue Elasticity in Users with Pediatric SCI/D

	32	Sex Differences in Supraspinatus Tendon Tissue Properties and Shoulder Pain among Young Adults with Pediatric-Onset SCI/D who Use Manual Wheelchairs
	36	Impact of Age of Injury Onset on Peak Normalized Rotator Cuff Muscle Forces and Glenohumeral Joint Contact Forces During Manual Wheelchair Propulsion
		Q&A
10:10 AM - 10:20 AM		Stretch Break • Transfer to Next Session
10:20 AM - 11:20 AM	13	COURSE 10: The Journal of Pediatric Rehabilitation Medicine (JPRM) as a Catalyst for Clinical Excellence in Pediatric Spinal Cord Care
11:20 AM - 11:50 AM		Awards & Final Announcements
11:50 AM		Meeting Adjourned