

# Academy of Spinal Cord Injury Professionals | 2020 Virtual Conference

EASTERN TIME	SATURDAY · SEPTEMBER 12, 2020
10:00am - 10:15am	Welcome and Announcements
10:15am - 11:15am	<b>3005   KEYNOTE</b> <b>Disabusing Disability™: Demonstrating That DISability Doesn't Mean Inability</b> <i>Oluwaferanmi Okanlami, MD, MS</i>
11:20am - 12:20pm	<b>3008   AUDREY NELSON LECTURE</b> <b>Cognitive Frailty: The Relationship Between Physical Function and Cognitive Impairment</b> <i>Lana Sargent, PhD, RN, FNP-C, GNP-BC</i>
12:25pm - 1:25pm	<b>3007   ANTHONY DIMARCO LECTURE</b> <b>Clinical Update: What Health Care Professionals Need to Know About Electronic Cigarettes and Vaping Devices In 2020</b> <i>Naseema Merchant, MD</i>
1:25pm - 2:00pm	Lunch Break
2:00pm - 3:00pm	<b>3004   JAMES J. PETERS LECTURE</b> <b>Resilience: Lessons from James J. Peters</b> <i>Catherine Wilson, Psy.D, ABPP (Rp)</i>
3:05pm - 4:05pm	<b>3003   ESSIE MORGAN LECTURE</b> <b>Driving the Research To Practice</b> <i>Lisa Ottomanelli, PhD</i>
4:10pm - 5:10pm	<b>2319   TLC DISTINGUISHED LECTURE</b> <b>Wheelchairs: The Good, The Bad, and The Ugly (and What We Can Do About it)</b> <i>Lynn Worobey, PhD, DPT, ATP</i>
5:10pm - 5:15pm	Closing Comments

EASTERN TIME	SUNDAY · SEPTEMBER 13, 2020			
10:00am - 10:15am	Welcome			
10:15am - 11:15am	<b>3011   DONALD MUNRO LECTURE</b> <b>Daring to Dream: Making a Difference in SCI in These Times of Change</b> <i>Steven Kirshblum, MD</i>			
	Room 1	Room 2	Room 3	Room 4
11:25am - 11:30am	Moderator Intro	Moderator Intro	Moderator Intro	Moderator Intro
11:30am - 12:00pm	<b>2144   Concussion Evaluation in Adaptive Sports: Concussion Initiative at 39th National Veteran Wheelchair Games</b> <i>Michael Harper, MD, ATC; Jonathan Lee; Michael Uihlein, MD</i>	<b>2349   Transcutaneous Spinal Cord Stimulation in Combination with Massed Practice Training in Spinal Cord Injury</b> <i>Meghan Joyce Rozwod, PT, DPT; Andrew Smith, PT, DPT, PhD</i>	<b>2370   Bone Health in Children with Spinal Cord Injury Cased by Acute Flaccid Myelitis</b> <i>Janet Dean, MR, RN, CRRN, CRNP</i>	<b>2364   Advocacy: Past and Current Projects, Future Directions</b> <i>Ellia Ciammaichella, DO, JD; Matthew Davis, MD; Sigmund Hough, PhD., ABPP/rp; Kathy Hulse, LCSW, CCM</i>

	Room 1	Room 2	Room 3	Room 4
12:05pm - 12:35pm	<b>2273   No Experience is Required: The Road Toward Designing Usable and Accessible Sports Activities for Individuals With Spinal Cord Injuries</b> <i>Stephen Trapp, PhD; Ahmad Alsaleem, MS; James Gardner, OTR/L, ATP</i>	<b>2081   Sexual Health and Fertility in Spinal Cord Injury: An Interdisciplinary Approach</b> <i>April Conway, RN, ANP-BC</i>	<b>2152   Unique Aspects of Rehabilitation for Patients With Spinal Cord Tumors</b> <i>Ellia Ciammaichella, DO, JD; Carolina Gutierrez, MD</i>	<b>2341   Navigating Resources After Spinal Cord Injury: Seeking Sufficient and Appropriate Care</b> <i>Anne Bryden, MA, OTR/L</i>
12:35pm - 12:45pm	Break			
	Room 1	Room 2	Room 3	Room 4
12:45pm - 1:15pm	<b>2289   Establishing an Adaptive CrossFit Gym for Community Fitness</b> <i>Brad Dexter, PT, DPT</i>	<b>2298   Behind Closed Doors: Sex and Intimacy After Spinal Cord Injury</b> <i>Amy Shaw, MS OTR/L; Susan Kinne, OTR/L; Andrea Lewis, OTR/L</i>	<b>2302**   Clinical and Ethical Dilemmas of Spasticity Management After Acute Spinal Cord Injury</b> <i>Radha Korupolu, MD, MS; Kathryn, Nedley, OTD, OTR; Richpal, PT</i>	<b>2089   Telemental Health Services in Spinal Cord Injury/ Disorders: A New Frontier</b> <i>Jessica Brundage, PhD; Roger Williams, PhD</i>
1:20pm - 1:50pm	<b>2306   Finding Balance Throughout the Spectrum of Care; Incorporating the Use of Technology and Developing a Foundation of Skills for Individuals with Spinal Cord Injury</b> <i>Rachael Houtman, PT, DPT, NCS</i>	<b>2356   Experience with an Adapted Seated Tai Chi Program for Individuals with Spinal Cord Injury and Disorder</b> <i>Michael Voight, MOT; Jeff Jaramillo, DPT, MS; Jessica Radmilovic, MS, CTRS; Jenny Kiratli, PhD</i>	<b>2280   Veteran and Provider Convergent and Divergent Perspectives of Preventing Community-Acquired Pressure Injuries in Spinal Cord Injury</b> <i>Lisa Skemp, PhD, RN, FAAN; Sameer Siddiqui, MD; Lisa Burkhart RN, ANEF</i>	<b>2199   A Comprehensive Approach to Suicide Risk Screening, Assessment and Mitigation: One VA Spinal Cord Injury Center's Models</b> <i>Herb Ames, PhD</i>
1:55pm - 2:10pm	<b>2295   Clinical Improvement in Upper Extremity Function Following Nerve Transfer for Tetraplegia: A Cohort Study</b> <i>Kathryn Nedley, OTD, OTR</i>	<b>2336   Improving Skin Screening Capabilities for Veterans with Spinal Cord Injury and Disorders</b> <i>Christine, Olney, PhD RN; Gary Goldish, MD</i>	<b>2203   Appraisals of DisAbility Primary and Secondary Scale-Short Form (ADAPSS-sf): What Do We Know?</b> <i>Herb Ames, PhD</i>	
2:15pm - 2:55pm	Lunch Break			
	Room 1	Room 2	Room 3	Room 4
3:00pm - 3:45pm	<b>2150   Hospital Designed for the Patient and for the Future: Creating an Accessibility-First, Patient-First Rehab Hospital</b> <i>James Gardner, OTR/L, ATP</i>	<b>2173   Addressing the Need for Bladder and Pelvic Health Information Resources for Women with Spinal Cord Injury/Disease</b> <i>Margaret Nosek, PhD; Christine Krull, MD</i>	<b>2258   Engaging Generation C: Creative Use of Peer-Based Learning to Improve Self-Efficacy and Health Outcomes</b> <i>Beth Jacobs, RN, CCM, CRRN; Ariq Rajnarine, MD; Vincent Long, PT, DPT, NCS; Megan Mueller, MS, OTR/L</i>	<b>2357   Celebrating 30 Years of The Americans With Disabilities Act: Impact on SCI and Future Directions</b> <i>Anne Bryden, MA, OTR/L; Matthew, Davis, MD</i>

	Room 1	Room 2	Room 3	Room 4
3:50pm - 4:35pm	<b>2283   What's Hot in SCI Care: Key Articles From the Past One Year</b> <i>Sunil Sabharwal, MD</i>	<b>2358   Guidelines For Characterizing Paralysis in the Upper Extremity: Detailed Assessment of Lower Motor Neuron Status</b> <i>Anne Bryden, MA, OTR/L; Kevin Kilgore, PhD; Gina Kubec, OTD</i>	<b>2201   Addressing Women's Health After Spinal Cord Injury</b> <i>Stephanie Hendrick, MD; Allison Kessler, MD, MSc</i>	<b>3006   A Qualitative Exploration of Perceived Injustice Among Individuals Following Spinal Cord Injury</b> <i>Kimberley R. Monden, PhD</i>
4:40pm - 4:55pm	<b>2220   The Burst Catheter Balloon: A Comparison of Fragmentation Rates and Overinflation Burst Volumes In Foley Catheters</b> <i>Courtney Gilbert, MD</i>	<b>2323   Factors Influencing the Incidence of Wheelchair Repairs Among Individuals with Spinal Cord Injury</b> <i>Lynn Worobey, PhD, DPT, ATP; Elizabeth Stanley, DPT</i>	<b>2360   Integrating Best Practice Strategies for Bowel Program Management on the Spinal Cord Unit</b> <i>Cecelia Williams, RN; Angela DeNeal-Johnson, RN</i>	<b>2214   Return to Education After Traumatic Spinal Cord Injury and Potential Benefits to Improved Quality of Life</b> <i>Shelly Hsieh, MD</i>
5:00pm - 5:15pm	<b>2159   Serum Cystatin C Testing Helps Better Classify Chronic Spinal Cord Injury Patients with Moderate or Severe Reductions in Estimated Glomerular Filtration Rate</b> <i>Nicholas Shah, MD; Gizelda Casella, MD, PHD</i>	<b>2130   The Experience of Using a Hospital Bed Alternative at Home Among Individuals with Spinal Cord Injury: A Case Series</b> <i>Lorena Salas, OTR/L, ATP</i>	<b>2169   Effective Use of Multidisciplinary Healthcare Resources Across the Continuum to Facilitate Discharge Home or Underfunded Patients</b> <i>Kelly Werts, DPT; Dana Gentile, OTR/L</i>	
5:15pm - 5:25pm	Transition to Plenary			
5:25pm - 6:40pm	<b>3009   Spinal Cord Injury Gone Viral! Covid-19 Management Strategies In A New Normal</b> <i>Trevor Dyson-Hudson, MD; David Gater, MD, PhD, MS; Monifa Brooks, MD; Miguel X. Escalon, MD, MPH; Radha Korupola, MD; Donna Huang, MD</i>			
6:40pm - 6:45pm	Closing Comments			

EASTERN TIME	MONDAY · SEPTEMBER 21, 2020			
	Room 1	Room 2	Room 3	Room 4
10:00am - 10:15am	<b>Moderator Intro</b>	<b>Moderator Intro</b>	<b>Moderator Intro</b>	<b>Moderator Intro</b>
10:15am - 11:00am	<b>2265**   Ethical Considerations for Individuals with Spinal Tumors</b> <i>Ranit Lieberman, PT, DPT, NCS; Trisha Hicks, LSW, MSW, MEd</i>	<b>RESEARCH COMMITTEE PRESENTATION</b>		
11:05am - 11:35am	<b>2230   Building Fall Prevention Skills Among Full-time Wheelchair and Scooter Users Living with Multiple Sclerosis or Spinal Cord Injury: Best Practices</b> <i>Laura Rice, PhD, MPT, ATP</i>	<b>2161   Beyond the Basics: Managing Challenging Scenarios of Neurogenic Bowel After Spinal Cord Injury</b> <i>Jayne Donovan, MD; Rita Hamilton, DO; Steve Kirshblum, MD</i>	<b>2242   Miles Before We Sleep: Improving Tools and Outcomes for Employment after SCI</b> <i>Lisa Ottomanelli, PhD; Richard Toscano, MEd</i>	

11:35am - 11:40am	Break			
	Room 1	Room 2	Room 3	Room 4
11:40am - 12:10pm	<b>2127   CARF Quality Frameworks and How to Imbed Social Determinants of Health In Your Care Delivery</b> Christine MacDonell, BSc	<b>2327   Improving Flap Surgery Outcomes Using the Minneapolis "Spinal Cord Optimization, Rehab and Empowerment" (SCORE) Tool</b> Mary Murphy Kruse, RN, MA, CWOCN, CWS; Kareen Velez, MD; Crystal Stien, DPT; Tina Barnum, MSN, RN, CRRN, VHA-CM; Christine Olney PhD RN	<b>2142   Interventions in Inpatient Rehabilitation to Increase Psycho-social Well-Being for Individuals with Spinal Cord Injury or Disease</b> Jessica Loeser, MSOT, OTR/L, CPAM; Claire Graziano, MSOT, OTR/L, CPAM	<b>2344   Filling the Gap: Education and Resources for Adaptive Sports in the Outpatient Rehabilitation Setting</b> Erin Brown, OTR, ATP; Terrie Price, PhD, ABPP; Sarah Schmith, DPT; Tom Knaus OTR/L
12:15pm - 12:45pm	<b>2368   Expedited International Standards for Neurological Classification of Spinal Cord Injury (E-ISNCSCI)</b> Stephen Burns, MD	<b>2333   Post-Operative Care of Spinal Cord Patients after Myocutaneous Flap Surgery: A Strict Post Flap Protocol</b> Mary Murphy Kruse, RN, MA, CWOCN, CWS; Crystal Stien, DPT	<b>2210   Promoting Behavioral Change Through Implementation of Functional Group Education for the Spinal Cord Population</b> Ashley Taylor, PT, NCS	
12:50pm - 1:20pm	<b>2128   Sensitized To Sleeplessness: Implications of Sleep Dysfunction After Spinal Cord Injury</b> Douglas Eck, PT, DPT, NCS, MHI	<b>2308   Toward Active Safety for Power Wheelchair Users with SCI: Why We Need Tools to Detect Foot Mispositioning from Wheelchair Footplates</b> M. Kristi Henzel, MD, PhD; George Marzloff, MD	<b>2279   Developing an Emergency Preparedness Program for the Spinal Cord Injury Population</b> Karen Stull, MS, CCC/SLP; Cherisa Ard, MOT, OTR; Kirsten Garwood, MOT, OTR	
1:20pm - 2:05pm	Lunch Break			
	Room 1	Room 2	Room 3	Room 4
2:05pm - 3:05pm	<b>2288   ASK The Urologist: HOT Topics in Neuro-Urology and Case Presentations</b> Michael Kennelly, MD, FACS; Sara Lenherr, MD, MS	<b>3001   A Biopsychosocial Approach to Chronic Pain Assessment and Management</b> Christine Gagnon, PhD	<b>FELLOWS Q&amp;A</b>	
3:10pm - 3:40pm	<b>2109   Techniques for Intermittent Self-Catheterization for Females with Paraplegia Across the Continuum of Care</b> Amy Haroff, OTR/L; Kaitlyn Theisen, MSOT, OTR/L	<b>2334   After Hospital Neurorehabilitation: Optimizing Access and Outcomes Using a Non-profit Model</b> Dale Hull, MD, MPA	<b>2342   Supporting Patients Through Discharge and Beyond</b> Allison Gipple, MS, CTRS	<b>2231   Providing Outpatient Therapy Services Through Telerehabilitation</b> Brad Dexter, PT, DPT

	Room 1	Room 2	Room 3	Room 4
3:45pm - 4:00pm	<b>2362   Decreased Central Adiposity After 100 Exoskeletal-Assisted Walking Sessions in Persons with Chronic Spinal Cord Injury</b> <i>Christopher Cirnigliaro, MS</i>	<b>2158   Comparing Metabolic Outcomes During a Battle Rope Exercise Protocol versus Upper Extremity Cycling Protocol in Adults with Spinal Cord Injury</b> <i>Jordan Birdsong, DPT</i>	<b>2191   Fit and Function: Helping Patients Choose the Right Intermittent Catheter</b> <i>Danielle Housman, MS, OTR/L, OTDS, CLT</i>	
4:05pm - 4:20pm	<b>2205   Improved Respiratory Health for Individuals with Acute Cervical Tetraplegia: Reducing the Risk of Hospital Transfers During Inpatient Rehabilitation</b> <i>Beth Jacobs, RN, CCM, CRRN</i>	<b>2309   JAYANTHI LECTURE</b> Leaving No Stone Unturned: Bladder Calculi Composition, Recurrence, and Management Implications <i>Brittany Snider, DO</i>		
4:20pm - 4:25pm	Closing Comments			

EASTERN TIME	TUESDAY · SEPTEMBER 22, 2020			
	Room 1	Room 2	Room 3	Room 4
10:00am - 10:15am	<b>Moderator Intro</b>	<b>Moderator Intro</b>	<b>Moderator Intro</b>	<b>Moderator Intro</b>
10:15am - 10:30am	<b>3002   BORS AWARD Duplex Ultrasound Surveillance for Deep Vein Thrombosis After Acute Traumatic Spinal Cord Injury at Rehabilitation Admission</b> <i>Beverly Hon, MD</i>	<b>2312   Web-Based Transfer Training: Evidence for an Online Approach for Wheelchair Transfer Training</b> <i>Kaitlin DiGiovine</i>	<b>2261   What Matters to You? Whole Health Implementation in VA's SCI/D System of Care</b> <i>Erik Wallen, PhD; Jennifer Sippel, PhD; Meaghan Park, FACHE; Itala Wickremasinghe, MD</i>	<b>2151   CBD – Practical Considerations</b> <i>Kathleen Collins, RPh, PharmD, BCPS</i>
10:35am - 10:50am	<b>2325   Matching Rehabilitation Strategies to the Weakness Phenotype of the Upper Limb in Tetraplegia</b> <i>Jeff Jaramillo, DPT, MS</i>	<b>2145   Are Gaps in Knowledge Affecting the Utilization of Robotic Exoskeletons for Ambulation?</b> <i>Cassandra Hogan, PT, DPT, NCS; Kathryn Fitzgerald, PT, DPT, NCS</i>		

	Room 1	Room 2	Room 3	Room 4
10:55am - 11:10am	<b>2311   Complications Associated with Colonoscopy In Patients with Spinal Cord Injury And Disorders (SCI/D)</b> <i>Gizelda Casella, MD PHD</i>	<b>2254   Movement Amplification to Improve Gait Stability in Spinal Cord Injury: A Case Series</b> <i>Jennifer Kahn, PT, DPT; Keith Gordon, PhD</i>	<b>2241   Current Opioid Prescribing Policies and Their Implications for Individuals with Spinal Cord Injury</b> <i>Jo Ann Shoup, PhD, MS, MSW, MA, LSW, NCC</i>	
11:15am - 11:30am	<b>2305   Association Between High Tidal Volume Association Between Higher Tidal Volume Mechanical Ventilation and Respiratory Outcomes In Acute Spinal Cord Injury: A Cohort Study</b> <i>Radha Korupolu, MD, MS</i>	<b>2266   Intensity of Therapeutic Interventions in Inpatient Rehabilitation for Patients with Spinal Cord Injury: A Pilot Study</b> <i>Lindsey Wynne, PT, DPT</i>		
11:35am - 11:50am	<b>2339   Future Directions for Implantable Multifunction Neuroprostheses Providing Function in Spinal Cord Injury</b> <i>Kevin Kilgore, PhD</i>	<b>2301   SCITrialsFinder.net: An Interactive Website to Identify Clinical Trials for People with Spinal Cord Injury</b> <i>Trevor Dyson-Hudson, MD</i>		<b>2284   Spinal Cord Injury Patient Experiences with Medical Marijuana in Pennsylvania</b> <i>Natasha Romanoski, DO; Michael Kryger, MD</i>
11:55am - 12:10pm	<b>2372   Improved Cardiac and Circulatory Function After Epidural Stimulation of the Lumbosacral Spinal Cord</b> <i>Bonnie Ditterline, PhD; Susan Harkema, PhD; Glenn Hirsch, MD, MHS; Beatrice Ugiliweneza, PhD</i>	<b>2264 The Story of Implementing Functional Electrical Stimulation Cycling in Alberta, Canada</b> <i>Jacqueline Rowley, BScPT, MSc</i>		
12:10pm - 12:25pm	<b>Break</b>			<b>Closing Comments</b>
	Room 1	Room 2	Room 3	
12:30pm - 12:45pm	<b>2170   Sweating Level Versus Neurological Level of Injury in Persons with Spinal Cord Injury</b> <i>Michelle Trbovich, MD</i>	<b>2353   Improving Hand Recovery with Neuromodulation in Chronic Tetraplegia: Preliminary Findings of an Ongoing Study</b> <i>John Lopez, DO</i>	<b>2269   Adaptive Sports and Assistive Technology: An Interdisciplinary Collaboration</b> <i>Katie Schultz, DPT, ATP; Joyce Casey, CTRS</i>	

	Room 1	Room 2	Room 3	
12:50pm - 1:05pm	<b>2352   Bone Mineral Density of Distal Femur and Proximal Tibia: State of the Science and Clinical Interpretation</b> <i>Jenny Kiratli, PhD</i>	<b>2271   Incidence of Cardiovascular Events in a Spinal Cord Injury Population</b> <i>Brian Higdon, MD; Tommy Yu, MD</i>	<b>Continued:</b> <b>2269   Adaptive Sports and Assistive Technology: An Interdisciplinary Collaboration</b> <i>Katie Schultz, DPT, ATP; Joyce Casey, CTRS</i>	
1:10pm - 1:25pm	<b>2268   Treatment of Lower Extremity Fractures in Chronic Spinal Cord Injury: A Systematic Review of the Literature</b> <i>Donna Huang, MD; Frances Weaver, PhD</i>	<b>2166   Prevalence Of Amputation In The Spinal Cord Injured Population</b> <i>Tommy Yu, MD; Morgan Pyne, DO; Brian Higdon, MD</i>		
1:30pm - 1:45pm	<b>2163   The Use of Serial Bone Density Scans in Hypothetical Patients with Spinal Cord Injury</b> <i>Cara Ray, MA</i>	<b>2303   Changes in Computer, Internet, and Email Use Over Time Among Individuals with Traumatic Spinal Cord Injury</b> <i>Stephanie Rigot, DPT</i>		
1:50pm - 2:05pm	<b>2263   Managing Osteoporosis in SCI: Decision Making Using Hypothetical Case Scenarios</b> <i>Frances Weaver, PhD</i>	<b>2335   Exercise Options to Improve Cardiometabolic Health in People with Spinal Cord Injury: A Review</b> <i>Daniela Iliescu, MD</i>	<b>2114   Veteran's Outdoor Adventure Program: A Regional Spinal Cord Injury Center's Initiative for Community Reintegration</b> <i>Katharine Tam, MD; Katherine Stenson, MD; Matthew Luitjohan, CTRS; Charley Wright, MS, CTRS, ATP</i>	
2:05pm - 2:10pm	<b>Closing Remarks</b>			