Welcome from the Chair

We celebrate your attendance and welcome each of you to Denver for the 2017 Educational Conference & Expo of the Academy of Spinal Cord Injury Professionals (ASCIP). We are delighted that once again, you have chosen to join us for a rejuvenating and contemporary educational experience that spans the continuum of spinal cord injury and disease. The Academy Program Committee has created a remarkable educational conference that includes a world-renowned keynote speaker, interdisciplinary plenary sessions on topics important to all SCI professionals, over 85 posters, and clinical education panels on key areas of SCI practice. Your passion in the field of SCI is shared among attendees representing physicians, researchers, therapists, nurses, psychologists, social workers, counselors, nutritionists and others committed to improving the life and health of those with spinal cord injury.

The program draws from the expertise of basic scientists, experts in clinical practice and theoretical considerations of our interdisciplinary membership. The program spans a variety of topics including assistive and innovative technology, sexuality/reproduction, grantsmanship, pharmacology updates and other topics related to spinal cord injury and disease. New this year, our innovative contest winners will demonstrate their prototype/products. Of course when in Denver, the Point Counter Point discussion will be the engaging topic of Medical Marijuana. ASCIP will also join our Journal of Spinal Cord Medicine staff in celebrating 40 years of this prestigious peer reviewed journal. In addition, we have provided opportunities for networking with your colleagues, sharing clinical experiences, engaging in research opportunities and interacting with experts in the field of SCI.

We encourage you to use the ASCIP mobile app to help you navigate important information while at the conference and throughout the year. You can view...
the conference program, posters, sponsors, exhibitors, and award winners. You can also connect with other attendees directly on the app! It also includes some great year-round membership features that include access to JSCM, the weekly newsletter, and more.

ASCIP would like to thank our many sponsors: Alliance Labs, CARF International, Cleveland Clinic, Craig H. Neilsen Foundation, Hollister Incorporated, Medical Technologies of Georgia, Inc., Medtronic, Inc., Merz North America, Methodist Rehabilitation Center, Quantum Rehab, Stealth Products, United Spinal Association and University of Utah. In addition, we have more than 55 exhibitors this year. Be sure to go see their products and learn how they might benefit your organization. We would also like to thank our Institutional Members: Casa Colina Hospital and Centers for Healthcare, Cleveland Clinic, Craig Hospital, Kessler Foundation, Kessler Institute for Rehabilitation, Hollister Incorporated, and Moss Rehab. We greatly appreciate all of their support.

The Governance Board would like to take this opportunity to thank you, the membership, for your continued commitment and support of ASCIP. We are excited about our future and encourage you to become involved through participation in committees and section boards.

We hope you enjoy your conference and the continuing education opportunities provided here in Denver. We look forward to your feedback for planning future conferences so we encourage you to complete the conference evaluation that will be sent to you following the conference.

See you in New Orleans in 2018!
Thank you for supporting the 2017 Educational Conference of the Academy of Spinal Cord Injury Professionals, Inc.

THANK YOU TO THE 2017 ASCIP INSTITUTIONAL MEMBERS

CRAIG
HOLLISTER
Cleveland Clinic
EINSTEIN HEALTHCARE NETWORK

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United Spinal Association

Every life deserves world class care

THEME: "From the Desk of the President: Building a Community of Spinal Cord Injuries Professionals for the 21st Century"
governance board

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Katy Winnett - Marketing

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Exhibit Hall Hours
Four Season Ballroom – Rooms 3 & 4

TUESDAY, SEPTEMBER 5
8:00 am – 12:00 pm - Exhibitor Setup
12:15 pm - Exhibit Hall Opens
12:15 pm – 1:45 pm - Lunch Provided & Roundtables
3:15pm - 3:45 pm - Break in Exhibit Hall
   Cake Served to Celebrate JSCM 40th Anniversary!
5:15 pm – 6:45 pm - Exhibit Hall Opening Reception
   Appetizers & 1 Drink Provided
   Sponsored by Enemeez

WEDNESDAY, SEPTEMBER 6
8:00 am – 8:30 am – Breakfast Provided
9:30 am – 10:00 am – Break in Exhibit Hall
12:00 pm – 1:30 pm – Lunch Available for Purchase
1:00 pm – Prize drawings - Must be present to win!
1:30 pm – Exhibit Hall Closes
1:30 pm – 5:00 pm – Exhibitor Tear Down

Registration Information
Registration desk is open September 3 – September 6, 2017
Hours: 6:30 am – 5:00 pm everyday

A badge will be provided at the conference registration desk. This will be
your conference identification and will ensure your admission to the conference
rooms, receptions, exhibit hall, provided meals and other functions.
The Craig H. Neilson Foundation is pleased to support the 2017 ASCIP Educational Conference & Expo.

The Craig H. Neilson Foundation’s funding is dedicated to supporting both programs and scientific research to improve the quality of life for those affected by and living with spinal cord injury.

www.chnfoundation.org
Whether her day is ordinary or extraordinary, the Onli catheter is there for her.

The Onli catheter fits into your patient’s day — whatever the day may bring. This easy to open hydrophilic intermittent catheter is designed for smooth insertion with reduced spills and no staining.* This ready to use catheter is as easy to learn as it is to use, so you can be confident that she will be able to use the Onli catheter the right way at the right time.

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join the ascip team

The Academy of SCI Professionals is an interdisciplinary organization devoted to improving care through sharing knowledge and expertise.

We are the premiere interdisciplinary organization dedicated to advancing the care of people with spinal cord injury.

Our leadership and membership are made up of physicians, nurses, psychologists, social workers, counselors and therapists. Together we envision a world where people with disabilities are healthier, more independent, and more empowered through a comprehensive lifetime of care to take on all the challenges that life presents.

Together we provide world-class networking, continuing education opportunities and publications for professionals in the field and those interested in SCI.

Together we advocate for better access to comprehensive lifelong quality health care for all SCI patients and for more public, policy maker, and philanthropic awareness of the challenges facing SCI patients and professionals alike.

Please join us at www.academyscipro.org.

Be one of the many minds who are making the vision a reality.

donations to ascip

ASCIP truly values and appreciates each and every one of its donors. Without you, ASCIP would not be so valuable, unique and successful!

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Tanisha Toaston
Laura Tuck
Kenneth Waller
Catherine Wilson

session evaluation and continuing education

SESSION EVALUATION AND CONTINUING EDUCATION CE CERTIFICATES

Credit is only given to attendees who successfully complete the entire course and evaluate the course.

ASCIP Educational Conference session evaluations are electronic. After the conference, you will receive an email with a link to the evaluation system. Please click on the link and begin to evaluate each session you attended. When you are finished, you’ll be directed to evaluate the overall conference. Your opinion is important to us!

After you have completed the evaluations, an email will be automatically generated to you. In that email, you will be able to click on the link and print your certificate. Remember that the site is automatically calculating your credit. If you miss evaluating a session you attended, you will be a credit short! Call Kim Ruff at 217-321-2488 ext. 3 with questions.
### SUNDAY, SEPTEMBER 3, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
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<tbody>
<tr>
<td>6:30 am</td>
<td>Registration</td>
<td>A Lobby</td>
</tr>
<tr>
<td>7:00 am – 6:30 pm</td>
<td>SCI Intensive Review Course (9.5 CEs available), breakfast and lunch provided</td>
<td>607</td>
</tr>
<tr>
<td>8:00 am - 5:00 pm</td>
<td>Brain Matters in SCI (8 CEs available), breakfast &amp; lunch provided</td>
<td>605</td>
</tr>
<tr>
<td>8:00 am – 5:00 pm</td>
<td>Comprehensive Spinal Cord Injury Programming: Practical Application &amp; Experience – TLC/Craig (8 CEs available), breakfast &amp; lunch provided</td>
<td>Craig Hospital</td>
</tr>
<tr>
<td>8:00 am – 4:00 pm</td>
<td>Governance Board Meeting</td>
<td>Hyatt – Agate room, level 3</td>
</tr>
<tr>
<td>4:30 pm – 5:30 pm</td>
<td>ASCIP Section Board Meetings</td>
<td>Hyatt – Quartz/Agate/Granite, level 3</td>
</tr>
<tr>
<td>6:00 pm – 8:00 pm</td>
<td>Welcome Reception, <em>Sponsored by Quantum Rehab &amp; Stealth Products</em></td>
<td>Denver Athletic Club</td>
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### MONDAY, SEPTEMBER 4, 2017

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<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
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<tbody>
<tr>
<td>6:30 am – 5:00 pm</td>
<td>Registration</td>
<td>A Lobby</td>
</tr>
<tr>
<td>6:30 am</td>
<td>Breakfast Provided</td>
<td>Four Seasons Pre-function</td>
</tr>
<tr>
<td>7:00 am – 8:00 am</td>
<td>First Time Attendee and New Member Breakfast hosted by the ASCIP Membership Committee</td>
<td>501</td>
</tr>
<tr>
<td>7:00 am – 8:00 am</td>
<td>Concurrent Sessions</td>
<td>601, 603, 605, 607</td>
</tr>
<tr>
<td>8:00 am – 8:15 am</td>
<td>Break</td>
<td>Four Seasons Pre-function</td>
</tr>
<tr>
<td>8:15 am – 8:45 am</td>
<td>Welcome and Announcements</td>
<td>Four Seasons Ballroom 1 &amp; 2</td>
</tr>
<tr>
<td>8:45 am – 9:45 am</td>
<td>Keynote – Hype, Hope and Assistive Technology</td>
<td>Four Seasons Ballroom 1 &amp; 2</td>
</tr>
<tr>
<td>9:45 am – 10:00 am</td>
<td>Break</td>
<td>Four Seasons Pre-function</td>
</tr>
<tr>
<td>10:00 am – 11:00 am</td>
<td>Donald Munro Lecture - Exoskeletal-Assisted Walking for Persons with Paralysis: What We Know and Don't Know</td>
<td>201, 203</td>
</tr>
<tr>
<td>10:00 am – 11:00 am</td>
<td>Essie Morgan Lecture – Well Being Therapy for People Living with SCI: Biological Mechanisms and Implications for the Future</td>
<td>205/207</td>
</tr>
<tr>
<td>11:00 am – 12:00 pm</td>
<td>New PVA Consortium for Spinal Cord Medicine Guideline: Identification and Management of Cardiometabolic Disease after SCI</td>
<td>201, 203</td>
</tr>
<tr>
<td>11:00 am – 12:00 pm</td>
<td>TLC Distinguished Lecture – By Popular Demand</td>
<td>205/207</td>
</tr>
<tr>
<td>Time</td>
<td>Event</td>
<td>Location/Location Details</td>
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<tr>
<td>12:00 pm – 1:30 pm</td>
<td>Lunch On Your Own</td>
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<tr>
<td>12:15 pm – 1:15 pm</td>
<td>Medtronic Sponsored Lunch (Pre-registration required)</td>
<td>Hyatt, Centennial A-B, level 3</td>
</tr>
<tr>
<td>12:15 pm – 1:15 pm</td>
<td>Hollister Sponsored Lunch (Pre-registration required)</td>
<td>Hyatt, Centennial F-G, level 3</td>
</tr>
<tr>
<td>1:30 pm– 3:00</td>
<td>Concurrent Sessions</td>
<td>205A-C; 208AB; 207AB; 207CD; 209A</td>
</tr>
<tr>
<td>3:00 pm – 3:30 pm</td>
<td>Break</td>
<td>Level 2</td>
</tr>
<tr>
<td>3:30 pm – 5:00 pm</td>
<td>Concurrent Sessions</td>
<td>205A-C; 208AB; 207AB; 207CD</td>
</tr>
<tr>
<td>5:00 pm – 7:00 pm</td>
<td>Interactive Poster Session and Reception</td>
<td>Four Seasons Pre-function</td>
</tr>
<tr>
<td>5:15 pm – 8:30 pm</td>
<td>A Night at Craig – (Pre-registration required)</td>
<td>Craig Hospital</td>
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<tr>
<td></td>
<td>5:15 pm loading – leave 5:30 pm - ending at 8:30 pm</td>
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**TUESDAY, SEPTEMBER 5, 2017**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location/Location Details</th>
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</thead>
<tbody>
<tr>
<td>6:30 am – 5:00 pm</td>
<td>Registration</td>
<td>A Lobby</td>
</tr>
<tr>
<td>6:30 am</td>
<td>Breakfast Provided</td>
<td>Four Seasons Pre-function</td>
</tr>
<tr>
<td>6:30 am – 8:00 am</td>
<td>ECATS Mentoring Breakfast</td>
<td>501</td>
</tr>
<tr>
<td>7:00 am – 7:45 am</td>
<td>Concurrent Sessions</td>
<td>502, 601, 603, 605, 607</td>
</tr>
<tr>
<td>7:45 am – 8:00 am</td>
<td>Break</td>
<td>Four Seasons Pre-function</td>
</tr>
<tr>
<td>8:00 am – 9:30 am</td>
<td>Point Counter Point: Controversial Issues in Spinal Cord Injury</td>
<td>Four Seasons Ballroom 1 &amp; 2</td>
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<td></td>
<td>Management – Medical Marijuana in the Spinal Cord Population</td>
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<tr>
<td>9:30 am – 10:30 am</td>
<td>ASCIP OSCIR Awards and Updates</td>
<td>Four Seasons Ballroom 1 &amp; 2</td>
</tr>
<tr>
<td>10:30 am – 10:45 am</td>
<td>Break</td>
<td>Four Seasons Pre-function</td>
</tr>
<tr>
<td>10:45 am – 12:15 pm</td>
<td>Anthony DiMarco Lecture - Field Testing Guidelines for Respiratory</td>
<td>201/203</td>
</tr>
<tr>
<td></td>
<td>Management Following Spinal Cord Injury</td>
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<tr>
<td>10:45 am – 12:15 pm</td>
<td>Workshop: Putting Motivational Interviewing into Practice: A Workshop</td>
<td>205/207</td>
</tr>
<tr>
<td></td>
<td>on Patient Engagement Skills</td>
<td></td>
</tr>
<tr>
<td>10:45 am – 12:15 pm</td>
<td>Audrey Nelson Lecture – Getting Started in Nursing Research</td>
<td>301/302</td>
</tr>
<tr>
<td>12:00 pm – 1:30 pm</td>
<td>Fellowship Directors Meeting</td>
<td>503</td>
</tr>
<tr>
<td>12:15 pm – 1:30 pm</td>
<td>Fellows Meetings</td>
<td>504</td>
</tr>
<tr>
<td>12:15 pm – 1:45 pm</td>
<td>Exhibit Hall Opens - Lunch Provided</td>
<td>Four Seasons Ballroom 3 &amp; 4</td>
</tr>
<tr>
<td>Time</td>
<td>Event</td>
<td>Location</td>
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<tr>
<td>12:15 pm – 1:45 pm</td>
<td>Roundtables</td>
<td>Four Seasons Ballroom 3 &amp; 4</td>
</tr>
<tr>
<td>12:15 pm – 1:45 pm</td>
<td>Lunch and Learn on Ethics</td>
<td>501</td>
</tr>
<tr>
<td>12:30 pm – 1:30 pm</td>
<td>Sponsored Lunch - Medical Technologies of Georgia (Pre-Registration Required)</td>
<td>Hyatt, Centennial A-B, level 3</td>
</tr>
<tr>
<td>1:45 pm – 3:15 pm</td>
<td>Concurrent Sessions</td>
<td>502, 601, 603, 605, 607</td>
</tr>
<tr>
<td>3:15 pm – 3:45 pm</td>
<td>Break with Exhibitors - Cake Served to Celebrate JSCM 40th Anniversary</td>
<td>Four Seasons Ballroom 3 &amp; 4</td>
</tr>
<tr>
<td>3:45 pm – 5:15 pm</td>
<td>Concurrent Sessions</td>
<td>502, 601, 603, 605, 607</td>
</tr>
<tr>
<td>5:15 pm – 6:45 pm</td>
<td>Exhibit Hall Opening Reception <strong>Sponsored by Alliance Labs</strong></td>
<td>Four Seasons Ballroom 3 &amp; 4</td>
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**WEDNESDAY, SEPTEMBER 6, 2017**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>6:30 am – 5:00 pm</td>
<td>Registration</td>
<td>A Lobby</td>
</tr>
<tr>
<td>7:00 am - 8:00 am</td>
<td>Concurrent Sessions</td>
<td>601, 603, 605, 607</td>
</tr>
<tr>
<td>8:00 am – 8:30 am</td>
<td>Breakfast in Exhibit Hall</td>
<td>Four Seasons Ballroom 3 &amp; 4</td>
</tr>
<tr>
<td>8:30 am – 9:30 am</td>
<td>James J Peters Lecture – Translational Vignettes: Lessons from the Path to Recovery</td>
<td>Four Seasons Ballroom 1 &amp; 2</td>
</tr>
<tr>
<td>9:30 am – 10:00 am</td>
<td>Break in Exhibit Hall</td>
<td>Four Seasons Ballroom 3 &amp; 4</td>
</tr>
<tr>
<td>10:00 am – 12:00 pm</td>
<td>Concurrent Sessions</td>
<td>502, 601, 603, 605, 607</td>
</tr>
<tr>
<td>12:00 am – 1:30 pm</td>
<td>Lunch Available for Purchase in Exhibit Hall PRIZE DRAWINGS AT 1:00 PM – MUST BE PRESENT TO WIN!</td>
<td>Four Seasons Ballroom 3 &amp; 4</td>
</tr>
<tr>
<td>1:30 pm - 3:00 pm</td>
<td>Concurrent Sessions</td>
<td>502, 601, 603, 605, 607</td>
</tr>
<tr>
<td>3:00 pm – 3:30 pm</td>
<td>Break</td>
<td>Four Seasons Pre-function</td>
</tr>
<tr>
<td>3:30 pm – 5:00 pm</td>
<td>Concurrent Sessions</td>
<td>601, 603, 605, 607</td>
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</table>

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**Quantum iLevel®**

**quantumrehab.com**

12 Annual Educational Conference & Expo of the Academy of Spinal Cord Injury Professionals - 2017
The ASCIP mobile app is a year-round app that features membership benefits, information about ASCIP and up-to-date conference information.

**KEY CONFERENCE FEATURES INCLUDE:**

- Agenda
- Presentation Slides
- Sponsors and Exhibitors
- Speakers Bios
- Educational Posters
- Award Winners
- In-App Chat
- Notifications
- And more!
### SUNDAY - SEPTEMBER 3, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am - 6:30 pm</td>
<td>#1 SCI Intensive Review Course</td>
<td>Room #607</td>
</tr>
<tr>
<td>8:00 am - 5:00 pm</td>
<td>#2 Brain Matters in SCI</td>
<td>Room #605</td>
</tr>
<tr>
<td>8:00 am - 5:00 pm</td>
<td>#3 Comprehensive Spinal Cord Injury Programming: Practical Application and Experience - TLC/Craig</td>
<td>Craig Hospital</td>
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<tr>
<td>6:00 pm - 8:00 pm</td>
<td>Opening Reception at Denver Athletic Club</td>
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<td>Sponsored by: Quantum Rehab &amp; Stealth Products</td>
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### MONDAY - SEPTEMBER 4, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30 am - 8:00 am</td>
<td>Breakfast Provided</td>
<td>Four Seasons Prefunction</td>
</tr>
<tr>
<td>7:00 am - 8:00 am</td>
<td>NEUROLOGICAL AND FUNCTIONAL ASSESSMENT</td>
<td>Room #601</td>
</tr>
<tr>
<td></td>
<td>#4 (7:00 am - 7:15 am) Understanding the International Standards Exam: Historical Insights for Contemporary Mastery - Ryan Solinsky, MD, Steven Kirshblum, MD</td>
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</tr>
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<td></td>
<td>#5 (7:15 am - 7:30 am) Beyond the AIS: The Potential of Defining Incompleteness of Injury with Neurophysiology - Kelsey Potter-Baker, PhD</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#6 (7:30 am - 7:45 am) Responses to Non-Invasive Autonomic-Cardiovascular Testing in Persons with Spinal Cord Injury Compared to In-tact Controls - Jill Wecht, EdD</td>
<td></td>
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<tr>
<td>8:00 am - 8:15 am</td>
<td>Break</td>
<td>Four Seasons Prefunction</td>
</tr>
<tr>
<td>8:15 am - 9:45 am</td>
<td>#11 Keynote - Hype, Hope and Assistive Technology</td>
<td>Room #201/203</td>
</tr>
<tr>
<td></td>
<td>MODERATOR: Michael Boninger, MD</td>
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<tr>
<td>9:45 am - 10:00 am</td>
<td>Break</td>
<td>Four Seasons Prefunction</td>
</tr>
<tr>
<td>10:00 am - 11:00 am</td>
<td>#12 DONALD MUNRO LECTURE</td>
<td>Room #201/203</td>
</tr>
<tr>
<td></td>
<td>Exoskeletal-Assisted Walking for Persons with Paralysis: What we Know and Don’t Know - Ann M. Spungen, EdD</td>
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<td></td>
<td>MODERATOR: Michael Kenneally, MD</td>
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</tr>
<tr>
<td>11:00 am - 12:00 pm</td>
<td>#13 ESSIE MORGAN LECTURE</td>
<td>Room #205/207</td>
</tr>
<tr>
<td></td>
<td>Well Being Therapy for People Living with SCI: Biological Mechanisms and Implications for the Future - Barry Nierenberg, PhD, ABPP</td>
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<td>MODERATOR: Heather Russell, PhD</td>
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<td>#14 New PVA Consortium for Spinal Cord Medicine Guideline: Identification and Management of Cardiometabolic Disease After SCI - Mark S. Nash, PhD, FACSM, PVA, Trevor A. Dyson-Hudson, MD</td>
<td>Room #201/203</td>
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<tr>
<td></td>
<td>MODERATOR: Lisa Beck, MS, APRN, CNS, CRNP</td>
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<tr>
<td></td>
<td>#15 TLC DISTINGUISHED LECTURE - By Popular Demand</td>
<td>Room #205/207</td>
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<td>By Popular Demand</td>
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<td>Rafferty Laredo, OTR, MA</td>
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<td>1:30 pm - 3:00 pm</td>
<td><strong>WORKSHOP</strong>&lt;br&gt;#16 Semen Retrieval in Men with Spinal Cord Injury - Tips and Tricks of the Trade - Nancy L. Brackett, PhD, HCLD; E maid Ibrahim, MD; Charles M. Lynne, MD&lt;br&gt;MODERATOR: Lance Goetz, MD</td>
<td><strong>CHALLENGING SITUATIONS</strong>&lt;br&gt;#17 (1:30 pm - 2:30 pm) Breaking Bad News: What You Say vs. What They Hear - Thea Flaim, Jon Rose, PhD, Trisha Hicks, LSW, MSW, Med; Laura Wehrli, PT, DPT, APT, NCS; Katie Powell, OT, MOT&lt;br&gt;#18 (2:30 pm - 2:45 pm) Art of Family Meeting - Trisha Hicks, MSW, Ramekun Okumu, LSW&lt;br&gt;#19 (2:45 pm - 3:00 pm) Do Barriers and Facilitators Predict Travel Participation - Shu Cole, PhD&lt;br&gt;MODERATOR: Maggi Budd, PhD, MPH, ABPP</td>
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<td>3:00 pm - 3:30 pm</td>
<td><strong>WORKSHOP</strong>&lt;br&gt;#27 It Takes a Village: An Interdisciplinary Team Approach to Successful Pregnancy after Spinal Cord Injury - Angela Vrooman, OTR, DO; Lisa Wenzel, MD; Liza Criswell, OTR, ATP, Hunter A. Hammill, MD, FACOG&lt;br&gt;MODERATOR: Rita Hamilton, DO</td>
<td><strong>WORK IT!</strong>&lt;br&gt;#28 (3:30 pm - 4:30 pm) Does it Pay to Return to Work - Kathy Hulse, MSW, Nicole Miller, LPC, CRC, CCM; Jeffrey Berliner, DO&lt;br&gt;#29 (4:30 pm - 4:45 pm) Resource Facilitation: Early Inpatient/Assertive Outpatient Vocational Rehabilitation Services in SCI - John O’Neill, PhD&lt;br&gt;#30 (4:45 pm - 5:00 pm) SCI/TBI Vocational Planning, Daniel Edelston&lt;br&gt;MODERATOR: Angela Kuemmal, PhD, ABPP</td>
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<td>7:00 am - 7:45 am</td>
<td><strong>ALS</strong> &lt;br&gt; #39 (7:00 am - 7:30 am) Prevalence, Characteristics and Survival of Tracheostomy Ventilated Versus Non-Invasively Ventilated &lt;br&gt; Veterans with ALS; A Regional Experience - &lt;br&gt; Marielle Gales, MD &lt;br&gt; #40 (7:30 am - 7:45 am) Calculating the Rate of Change (ROC) of Force Vital Capacity (FVC) in patients with Amyotrophic lateral sclerosis (ALS) - &lt;br&gt; Catherine S. Wilson, PsyD, ABPP, Younghee C. Kang, RN, Kevin White, MD; MODERATOR: Mary Ann Richmond, MD</td>
<td><strong>LIVING HEATHY</strong> &lt;br&gt; #41 (7:00 am - 7:15 am) Web-Based Intervention to Promote Exercise among People with Spinal Cord Injury - &lt;br&gt; Maria Cole, MPH &lt;br&gt; #42 (7:15 am - 7:45 am) Considering Weight Management for People with SCI - &lt;br&gt; Katherine Froehlich-Grobe, PhD; MODERATOR: Lindsey Colbert, MA</td>
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<td>7:45 am - 8:00 am</td>
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<td>8:00 am - 9:30 am</td>
<td>#48 Point Counter Point: Controversial Issues in Spinal Cord Injury Management - Medical Marijuana in the Spinal Cord Population &lt;br&gt; MODERATOR: Rita Hamilton, DO</td>
<td>#49 ANTHONY DIMARCO LECTURE - Field Testing Guidelines for Respiratory Management Following Spinal Cord Injury &lt;br&gt; Stephen McKenna, MD; MODERATOR: Tony DiMarco, MD</td>
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<td>9:30 am - 10:30 am</td>
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<td>10:30 am - 10:45 am</td>
<td>#49 Room #201/203</td>
<td>#50 Room #205/207</td>
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<td>10:45 am - 12:15 pm</td>
<td><strong>Exhibit Hall Opens</strong>&lt;br&gt; Lunch Provided in Exhibit Hall&lt;br&gt; <strong>Roundtables:</strong> (12:30 pm - 1:30 pm) Strategies for Dealing with the Challenging Patient/Family and Preventing Team Member Burnout - Amy Springer, LCSW, Patricia Areth, PhD; Sigmund Hough, PhD, ABPP; Advocacy - What’s Important in the 2017 Political Arena? - Alex Bennewith, Rafferty Laredo, OTR, MA; Matt Davis, MD; SCI VA Centers - Unique Challenges and Topics of Interest - Michael Pramuk, PhD; Wound Care - Latest Approaches and Best Practices for Initial Prevention, Screening, Assessment, Treatment, and Management/Prevention of Recurrent Wounds - Kristen Henzel, MD, PhD; Wida Montero-Colon, BSN, MSN, FNP-BC, Lisa Beck, APRN, CN5, MS; Hot and New Technological Devices, Treatment Interventions and Tools (BMI, FES, Activity-Based Therapies….) - Michael Kryger, MD; Brad Dexter, PT; Conducting Research and Quality Improvement Projects (Engaging, Recruiting Patients…) - Trevor Dyson-Hudson, MD; Challenges Related to End of Life Issues with SCI/SCI D (ALS, MS, Vent Dependent…) - Jessica Bauguss, PhD; SCI Peer Engagement and Peer Mentorship - Julie Gassaway, MS, RN, Pete Anzianol Tammy Young, RN, Kimberly Queen, RN, Ruben Porter; <strong>Nursing Collaboration Within Model Systems</strong> - Diane Reinhardt, RN, MBA, MSCS</td>
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<td>12:15 pm - 1:45 pm</td>
<td><strong>OPIOIDS #53 (1:45 pm - 2:15 pm) Overview of New Federal Drug Administration Approved Medications for Pain</strong> - Jennifer Langer, PharmD, BCPS; Heather Skye Smith, PharmD; BCPS;</td>
<td><strong>INTERDISCIPLINARY TREATMENT APPROACHES #57 (1:45 pm - 2:30 pm) Mental Health Complications in Acute SCI Rehabilitation: An Interdisciplinary Approach</strong></td>
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<td>1:45 pm - 2:15 pm</td>
<td><strong>Sponsored Lunch:</strong> Medical Technologies of Georgia, Inc. (pre-registration required)</td>
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1:45 pm - 3:15 pm

**E-Learning and Spinal Cord Injury Rehabilitation: Navigating the ASIA eLearning Center and the Newest SKinSTeP Educational Program**

**Overview of New Treatment Approaches**

- #53 **TREATMENT APPROACHES**
  - #59 **EMPOWER OUR PATIENTS**
  - #62 **HANDS UP!**

**Spinal Cord Injury/Disorders Home Care Program**

- Integrating Consumer-Based Technology into an EADL Program
  - (3:45 pm - 4:45 pm)
  - TALK ME THROUGH IT

**Federal Drug Administration Approved Medications for Pain**

- Jennifer Langer, PharmD, BCPS; Heather Skye Smith, PharmD, BCPS

- #54 (2:15 pm - 2:45 pm) **Opioid Management: Comforting Conversations to Optimize Patient Engagement**
  - Douglas P. Stevens, MS, MD - ETHICS

**MSK/PAIN**

- #55 (2:45 pm - 3:00 pm) **Regenerative Treatments for Chronic Shoulder Pain in Spinal Cord Injury**
  - Trevor A. Dyson-Hudson, MD

- #56 (3:00 pm - 3:15 pm) **Injury Epidemiology: Spinal Cord Injured Patients National Veterans Wheelchair Games**
  - Venessa Lee, MD

**MODERATOR:** Sunil Sabhakwal, MD

**Annual Educational Conference & Expo of the Academy of Spinal Cord Injury Professionals - 2017**

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3:15 pm - 3:45 pm

**Break in Exhibit Hall - Cake served to celebrate JSCM 40th Anniversary Four Seasons Ballroom 3 & 4**

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3:45 pm - 5:15 pm

**Room #601**

- **MEDICAL ISSUES**
  - #66 (3:45 pm - 4:00 pm) **Prevalence of Deep Vein Thrombosis on Admission Screening of Complete Spinal Cord Injury Patients in Acute Rehabilitation**
    - Beverly Hor, MD
  - #67 (4:00 pm - 4:15 pm) **Autonomic Dysreflexia: Elaborated: New Details Emerging from Statistical Analysis**
    - Ryan Solinski, MD
  - #68 (4:15 pm - 4:30 pm) **Prevalence of High (>600 units) vs Lower Dose Botulinum Toxin**
    - Steven Kishblum, MD
  - #69 (4:30 pm - 4:45 pm) **Functional Status Predicts Readmission in the Spinal Cord Injury Population**
    - Donna Huang, MD
  - #70 (4:45 pm - 5:00 pm) **Diabetes Prevention Program for Individuals with Spinal Cord Injury**
    - Katherine Stenson, MD
  - #71 (5:00 pm - 5:15 pm) **Factors Impacting Extent of Implementation of a Pressure Ulcer Intervention**
    - Mary Lou Guihan, PhD

**Room #603**

- **#72 The Spinal Cord Injury-Quality of Life (SCI-QOL) Measurement System:**
  - David Tuckey, PhD
  - Pamela A. Kissal, MA

**Room #605**

- **#73 Diaphragmatic Pacer Implantation During Inpatient Rehabilitation**
  - Janet M. Dean, MS, RN, CRRN, CRNP
  - Mary Jo Elmo, CNP
  - Pam Kramer, RN, BSN
  - Ron Onders, MD, FACS

**Room #607**

- **#74 The Journey to Freedom: Living with a Diaphragmatic Pacemaker**
  - Jane Mitchell, RN, CRRN, CRNP, CM
  - Michael Fenberg, BS, RRT, CBI

**Room #502**

- **E-Learning and Spinal Cord Injury Rehabilitation: Navigating the ASIA eLearning Center and the Newest SKinSTeP Educational Program**
  - Ira A. McClure, PT, MAPT; Mary Schmidt Read, PT, DPT, MS

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5:15 pm - 6:45 pm

**Exhibit Hall Opening Reception - Sponsored by: Alliance Labs - Emeneez Four Seasons Ballroom 3 & 4**

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**Room #601**

- **ADVOCACY AND CARING**
  - #78 (7:00 am - 7:30 am) **Interdisciplinary Care for Refugees with Spinal Cord Injury in their Home Country**
    - Margaret Jones, MD, MPH
  - #79 (7:30 am - 8:00 am) **Advocacy Case Series: Complex Durable Medical Equipment Needs of Spinal Cord Injury Patients for Prevention of Complications**
    - Radha Konapoli, MD

**Room #603**

- **DEPRESSION: ASSESSMENT AND INTERVENTION**
  - #80 - Multi Disciplinary Assessment of Depression: Jason Read, PhD; Maggi Budd, PhD, ABPP

**Room #605**

- **#81 (7:00 am - 7:30 am) Teaching Lifelong Strategies for Management of Neurogenic Bladder**
  - Reheleth Tschoepe, OT
  - Kevin Stahr, OT
- **#82 (7:30 am - 8:00 am) Use of Bidet Seat Attachments for People with Physical Disabilities**
  - Laura Tario, OT

**Room #607**

- **#83 (7:00 am - 7:30 am) Using MRIs of the Seated Buttocks to Learn about Wheelchair Seating**
  - Sharon Eve Sonenblum, PhD

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7:00 am - 8:00 am

**PLEASE TAKE YOUR SEATS**

- #84 (7:30 am - 8:00 am) **Power Adjustable Seat Height - How High and WHY?**
  - Julie Pinato, PT, ATP/SMS
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<tr>
<td>8:00 am - 8:30 am</td>
<td>Breakfast Provided in Exhibit Hall Four Seasons Ballroom 3 &amp; 4</td>
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| 8:30 am - 9:30 am | #85 JAMES J. PETERS LECTURE - Translational Vignettes: Lessons from the Path to Recovery - Daniel P. Lammertse, MD  
MODERATOR: Lisa Beck, MS, APRN, CNS, CRRN Four Seasons Ballroom 1 & 2 |
| 9:30 am - 10:00 am | Room #601  
IMPROVING FUNCTION  
Jayanthi Lecture  
#86 (10:00 am - 10:15 am) It's All in Your Head: Driving Cortical Plasticity to Improve Muscle Contraction Below the Level of Injury - Kelsey Potter Baker, PhD  
#87 (10:15 am - 10:30 am) Patient-Reported Bladder Management Improvements after Exoskeleton-Assisted Walking - Eun Kyong Hong, PhD  
#88 (10:30 - 10:45 am) Peak Oxygen Consumption with Implanted Stimulation-Directed Cycling - Lok Valetas, BA  
REHAB TECHNOLOGY  
#89 (10:45 am - 11:00 am) Automatic Detection of Destabilizing Wheelchair Conditions for Modulating Actions of Neuroprostheses to Maintain Seated Posture - Kiley Armstrong, MS  
#90 (11:00 am - 11:15 am) Novel Assistive Device as a Training Tool for Spinal Cord Sailing Simulator - Best Trainee Research Presentation Carolyn Campbell, MD  
#91 (11:15 am - 11:30 am) How does Vector Magnitude Obtained from Wrist Worn Actigraphy Relate to Kinetic and Spatiotemporal Measures of Wheelchair Propulsion Technique at Different Speeds - Ian Rice, PhD  
#92 (11:30 am - 11:45 pm) Continuous Cloud-Based Power Wheelchair Monitoring of Mobility and Seating - Jeffrey Rosenbluth, MD, Roger Altizer  
#93 (11:45 am - 12:00 pm) Developing a Feedback-Controlled Heated Vest to Address Thermoregulatory Dysfunction - Daniel O’Connor  
MODERATOR: Sunil Sabharwal, MD |
|                | Room #603  
INTERDISCIPLINARY PANEL OF SEASONED PROVIDERS: MANAGEMENT OF SUICIDE IN THEIR EXPERIENCE  
#94 (10:00 am - 11:00 am) Suicide in SCI - Randall Buzan, MD, Stephen Wegener, PhD, ABPP, Les Butt, PhD, ABPP, Angela Kuemmel, PhD, ABPP  
ETHICS  
#95 (11:00 am -11:30 am) Resilience Among Adults Living with SCI and Their Caregivers - Susan Ryerson Espino, PhD, Kenny O’Rourke, MPH  
#96 (11:30 am - 12:00 pm) Correlates of Post-Traumatic Growth Following Spinal Cord Injury/Disorder - Bella Etingen, PhD  
MODERATOR: Maggi Budd, PhD, MPH, ABPP |
|                | Room #605  
NURSING DRIVEN BEST PRACTICES  
#97 (10:00 am - 11:00 am) Best Practices for Recognition and Management of Autonomic Dysreflexia (AD) - Cisa Wimberly Oloosi, MSN, CNS-C, FNPC, CRRN  
#98 (11:00 am - 11:30 am) Bowel Program Protocol Initiation Prior to Rehab - Malone Heinen, RN, BSN  
#99 (11:30 am - 11:45 am) Nurse Led Quality Improvement for Bladder Management of Veterans with SCI - Kaitlyn Grace Renfro, RN, BSN, Virginia Yu, RN, BSN  
#100 (11:45 am - 12:00 pm) Leptospermum Honey to Treat Wounds in Spinal Cord Injury Patients - Josef M. Mendez Lopez, RN, Safina Hussain, RN  
MODERATOR: Becky Thayer, MSN, RN, CRRN |
|                | Room #607  
OVERCOMING OBSTACLES  
#101 (10:00 am - 10:15 am) Comparing Travel Barrier Perceptions of Persons with SCI and Caregivers - Noah Hoback, PhD student  
#102 (10:15 am - 11:00 am) Mission Work and Wheelchair Distribution for People in Developing Countries: What is Involved and How Can I Go? - Theresa E. Bemer, MOT, OTR/L, ATP, Ryan Martin, OT, ATP/SM  
#103 (11:00 am - 12:00 pm) A Prelude to Randomized Controlled Trials: Clinical Research Pilot Studies - Kimberly R. Morden, PhD, Susan Charlifue, PhD, Don Gerber, PsyD |
|                | Room #502  
10:00 am - 11:00 am - Research Networking Hour  
#104 (11:00 am - 12:00 pm) Introduction of a Diaphragmatic Pacer Weaning Protocol in Patients with Cervical Spinal Cord Injury - Kathryn Doughty, PT, DPT, NCS, Alison D’Alessandro, PT, DPT, NCS, Genevieve Jacobs, MD  
MODERATOR: Erin Brown, OTR, ATP |
| 10:00 am - 12:00 pm | Lunch for Purchase in Exhibit Hall Four Seasons Ballroom 3 & 4 |
| 12:00 pm - 1:30 pm | Room #601  
Room #603  
Room #605  
Room #607  
Room #502  
Lunch for Purchase in Exhibit Hall Four Seasons Ballroom 3 & 4  
Exhibit Hall Closes at 1:30 pm - Prize Drawings at 1:00pm (Must be present to win) |
### 12:00 pm - 1:30 pm

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<td><strong>ABILITY NETWORK</strong></td>
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<td>#105 (1:30 pm - 2:15 pm) The Ability Network - Optimizing the Management of Spasticity - Anthony Burns, MD, MSc</td>
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<td>#106 (2:15 pm - 2:30 pm) Non-Invasive Spinal Cord Stimulation to Improve Hand Function in SCI - Nicholas Teresa, DPM</td>
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<td>#107 (2:30 pm - 2:45 pm) Paired Stimulation to Improve Hand Muscle Transmission and Function After SCI - Sana Saeed, BS</td>
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<td><strong>PEDIATRIC TREATMENT</strong></td>
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<td>#110 (1:30 pm - 2:15 pm) Ouch... ThatHurts!! Understanding, Assessing, and Treating Pain in Youth with Spinal Cord Injury Using Non-Pharmacological Methods - Heather F. Russell, PhD and Jennifer Lindwall, PhD</td>
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<td>#111 (2:15 pm - 3:00 pm) SCI and TBI Pediatrics - Nicole Eberle, PhD</td>
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<td>MODERATOR: Eric Johnsen-Buss, PhD</td>
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<td>#112 (1:30 pm - 2:00 pm) Causes of VA and Non-VA Hospitalization in the First Year After Acute Rehabilitation - Best Trainee Research Presentation - Sujan Cai, PhD candidate</td>
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<td>#113 (2:00 pm - 2:30 pm) Emergency Evacuation of Spinal Cord Injury Patients: Lessons Learned - Lisa Duncan, RN, MSN/ED, CRRN</td>
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<td>#114 (2:30 pm - 3:00 pm) Progressive Activity and Mobility Plan (PAMP): Promoting a Culture of Mobility in the Hospital - Heath Elms, MS, MBA, RN</td>
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<td><strong>ARC WORKSHOP</strong></td>
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<td>#118 Highs and Lows of Grantsmanship: What You Need for the Climb - B. Jenny Kiratli, PhD; Steven Brose, DO; Shu Cole, PhD; Matthew Sorenson, PhD, APN, ANP-c</td>
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<td>#119 Ethics and Legal Issues: Disability and Parenting - Alan L. Goldberg, PsyD, ABPP, JD; Alette Coble-Temple, PsyD (ETHICS)</td>
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<td><strong>NP IMPLEMENTATION PROJECT</strong></td>
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<td>#120 Implementation Project to Improve an Upper Limb Spinal Cord Injury Clinic - Susan Pejoro, MSN, NP, GNP-BC; Catherine Curtin, MD; Jeff Jaramilla, DPT; Maura Murphy, OTR/L, MS</td>
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<td>#121 3:30pm - 4:00pm Exoskeleton Assisted Walking (EAW) in Acute Rehab Following Spinal Cord Injury - Kyle McIntosh, PT</td>
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<td>#122 4:00pm - 5:00pm Postural Control after Motor-Complete Spinal Cord Injury: Advances in Measurement and Recovery - Darrell Atkinson, PhD, PT; Carol P. Eskay, PT, MPT; Laura C. Argetsinger, DPT; Dimitry G. Sayenko, MD, PhD</td>
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<td>#122 4:00pm - 5:00pm Postural Control after Motor-Complete Spinal Cord Injury: Advances in Measurement and Recovery - Darrell Atkinson, PhD, PT; Carol P. Eskay, PT, MPT; Laura C. Argetsinger, DPT; Dimitry G. Sayenko, MD, PhD</td>
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<td>MODERATOR: Ellen Severe, OTR</td>
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INDIVIDUALIZED CARE FOR SPINAL CORD INJURY PATIENTS

Mayo Clinic provides comprehensive care to thousands of patients with spinal cord injury. A collaborative team including physiatrists, neurologists, neurosurgeons and orthopedists works to treat each patient based on their individual needs. With more than 70 physiatrists and 400 therapists, nurses and psychologists, Mayo Clinic offers:

- Diaphragmatic pacing evaluation for ventilator dependent patients
- Inpatient, outpatient and lifelong care options
- Advanced assistive technology to enhance functional activities
- Spasticity management

For more information visit mayoclinic.org
Annual Educational Conference & Expo of the Academy of Spinal Cord Injury Professionals - 2017

EARLY CAREER AND STUDENT MEET & GREET
Monday, September 4, 2017
7:30 pm – 9:30 pm

BUBBA GUMP SHRIMP CO
1437 California Street, Denver Co
(1 block from the hotel and convention center)

Open to all students and early career members. Light appetizers will be provided, attendees will be responsible for paying for their own drinks and additional food.
ACADEMY AWARDS

The Academy of Spinal Cord Injury Professionals Leadership Award

Stephen Burns, MD
Dr. Stephen Burns completed residency training in Physical Medicine and Rehabilitation at the University of Washington and Thomas Jefferson University. He became a faculty member in the Department of Rehabilitation Medicine at the University of Washington in 1996, and he currently holds the academic rank of Associate Professor. He has worked as a Staff Physician with the SCI Service at VA Puget Sound since 1996, and in 2012 he became Director of the SCI Service. He is a past Chair of ASIA's International Standards Committee and current member of that committee as well as the Education Committee. He has served on two expert panels that developed clinical practice guidelines for the Consortium for Spinal Cord Medicine, and he now serves as a Steering Committee Member for the Consortium. He has also served as a member of the Medical Team for the National Disabled Veterans Winter Sports Clinic. He has 80 peer-reviewed publications, many of which have involved trainees at the University of Washington and VA Puget Sound. His areas of clinical research include infectious diseases, respiratory disorders, and neurologic assessment and classification in SCI.

James J. Peters Distinguished Service Award

Dan Lammertse, MD
Dr. Lammertse is the former Medical Director of Research at Craig Hospital and is Clinical Professor of Physical Medicine and Rehabilitation at the University of Colorado School of Medicine. He is board certified in Physical Medicine and Rehabilitation with a sub-specialty certification in Spinal Cord Injury. He has been a member of ASCIP (APS) since 1989 and served on the APS Board of Directors from 2003-2005. He was a member of the Journal of Spinal Cord Medicine Editorial Board from 1995-2016. Dr. Lammertse received the APS Award of Excellence in 2008 and gave the Donald Munro Lecture at ASCIP’s 2010 Meeting. He is a founding member of the Spinal Cord Outcomes Partnership Endeavor (SCOPE) and is also a past-president of the American Spinal Injury Association. He is a recognized expert on SCI clinical and research topics including the conduct of clinical trials. He currently serves on the Craig H. Neilsen Foundation Board of Directors.

Rebecca “Becky” J. Adcock, PhD Award for Excellence in Mentoring

Sigmund Hough, PhD, ABPP/rp
Sigmund Hough, PhD, ABPP/rp received A.B. from Columbia College, Columbia University, M.A. in Developmental Psychology from Columbia University, and Ph.D. in Clinical Psychology from Boston University. Dr. Hough holds ABPP board specialization in Rehabilitation Psychology, is a Fellow in the National Academy of Neuropsychology, a National Health Care Provider in Psychology, and is licensed in Massachusetts and Maine. As a clinical rehabilitation neuropsychologist at Spinal Cord Injury Service, VA Boston Healthcare System, Dr. Hough is also an Assistant Professor at Harvard Medical School and Adjunct Assistant Professor at Boston University School of Medicine. Previously, he has served as clinical director and director of psychological services at private rehabilitation facilities, case reviewer for a nationwide managed care company, and clinical service provider in public and private sector. In 2004, he received a national award, The Clinical Performance Award, American Association of Spinal Cord Injury Psychologists and Social Workers (ASCIP). He served as Director, Postdoctoral Fellowship Training Program-Boston Consortium in Clinical Psychology and in 2005, received a national award Excellence in Postdoctoral Training from the Association of Psychology Postdoctoral and Internship Centers (APPIC). He served as Director, Postdoctoral Fellowship Training Program-Boston Consortium in Clinical Psychology and in 2005, received a national award Excellence in Postdoctoral Training from the Association of Psychology Postdoctoral and Internship Centers (APPIC) for distinguished achievements in training. In 2006, he received the Faculty of the Year Award from The Boston Consortium Psychology Internship Program. He has conducted nationwide Internship and Postdoctoral Training Site Reviews for the American Psychological Association. He has conducted medical facility accreditation site surveys nationwide and internationally for CARF’s Medical Rehabilitation division. He is a AASECT Certified Sex Therapist, Editor-in-Chief of the international journal Sexuality and Disability, and contributing Editor at Harvard Health Publications. Co-Editor of Practical Psychology in Medical Rehabilitation published in 2016 and co-author of chapter Sex and Chronic Illness, IsHak (Ed.), 2017. He still finds time to provide mentorship across three major organizations via monthly telephone or video-conference meetings.
Dr. Vogel is Past President of the Chicago Pediatric Society, the American Paraplegia Society, and the American Spinal Injury Association and the former Chairman of the steering committee of the Consortium for Spinal Cord Medicine. He was the Co-Chair of the NINDS Common Data Elements committee for pediatric spinal cord injury in 2015-2016.

Lance L. Goetz, MD

Lance L. Goetz, MD, is a staff physician at the McGuire VA Spinal Cord Injury & Disorders Center, and Associate Professor, Department of Physical Medicine and Rehabilitation, Virginia Commonwealth University. He is the program director for the VCU/McGuire Spinal Cord Injury Medicine fellowships. He completed his B.S. with high honors and MD from the University of Iowa in 1992, residency training in physical medicine and rehabilitation at the University of Michigan in 1996 and spinal cord injury medicine fellowship at VA Puget Sound Health Care System, Seattle, Washington in 1997. Dr. Goetz is currently on the APS Board of Directors. He has served as Principal and Co-Principal Investigator on VA Merit Review grants and site investigator for multiple research protocols studying best practices supported employment, exoskeletal assisted walking, erectile dysfunction, clinical practice guidelines for SCI, pressure ulcers, urinary tract infections and other medical complications related to spinal cord dysfunction. Dr. Goetz serves as ad hoc reviewer for numerous SCI and PM&R journals and has authored or co-authored nearly 100 peer-reviewed publications, chapters and other works, and abstracts. Dr. Goetz is unmeasurably grateful to work with talented clinical, rehab and research colleagues, for his wife of 17 years, Eva Sonnier, and twin boys, Daniel and Devon, 13, and other friends and family who lift him up. Like his hero, SpongeBob, he strives to maintain an “attitude of gratitude”.

Maggi Budd, PhD, MPH, ABPP

Maggi Budd, PhD, MPH, ABPP is a Rehabilitation Neuropsychologist, board certified in Rehabilitation Psychology, working in the division of Spinal Cord Injury/Disease at the VA Boston Healthcare System. She also is Assistant Chair for the Ethics Advisory/Consultation Service and a member of the Integrative Ethics Committee for VA Boston, and an active participant in the VA’s National Center for Bioethics. She is an Instructor at Harvard Medical School and supervisor of pre-doctoral psychology trainees in Rehabilitation Psychology. Maggi’s specialized trainings in rehabilitation psychology and neuropsychology were completed at Johns Hopkins School of Medicine’s residency program. Maggi is a member of 3 ASCIP committees: PSWC, Academy Research Committee (ARC), and ASCIP Conference Program Planning Committee. She is also a member in Division 22 of the American Psychological Association. Maggi has numerous presentations around the country on the topics of applied clinical ethics, challenges at the end of life, self-care for staff, and managing challenging patient behaviors. Current research interests are testing her model of “disinterest in living” for individuals with catastrophic physical disabilities and publishing a completed Program Evaluation of adaptive sport’s clinic for disabled veterans: Motivation for and effect on quality of life. An ongoing project is with the Lifestyle Medicine Institute at HMS for designing, implementing and evaluating a culinary program (CHEF) to promote patient’s healthy cooking. Recently completed projects include publication as first editor on a book, Practical Psychology in Medical Rehabilitation, co-author on publications for the CHEF program, and first author on a publication on outcomes of veterans with comorbid TBI/SCI. Maggi is an involved Advisory Board Member for two separate large multi-site studies for the Department of Defense (DoD) for research relating to caretaking, assessing depression and/or quality of life for individuals with SCI/D.
American Association of Spinal Cord Injury Nurses (AASCIN) Awards

**Expanded Role for Excellence in Nursing**

**Wendy Worden, APRN, CNS, MS, CCRN**

Wendy Worden is currently the Clinical Nurse Specialist for the Inpatient Rehabilitation Unit and Physical Medicine and Rehabilitation nurses at Mayo Clinic Rochester. She graduated from Winona State University with her Master of Science Degree in Nursing in 2013 and recently achieved her certification in Rehabilitation Nursing (CRRN). She has over 20 years of experience in the field of nursing. Prior to her role as a Clinical Nurse Specialist she worked in the Neuroscience ICU where she developed a love for the neuroscience population and caring for those with brain and spinal cord injuries and other complex conditions. She is currently the Co-chair of the Mayo Clinic Rochester Outpatient Nursing Clinical Practice Committee. Wendy has a special interest in pressure ulcer prevention and wound management, has presented nationally on the topic and is the immediate past co-chair of the Mayo Clinic Rochester Pressure Ulcer Prevention Work Team. She serves on multiple nursing and interdisciplinary committees and was honored to participate with an interdisciplinary project team targeted at CAUTI Reduction. That project was awarded, on behalf of Mayo Clinic’s efforts, the 2015 John M. Eisenberg Patient Safety and Quality Award by the National Quality Forum.

**Staff Nurse Award for Excellence**

**William Caldwell, RN**

William J. Caldwell RN was working as a Power Company Lineman until a motorcycle accident changed the course of his life. Several family members were in the nursing medical field and encouraged him to seek that path. After obtaining his nursing degree he went to work for the newly opened Spinal Cord Center at the Dallas VA Medical Center, where he found his passion helping veterans with spinal cord injury disorders. William has been there for over 23 years.

William and his lovely wife have been blessed with 3 wonderful children - twin daughters who are currently attending Baylor University (Sic 'em Bears) and their son who started his junior year in high school this fall.

Therapy Leadership Council (TLC) Awards

**Distinguished Clinical Award**

**Ellen Severe, OTR**

Ellen Severe is the Director of Occupational Therapy at Craig Hospital. She received her BS in Occupational Therapy from Colorado State University in 1986 and has been practicing at Craig for 27 years. Before becoming Director, she spent many years practicing both Spinal Cord and Brain Injury rehabilitation, including both in and outpatient programs. She also was a member of the Assistive Technology team, participated in the pool therapy program, and continues to be the co-leader in the spasticity clinic. She also serves as a Change agent for Craig Hospital.

Ellen is a board member of the Therapy Leadership council of the Academy of Spinal Cord Injury Professionals along with being the chair for the membership committee.

Ellen serves as Vice President of the board for Rehabilitation Services Volunteer project (RSVP) Colorado, as well as sitting on the board for Colorado Neurologic Institute (CNI).

**Excellence Award**

**Laura Wehrli, PT, DPT, ATP**

Laura Wehrli graduated from Temple University with a Master’s Degree and later a Doctorate in Physical Therapy. She began her career in spinal cord injury rehabilitation at Mount Sinai Medical Center in New York, NY in 2000. She is currently the Physical Therapy Supervisor in SCI at Craig Hospital near Denver, CO. Laura has spent most of her career working with patients with spinal cord injuries in both the inpatient and outpatient settings. Laura is a presenter with Spinal Cord Injury Seminars, Inc and an adjunct faculty member for the University of Colorado PT program. She serves on the executive board of ASCIP.

**NAMED LECTURES**

**Keynote Presentation**

**Hype, Hope and Assistive Technology**

**Michael Boninger, MD**

Dr. Michael Boninger is a Professor and UPMC Endowed Vice Chair for Research in the Department of Physical Medicine & Rehabilitation at the University of Pittsburgh, School of Medicine. He has joint appointments in the Departments of Bioengineering, Rehabilitation Science and Technology and the McGowan Institute of Regenerative Medicine. He is Senior Medical Director for Post-Acute Care for
the Health Services Division of UPMC. He is also a physician researcher for the United States Department of Veterans Affairs. Dr. Boninger has an extensive publication record of over 220 papers. His central research focus is on enabling increased function and participation for individuals with disabilities through development and application of assistive, rehabilitative and regenerative technologies. Dr. Boninger also has extensive experience and publications related to training researchers. His students have won over 50 national awards. Dr. Boninger holds 4 United States patents and has received numerous honors, including being inducted into the National Academy of Medicine (formerly the Institute of Medicine) of the National Academy of Science.

The Anthony DiMarco Lectureship
Field Testing Guidelines for Respiratory Management Following Spinal Cord Injury
Stephen McKenna, MD

Dr. McKenna is a clinical scientist board certified in Internal Medicine and Neurocritical Care. He is currently the Director of the Rehabilitation Trauma Center at Santa Clara Valley Medical Center (SCVMC). His clinical duties focus on the care of ventilator dependent patients with catastrophic brain and spinal cord injury. His translational research aims to develop evidence based guidelines for the management of brain and spinal cord injury. Dr. McKenna’s teaching responsibilities include being the site director for the Advanced Spinal Injury Medicine Fellowship at SCVMC.

In 1995, Dr. McKenna began his clinical career as the Project Manager for the NIH HIV vaccine clinical trial centers in Rwanda and Zambia. Since joining the faculty at SCVMC in 2005, he has been the principal investigator for numerous clinical trials including investigations of stem cell derived oligodendrocytes for acute spinal cord injury. Dr. McKenna is a founding member of the Stanford Partnership for Spinal Cord Injury and Repair (SPSC). The SPSC leverages scientific and clinical partnerships to reduce the costs - personal, social, and financial - of spinal cord injury. Dr. McKenna holds an appointment at the Stanford University School of Medicine as a Clinical Associate Professor (Affiliated) in the Department of Neurosurgery. In collaboration with Stanford, UCSF and UC Berkley, he envisages a broad community of practice to translate bench and engineering science to the bedside.

Audrey Nelson Lecture
Getting Started in Nursing Research
Matthew Sorenson, PhD, APN, ANP

Matthew Sorenson PhD, APN, ANP-C is Director of the School of Nursing at DePaul University with an appointment as a clinical scholar in the School of Medicine at Northwestern University (Department of Physical Medicine and Rehabilitation). His background includes work in physical rehabilitation with a research program that examines immunologic correlates of fatigue in those with neurological and neuromuscular disorders. He has assisted clinicians and graduate students in the design and implementation of a significant number of research studies. Dr. Sorenson has taught courses in pharmacology, pathophysiology, research design and method, along with a doctoral level course in program evaluation.

Donald Munro Lecture
Exoskeletal-Assisted Walking for Persons with Paralysis: What We Know and Don’t Know
Ann Spungen, EdD

Dr. Ann M. Spungen is a Senior Research Scientist for the Veterans Health Administration. She received a master’s degree from the University of Pittsburgh in Exercise Physiology and a doctoral degree from Columbia University, New York, NY in Applied Physiology with a minor in statistics. She is an Associate Professor and Vice Chairperson for the Department of Rehabilitation Medicine at the Icahn School of Medicine at Mount Sinai, New York, NY and the Associate Director of the VA Rehabilitation Research and Development National Center for the Medical Consequences of Spinal Cord Injury at the James J Peters VA Medical Center, Bronx, NY. Dr. Spungen has been an integral part in the development of these Centers since 1990, during which time she has published more than 130 peer-reviewed manuscripts, review articles and book chapters in the areas of body composition, pulmonology, pressure ulcers, metabolism, endocrinology, and exercise in persons with spinal cord injury. Dr. Spungen has been a funded VA investigator since 1998.

Dr. Spungen has devoted efforts to understanding how exoskeletal-assisted walking influences the health and well-being of individuals with SCI. This program has grown to yield two clinical trials, one from the DOD/CDMRP and the other funded by the VA Cooperative Studies Program and five publications. Her work is the first to recognize the potential benefits of exoskeletal-assisted walking on bowel function, energy expenditure, body composition, seated balance, and quality of life. She is considered to be one of the leading experts in the field of exoskeletal-assisted walking for persons with spinal cord injury.

Dr. Spungen has been requested to report her findings and share her research experience on the exoskeletal-assisted walking program with the Senate Veterans Affairs Committee (SVAC), the Food and Drug Administration (FDA), Friends of VA (FOVA) Capitol Hill Briefing for Congress, and policy makers with the Aetna Insurance company. Dr. Spungen was recognized...
for her achievements in the study of the medical consequences of spinal cord injury by being awarded, along with her colleague Dr. William A. Bauman, one of the highest awards bestowed to federal employees, the “Samuel J. Heyman Service to America Medal for Science and Environment”.

**Essie Morgan Lecture**  
**Well Being Therapy for People Living with SCI: Biological Mechanisms and Implications for the Future**  
**Barry Nierenberg, PhD, ABPP**  
Dr. Barry Nierenberg, PhD, ABPP, is currently an Associate Professor of Psychology within the Nova Southeastern University College of Psychology. He is Board Certified in Rehabilitation Psychology, was a member of the Executive Board of the American Board of Rehabilitation Psychology from 2008 - 2015 and is a Past President of the Academy of Rehabilitation Psychology. He currently holds secondary Academic Appointments within the Department of Psychiatry at the Nova College of Medicine and the Dept of Family Medicine at the University of Miami Miller School of Medicine. For the past 30 years, Dr. Nierenberg held numerous leadership positions as a Psychologist working with other healthcare professionals in hospitals across the country.

He is the one of the Past Presidents of the American Psychological Association’s Division of Rehabilitation Psychology, was awarded their Lifetime Achievement Award in 2009 and their national Mentoring Award in 2015. He served on the Florida Department of Health’s Brain and Spinal Cord Injury Advisory Council in various posts from 1989 – 2009, being elected as Chairman from 2001 – 2003. He has published and presented numerous papers both nationally and internationally. His research interests are focused on the interplay of biopsychosocial factors in chronic illness, psychological well-being and disease, as well as healthcare disparities, pediatric psychology, and child and family adaptations to acute and chronic medical conditions.

**Jayanthi Lecture**  
**It’s All in Your Head: Driving Cortical Plasticity to Improve Muscle Contraction Below the Level of Injury**  
**Kelsey Potter-Baker, PhD**  
Kelsey A. Potter-Baker, PhD is a biomedical engineer at the Louis Stokes Cleveland Department of Veteran’s Affairs, within the Advanced Platform Technology Center. She also has a joint appointment as a Research Scientist within the Department of Biomedical Engineering at the Cleveland Clinic Foundation. She completed her bachelor’s training at the University of Utah, in Salt Lake City, Utah and doctoral training at Case Western Reserve University in Cleveland, Ohio. Across her 10 years of research experience, she has conducted numerous studies involving both animal models and clinical studies, with an emphasis on neurodegeneration and neuromodulation. Her current work seeks to combine elements from neuroimaging and neuromodulation to improve neurorehabilitation for individuals with spinal cord injury. She has published over 24 manuscripts, 1 book chapter and delivered numerous platform presentations describing her research.

**TLC Distinguished Lecture**  
**By Popular Demand**  
**Rafferty Laredo, OTR, MA**  
Rafferty Laredo is the Executive Director of United Spinal Association of Houston. He received his occupational therapy degree in 1999 and has contributed widely to the field of spinal cord injury rehabilitation ever since. Rafferty worked for 12 years at TIRR Memorial Hermann in Houston, TX and founded United Spinal Houston in 2011. In addition to his service as a highly skilled and experienced clinical OT, Rafferty is also an avid disability rights advocate and an innovative non-profit leader.

Through United Spinal Houston and diverse partnerships with other nonprofits across Houston, Rafferty leads progressive community-based programs including: a spinal cord injury resource center and hotline, one-to-one peer mentoring, community-wide SCI networking, medical supply assistance, and life-skills development, education, and training.

Rafferty is a well-respected educator alongside his esteemed colleagues at SCI Seminars, sharing advanced hands-on clinical training for SCI Rehab. He is also a consultant with numerous hospital systems across the U.S. on the topic of interdisciplinary management of neurogenic bowel and bladder after SCI. Rafferty was honored with ASCIP’s TLC Excellence Award in 2011 for his leadership in the field.

Rafferty currently serves as Chapter Liaison on the United Spinal Association Board of Directors, representing over 50 United Spinal Chapters across the U.S. He is currently Vice President of ASCIP’s TLC Section and will assume the role of TLC President at the close of this 2017 conference.

**ASCIP Research Committee – Outstanding Trainee Researchers**  
**Causes of VA and Non-VA Hospitalization in the First Year After Acute Rehabilitation**  
**Sujuan Cai, PhD candidate**  
Sujuan Cai is a seasoned nurse practitioner, wound certify nurse, and a recent PhD graduate...
from the Betty Irene Moore School of Nursing at University of California at Davis. Her dissertation research focused on health care utilization among Veterans with SCID. She utilized both VA and Non-VA administrative data to identify rates of emergency room visits and re-hospitalization during the first year after initial rehabilitation at VA SCID center among Veterans with SCID. Her study coined a new term - “desirable hospitalizations” offered by VA SCID center with wellness and preventive aims for the Veterans with SCID. Her study is innovative on combining both VA and non-VA patient identifiable health care utilization data that is the first time being applied to VA SCID population.

ASCIP Research Committee – Outstanding Trainee Researchers

Novel Assistive Device as a Training Tool for Spinal Cord Sailing Simulator

Carolyn Campbell, MD

Carolyn Campbell was born in Denver, Colorado where she discovered her passion for skiing from an early age and gained appreciation for outdoor recreation in the mountains. She obtained a BS in Neuroscience, and MS in Pharmacology at Tulane University. She was a research assistant in a neurophysiology lab, investigating the neuroprotective properties of erythropoietin. She then went on to pursue an MD at Tulane University School of Medicine. Drawn to the collaborative community, longevity of patient-physician relationships, and a focus on improving function, Carolyn pursued a residency in Physical Medicine and Rehabilitation. Eager to return to the mountains, she matched into University of Utah’s PM&R program. Living in Salt Lake City for residency, she rediscovered her passion for the mountains, backcountry skiing, and trail running in her free time with the help of her college friend. Unfortunately, after a year, Carolyn’s friend sustained a high cervical injury while mountain biking, and subsequently ended up in her rehab unit, on a ventilator, with a C2 AIS A SCI injury. She vowed to return her friend to skiing, and became involved in a unique and inventive project of a novel assistive devices for adaptive sailing and skiing. Working alongside a multi-departmental team of researchers with big dreams, strong work ethic, and unstoppable determination, Carolyn was able to help fulfill this promise. Carolyn witnessed her friend return to sailing and skiing (and controlling the devices on his own), allowing him to re-engage in the things that made him feel most alive.

Between this personal experience, her involvement in research, and clinical exposure in her residency training, she discovered her passion of SCI medicine and is currently applying for SCI Fellowship positions for the upcoming 2018 year.
Poster Presentations

**APS**

**P1** Acute Transverse Myelitis Secondary to HIV Infection: A Case Study  
Matthew Davies, MD  
mcDavies1@gmail.com

**P2** Allergic Reaction to an Intrathecal Baclofen Pump Leading to Pump Extrusion  
Christina Zaccarini, MD  
zaccaric@upstate.edu

**P3** Associations Between Perceptions of Inpatient Rehabilitation and Functional Outcome  
Sameer Siddiqui, MD  
siddiqui6886@gmail.com

**P4** Atypical Presentations of Spasticity after Spinal Cord Injury: A Case Series  
Radha Korupolu, MD, MSr  
adha.korupolu@uth.tmc.edu

**P5** Can Probiotics Shorten the Duration of Antibiotic Associated Diarrhea in Spinal Cord Injury Patients with Neurogenic Bowel?  
Gizelda Casella, MD, PhD  
casellag@upstate.edu

**P6** A Case of Latrogenic Skin Erosion Over Intrathecal Baclofen Pump  
Damon A. Gray, MD  
damon.gray@va.gov

**P7** Case Study: Immobilization in Spinal Cord Injury Aggravating Rhabdomyolysis  
Enoch Leung, MD, PhD  
elung@dmc.org

**P8** Complete Restoration of Respiratory Muscle Function in SCI  
Krzysztof E. Kowalski, PhD  
kek5@case.edu

**P9** A Concise Educational Series for Patients with Spinal Cord Injuries  
Meghan Wilson, MD, PhD  
meghanew@uci.edu

**P10** Conjunctivitis in Spinal Cord Injury: Usual and Unusual Causes  
Jeffrey Harrow, MD, PhD  
colharrow@gmail.com

**P11** Delayed Diagnosis of Clostridium Difficile  
Kathryn Hodge, MD  
kathryn.hodge@va.gov

**P12** Engaging Early Career Physicians in Spinal Cord Injury Medicine  
Felicia Skelton, MD  
felicia.skelton@bcm.edu

**P13** Epidural Stimulation Effects on Bladder Function after Spinal Cord Injury  
April Herrity, PhD  
anherr02@louisville.edu

**P14** Evaluation of Shoulder Muscle Activity during Geared Manual Wheelchair Mobility  
Vaishnavi Muqeet, MD  
vmuqeet@gmail.com

**P15** Factors Influencing Antibiotic Prescribing for Individuals with Spinal Cord Injuries  
Jennifer N. Hill, MA  
jennifernhill@gmail.com

**P16** Hip Fracture during Colonoscopic Repositioning: A Case Report  
Anita Kou, MD  
ancho986@gmail.com

**P17** Increased Serum High Density Lipoprotein after 36 Exoskeletal-Assisted Walking Sessions  
Steven Knezevic, MS  
steven.knezevic@va.gov

**P18** Intercostal Neuralgia Following Spinal Cord Injuries Associated with Thoracic Laminectomies  
Gizelda Casella, MD, PhD  
casellag@upstate.edu

**P19** Inter-day Reliability of the Deep Breathing Test in Persons with SCI  
Matthew T. Maher, MS  
matthew.maher@va.gov

**P20** Inter-day Reliability of the Saliva Test in Persons with SCI  
Matthew Maher, MS  
matthew.maher@va.gov

**P21** Inter-day Reliability of the Valsalva Maneuver in Persons with SCI  
Joe Weir, PhD  
joseph.weir@ku.edu

**P22** Inter-day Reliability of Venous Occlusion Plethysmography in Persons with SCI  
Alexander Lombard, MS  
alombard@kesslerfoundation.org

**P23** Maintaining Functional Independence in Late Adulthood with Sjögren-Larsson Syndrome: A Case Report of a Rare Genetic Disease  
Katharine Tam, MD  
ktam02@ric.org

**P24** Management of Lower Extremity Dyskinesia with the Dopamine Agonist Ropinirole in a Patient with Multiple Sclerosis and an Intrathecal Baclofen Pump: A Case Report  
Maria G. Martinez, MD  
martimar@upstate.edu

**P25** Massive Syringomyelia in a 29 Year Old Pregnant Female: A Case Report  
Melody Lee, MD  
lee.melody1@mayo.edu
P26 Mobility Clinic Team Composition: Optimizing Access to Interprofessional Care
James Milligan, MD
james.milligan@medportal.ca

P27 Paraplegia After Axillary Puncture Wound From an Oryx Horn
Stephanie Cowherd, MD
stephanie.cowherd@ucdenver.edu

P28 Play Now Pay Later? Considerations for a Wheelchair Athlete with Paraplegia and Acute Upper Limb Injury
Kristin Garlanger, DO
garlanger.kristin@mayo.edu

P29 Pre-Operative Asymptomatic Bacteriuria Screening in Patients with Spinal Cord Injury
Margaret Fitzpatrick, MD, MS
margaret.fitzpatrick@lumc.edu

P30 Rehabilitation of Caudal Regression Syndrome: A Case Report
Neel Chandel, MD
nchandel@montefiore.org

P31 Respiratory Failure from Syringomyelia Extending to Brain Stem in an Individual with Chronic Spinal Cord Injury
Min Jee Kim, DO
mkimmpr@gmail.com

P32 Retrospective Summary of Stimulated Responses from Implanted Paraspinal Electrodes
Michael E. Miller, MS
mem9@po.cwru.edu

P33 Sinemet Induced Dyskinesia in a Patient with Spinal Cord injury: Case Report
Gizelda Casella, MD, PhD
casellag@upstate.edu

P34 Sleep Abnormalities in Patients with Spinal Cord Injury
Gizelda Casella, MD, PhD
casellag@upstate.edu

P35 Solitary Rectal Ulcer Syndrome
Jeffrey Harrow, MD, PhD
colharrow@gmail.com

P36 Spinal Cord Injury Fellowship Training: A Changing Landscape
Felicia Skelton, MD
felicia.skelton@bcm.edu

P37 Spinal Cord Injury Healthcare Utilization: Impact of Race and Insurance
Librada Callender, CCRC
librada.callender@bswhealth.org

P38 Impact of Race and Insurance
Ellia Ciammaichella, DO, JD
el@ciammaichella.com

P39 Transitioning from Manual Wheelchair to Powered Mobility after Spinal Cord Injury
Erica Bechtel, MD
ebechtel2@gmail.com

P40 Transverse Myelitis Caused by Zika Virus Infection in the Caribbean: A Case Report
Joanne M. Delgado, MD
joannedelgado@gmail.com

P41 An Unusual Presentation of Cervical Myelopathy and Lumbar Radiculopathy in the Setting of Spinal Arachnoiditis due to Neurocysticercosis
Neel Chandel, MD
nchandel@montefiore.org

P42 Wound Management with Non-Contact, Low-Frequency Ultrasound Therapy Delivered at Home
Tommy Yu, MD
tommyctyu@gmail.com

P43 Amyotrophic Lateral Sclerosis: Veteran's Distress and Their Caregivers
Bianca Crudup, PhD
bianca.crudup@gmail.com

P44 Appraisals of Disability: Primary and Secondary Scale & Psychological Adjustment
Herb Ames, PhD
herbert.ames2@va.gov

P45 Assessing the Dissemination and Use of the 4th revision of the Professional Standards for Psychologists, Social Workers, and Counselors in SCI Rehabilitation
Heather Russell, PhD
hrussell@shrinenet.org

P46 Associated Neuropsychological Findings with Chronic Kidney Disease in a Patient with Spinal Cord Injury: A Case Report
Ellen Zhan, MD
ellen.zhan@va.gov

P47 Clinical Outcomes of a Women's Support Group for Female Veterans with Spinal Cord Injuries or Disorders (SCI/D)
Cait Campbell, PsyD
caitlin.campbell@va.gov

P48 Customized Learning: Improving Patient Education in Spinal Cord Injury
Azi Ghaffari, PhD
azadeh.ghaffari@va.gov

P49 Development of an Interdisciplinary Sexual Health Rehabilitation Program for Veterans with Spinal Cord Injury
Jessica Brundage, PhD
jessica.brundage@va.gov

P50 Early Career and Trainee Support Committee (ECATS): Full Steam Ahead
Jessica Brundage, PhD
jessica.brundage@va.gov

P51 Individual Placement and Support in SCI Care: An Implementation Guide
Lisa Ottomanelli, PhD
lisa.ottomanelli-slone@va.gov

P52 Multi-Family Group Treatment for Persons with Spinal Cord Injury: Participants’ Perspectives
Dennis Dyck, PhD
dyck@wsu.edu
P53 Perceived Injustice and Depressive Symptoms following Spinal Cord Injury
Kimberley R Monden, PhD
kmonden@craighospital.org

P54 Perceptions of Travel Following SCI: Participant Self Report
Stephanie J Bennett
sbennett2@craighospital.org

P55 Building Nurse Manager Self-Esteem
Zahira Sanabria, DNP, RNz
eesanabria@yahoo.com

P56 Catheter Associated Urinary Tract Infection Reduction: A Nursing-Driven Quality Improvement Initiative
Jessica Vida-Clough, MSN, RN
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P57 Cultivating a Transdisciplinary Team Model to Improve Outcomes of Patients with SCI
Evelyn Quinones, MSN, RN
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P58 Larval Debridement Therapy of Sacral/Coccyx Pressure Ulcers
Sarah Lapinski, RN
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P59 Managing Complex Wounds Using Negative Pressure Wound Therapy with Instillation
Terri Wilson, BSN, RN
terrijwilson@yahoo.com

P60 My HealtheVet Initiative: An Interdisciplinary Approach on an SCI Inpatient Unit
Kelly Skinner, MSN, RN, GNP-BC, NP-C, CRNN, WCC, CFCCN1
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P61 Program Evaluation on Hospital in Home (HIH) Program for Veterans with Chronic Spinal Cord Injury (SCI)
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P62 SCI Clinical Video to Home Telehealth: Promoting Wellness and Care Coordination
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P63 Sexuality and Sexual Function Education after a Spinal Cord Injury
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P64 Smoking Cessation Using Group Auricular Acupuncture and Mindfulness
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P65 Using Telehealth to Reach Multiple Sites for Rehab Education
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P66 Utilizing Telehealth to Certify Caregivers for Bowel Care Reimbursement
Broderick Flynn, MSN, RN
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TLC

P67 Adaptive Mouse Options for the Cervical Spinal Cord Injury Population
Erin Muston-Firsch, MS, OTR/L
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P68 Advancements in Neuromuscular Electrical Stimulation Strategies after Spinal Cord Injury
April Herity, DC, PhD
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P69 Assistive Technology Boot Camp
Emily R. Rosario, PhD
erosario@casacolina.org

P70 A Case Study Incorporating the Use of Canine-Assisted Therapy to Promote Respiratory Function and Outcomes
Kirsten Ondich, MS, OTR/L
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P71 Collaborative Driven Design
Gina Cooke, MS, OTR/L, ATP
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P72 Community Reintegration through Outpatient Outings: A Multidisciplinary, Peer-Supported, Goal-oriented Approach
Nancy Mason, LISW-S
nancy.mason@osumc.edu

P73 Complex Positioning, Tone Management in Dual Diagnosis Survivor with Dystonia
Dannae DeVahl, PT, DPT, ATP
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P74 Essential SCI Rehabilitation Therapy in the Critical and Acute Care Setting
Sarah Bicker, OTR/L
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P75 Facilitating Resilience: Empowerment through Peers, Proficiency, Passion, and Purpose
Carrie Callahan, PT
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P76 Habits for Health: A Behavioral Weight Management Program in Veterans with a Spinal Cord Injury/Disorder
Michael Pramuka, PhD
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P77 High Expectations for New Home Automation Technology
Shaun Smith, MS, CRC, ATP
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P78 Increasing Access to Closed System Catheters
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P79 Pathways and Pitfalls to Implementing a Community Locomotor Training Program
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P80 Pressure Injury Prevention: Self-Screening Camera Design and Development
Christine Olney, PhD, RN
christine.olney@va.gov
**P82** Promoting Excellence in Patient Care with Therapy-Led Interdisciplinary Rounds
Rachael Houtman, PT, DPT, ATC
rhoutman@mageerehab.org

**P83** Re-Entering Community through Recreation: Development of SCI Young Adult Group
Colleen McAllister, CTRS
cmcallister@mageerehab.org

**P84** Relationships of Physical Activity Level, Life Satisfaction, Participation, and Physical Impairments in Persons with Spinal Cord Injury
Jeffrey P. Jaramillo, DPT
jeffrey.jaramillo@va.gov

**P85** SCI-BI: An Overview of a Dual-Diagnosis Program for Patients with Concomitant Spinal Cord and Brain Injuries
Sara Bertoch, PhD
sara.bertoch@brooksrehab.org

**P86** Seating Assessment and Solutions for Adaptive Cycling
Sze Wing Kwok, PT, DPT, ATP
zewing.kwok@va.gov

**P87** Staying Connected: Electronic Device Access for Ventilator Dependent Patients with Tetraplegia and Impaired Phonation
Lorena Salas, OTR/L
lcsalas5@yahoo.com

**P88** Teaming Up for Pulmonary Rehab; Taking Patients with SCI Beyond Limits
Lorillie Soleta, MSN, RN
lsoleta@gshrhs.org

**P89** Ventilator Weaning in Cervical Level Spinal Injuries with Diaphragmatic Pacing
Meggan Morris, CScD
megganemorris@gmail.com

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A motorcycle accident broke Michael Stine’s shoulder blade, collar bone, ribs and arm, but it didn’t break his spirit. Even after he learned that the lower-body paralysis caused by a spinal cord injury might be permanent, Michael didn’t give up. Neither did the people at Baylor Institute for Rehabilitation. “It wasn’t just a job for them,” he says. “They cared, and I felt it.” After three and a half months of hard work, Michael was able to do a lot for himself — including driving a van. “The people at Baylor Rehab took joy in my accomplishments,” says Michael. These days, he returns the favor as a certified mentor for other injured patients.
exhibitors

ASCIP
206 S. 6th Street
Springfield, IL 62701
(217) 753-1190 Amy Cheatham, Account Manager, acheatham@firminc.com

Booth: Center – 400
ASCIP is a not-for-profit incorporated association comprised of 4 professional sections: American Paraplegia Society (APS), Association of Spinal Cord Injury Nurses (ASCIN), Psychologists, Social Workers and Counselors (PSWC) and Therapy Leadership Council (TLC). ASCIP is the only organization that unites the expertise and perspectives of four professionals with the focus on spinal cord injuries and diseases. By integrating the disciplines of medicine to include nursing, psychology, social work, behavioral health, and rehabilitation therapy, diverse perspectives are shared and comprehensive results are achieved to enrich the continuum of care for individuals with spinal cord injury and disease.

ABC Medical
15 E Uwchlan Avenue
Exton, PA 19341
(215) 600-0535 Martina DAntonio, Vice President of Sales, martina.dantonio@abc-med.com

Booth # 416
ABC Medical is a national leader in providing urological and other medical supplies, delivered directly to customers’ homes. ABC Medical is a “Different Kind of DME”, offering an unmatched combination of personalized service, quality medical supplies, education and outreach to its customers. ABC stands for Adapt.Believe.Compete., representing the Company’s mission of providing people with disabilities unparalleled support to adapt to their situation, believe in themselves and compete every day. As the exclusive medical supply sponsor of many of the largest adaptive sports organization in the U.S., ABC Medical supports and attends over 300 adaptive sports events every year.

Ability KC
3011 Baltimore Avenue
Kansas City, MO 64108
(816) 751-7700 Jeanette Boucher, Marketing Director, jeannette.boucher@abilitykc.org

Booth # 119
Ability KC brings together Rehabilitation Institute of Kansas City and Children’s Therapeutic Learning Center. Annually, 2700 individuals and families receive services for medical rehabilitation, therapeutic preschool, and employment services. In addition, multiple specialty services and programs are offered, such as neuropsychology and rehabilitation psychology, Ekso GT robotic exoskeleton sessions, and much more. Ability KC is proud to celebrate 70 years since the beginnings of each agency in 1947. Thousands of lives have been changed and celebrations of successes have occurred due to the generosity of the Kansas City community.

Alber USA LLC
1005 International Drive
Oakdale, PA 15071
(724) 695-7822 Bill Russell, Business Manager, brussell@alber-usa.com

Booth # 309
Alber specializes in easy-to-use, convenient electromobility. We offer mobility aids for wheelchair users; our portfolio contains solutions that are made to be uniquely portable and versatile. Alber is market leader internationally in this specific segment. Alber also develops and manufactures high-end propulsion systems for e-bikes under the brand name Neodrives.

Our employees are vital to our success – Alber thrives only because of their commitment and inventiveness.

Allergan plc (NYSE: AGN), is a bold, global pharmaceutical company focused on developing, manufacturing and commercializing branded pharmaceuticals, devices and biologic products for patients around the world. For more information, visit Allergan's website at www.Allergan.com.

Alliance Labs / Enemeez
2515 E. Rose Garden Lane #1
Phoenix, AZ 85050
(602) 559-5211 Andrew Castillo, Marketing Coordinator, marketingpr@alazinc.com

Booth # 303
Enemeez® non-irritating formula produces complete evacuation usually within 2-15 minutes*. Easy twist-off tip; also available with soothing Benzocaine. Enemeez® is effective for bowel care needs associated with spinal cord injury and disease, multiple sclerosis, traumatic brain injury, spina bifida, long-term care, stroke and general constipation. * Federal Register / Vol. 50, No. 10 / Tuesday, January 15, 1985 / Proposed Rules; pgs 2124-2158.

Allied Powers LLC
Booth: 122
9474 Twister Trace St, Las Vegas, NV 89178
(702) 283-6401 Josh Greenman, Co-owner, AlliedPowersLLC@gmail.com

American Congress of Rehabilitation Medicine (ACRM)
PO Box 759272
Baltimore, MD 21275
(703) 574-5845 Jenny Richard, Director Member Services, jrichard@acrm.org

Booth # 106
ACRM is an organization of rehabilitation professionals dedicated to serving people with disabling conditions by supporting research that promotes health, independence, productivity, and quality of life; and meets the needs of rehabilitation clinicians and people with disabilities. ACRM promotes and disseminates world-class rehabilitation research translated for clinical practice.

Aretech
21720 Red Rum Drive, Suite 187
Facilitate communication among members and other physicians, allied health care professionals, researchers and consumers.

Booth # 111
Aretech is a leading rehabilitation robotics company which develops advanced rehabilitation technologies for improving function and independence. We have a strong commitment to quality, innovation, and developing technology based on evidence-based research. Aretech’s ZeroG Gait and Balance System is a robotic body-weight support system that assists patients of a wide range of abilities as they practice activities of daily living with fall protection. Interactive balance training modules and games encourage participation while detailed training reports help track progress. For treadmill training with body-weight support, Aretech offers ZeroG-Lite which comes standard with a ramp and wheelchair landing.

ASIA
2209 Dickens Road
Richmond, VA 23230
(804) 565-6396 Patty Duncan, Executive Director, Patty@asia-spinalinjury.org

Booth: Near Registration
· Promote and establish standards of excellence for all aspects of health care of individuals with spinal cord injury from onset throughout life.
· Educate members, other healthcare professionals, patients and their families as well as the public on all aspects of spinal cord injury and its consequences in order to prevent injury, improve care, increase availability of services and maximize the injured individual’s potential for full participation in all areas of community life.
· Foster research which aims at preventing spinal cord injury, improving care, reducing consequent disability, and finding a cure for both acute and chronic SCI.
· Facilitate communication among members and other physicians, allied health care professionals, researchers and consumers.

Bard Medical Division
8195 Industrial Blvd
Covington, GA 30014
(770) 784-6741 Megan Drew, Meeting Planner, Megan.Drew@crbard.com

Booth # 215
For over 100 years, Bard Medical has been creating innovative products and services for urologists and their patients to treat and manage urological disease. Bard’s MAGIC3™ intermittent catheter product line offers many convenient, easy-to-use options for those on-the-go moments for patients. Their best option yet is the MAGIC3 GO” Hydrophilic Catheter with CLEANGLIDE™ Technology. Thanks to its unique coating, patients will never have to deal with the mess of water or lubrication because the coating is already hydrated. Simply open the package, and it’s ready to go—no matter where life takes you.

Baylor Institute for Rehabilitation
411 North Washington Avenue, Suite 500
Dallas, TX 75246
(214) 820-5879 Tracy Brown, Director of Marketing and Communications, tralbrown@bir-rehab.com

Booth # 116
Baylor Institute for Rehabilitation is dedicated to helping patients find their way back from all types of injuries, illnesses, and acute and chronic conditions. We offer a network of inpatient rehabilitation facilities and outpatient clinics throughout Dallas/Fort Worth. For more information visit our website at BaylorHealth.com/Rehab.

Brooks Rehabilitation
3599 University Blvd South
Jacksonville, FL 32216
(904) 377-7004 Patricia Seibold, Director, System Referral Development, Patricia.Seibold@Brooksrehab.org

Booth # 210
Brooks Rehabilitation has been serving the Southeast for more than 45 years. As a non-profit organization based in Jacksonville, Fla., Brooks is a recognized leader in providing a coordinated continuum of world-class rehabilitation solutions, empowering people to achieve their highest level of recovery and quality of life. Our system of care includes one of the nation’s largest inpatient rehabilitation hospitals with 160 beds. This includes a Spinal Cord Injury Ventilator Program. We also offer skilled nursing, assisted living, memory care, home health, outpatient clinics, community programs, a research division and a PMR physicians practice.

Byram Healthcare
120 Bloomingdale Rd. Ste 301
White Plains, NY 10605
(877) 902-9726 Kellyn Flanagan, Marketing Coordinator, kflanagan@byramhealthcare.com

Booth # 219
Byram Healthcare’s Continence Care Program promotes patient independence by providing clinically appropriate supplies and valuable educational resources. We are committed to supplying quality intermittent catheters and incontinence supplies from leading manufacturers to our customers.

CARF International
6951 E. Southpoint Rd
Tucson, AZ 85756
(520) 325-1044 Chris MacDonell, FACRM, CMacDonell@carf.org

Booth # 404
CARF International, is an independent, nonprofit accreditor of health and human services. CARF has been enhancing the quality through standards reflecting innovative practices and leadership in the field internationally. Through accreditation, CARF assists service providers in improving the quality of their services, demonstrating value, and meeting internationally recognized organizational and program standards. The accreditation process applies sets of standards to service areas and business practices during an on-site survey. Accreditation, is an ongoing process, signaling to the public that a service provider is committed to continuously improving services. Accreditation also demonstrates a provider’s commitment to enhance its performance, manage its risk, and distinguish its service delivery.

Chanda Plan Foundation
1630 Carr Street
Lakewood, CO 80214
(800) 766-4255 Chanda Hinton, Executive Director, ch@iamtheplan.org

Booth # 407
The mission of the Chanda Plan Foundation is to provide access to integrative therapy, primary care, and other complementary services to improve health outcomes and reduce healthcare costs for persons with physical disabilities. While our headquarters are in Denver Colorado, we have been serving on locally and nationally since 2007 where 75%
of those we serve are living with a Spinal Cord Injury.

**Clarke Health Care Products, Inc.**
7830 Steubenville Pike
Oakdale, PA 15071
(412) 249-8951 Gerald Clarke, President
jclarke@clarkehealthcare.com

**Booth # 413**
Clarke Healthcare is distributor for unique durable medical products from around the world. Bath safety line includes Ocean shower chairs that tilt and recline, electronically height adjustable, bedside or self-propel chairs. Aquatec bathlifts are seating and positioning systems for the tub with accessories for safe and comfortable bathing. Boris shower chairs are sized for children. Portable grab bars with a range of accessories or Toilevator raised platform make your home safe. Mobility products include Dolomite walkers and gait trainers with welded frames, portable ramps for entrance or traveling. We distribute Hart bed rails.

**Coloplast**
1601 West River Road
Minneapolis, MN 55411
(612) 232-1177 Hailey Wachlarowicz-Bayer, Marketing & Events Planner, ushwa@coloplast.com

**Booth # 318**
Coloplast develops products and services that make life easier for people with very personal and private medical conditions. Our business includes ostomy care, urology, continence care, and wound & skin care.

**Craig Hospital**
3425 S. Clarkson Street
Englewood, CO 80113
(303) 789-8250 Jake Manley, Marketing & Media Services Manager, jmanley@craighospital.org

**Booth # 300**
Craig Hospital is a world-renowned, 93-bed, private, not-for-profit rehabilitation hospital and research center that specializes in the care of people who have sustained a spinal cord and/or a brain injury. Craig provides a comprehensive system of inpatient and outpatient medical care, rehabilitation, neurosurgical rehabilitative care, and long-term follow-up services. Half of Craig’s patients come from outside of Colorado. Craig has been ranked as a top 10 rehabilitation center by U.S. News and World Report for 27 consecutive years. Craig has received the NDNQI® award in 2009, 2012, 2013, 2014 and 2015 for the highest quality outcomes in nursing care in a rehabilitation facility.

**Dabir**
7447 W. Wilson Ave
Harwood Heights, IL 60706
(888) 559-3641 DawnReene, Sales Manager, Government Accounts, drnoll@dabir-surfaces.com

**Booth # 104**
With the mission of preventing pressure injuries, Dabir engineers and manufactures medical devices for individuals who are immobilized or otherwise at risk for developing pressure injuries. At Dabir, we are creating a new standard for the prevention of Pressure Injuries by developing emerging technology, safe and efficient, cost-effective pressure alleviation solutions.

**EarlySense Inc.**
135 Beaver Street
Waltham, MA 02452
(781) 373-3228 Jaime Donahue, Marketing Coordinator, jaime.donahue@earlysense.com

**Booth # 316**
EarlySense has an innovative, continuous patient monitoring solution designed to enhance patient safety and reduce risk for general care patients. Through early detection, the EarlySense System assists clinicians in identifying and preventing potential adverse events by providing motion rates and bed exit alarms, to help reduce falls and pressure ulcers, as well as surveillance of heart and respiratory rates to potentially detect patient deterioration. Without ever touching the patient, the System provides continuous monitoring by using a sensor that is placed underneath a bed mattress or a chair cushion. There are no leads or cuffs to connect to the patient.

**EasyStand**
262 W 1st St
Morton, MN 56270
(800) 342-8968 Brittany Mathiowetz, Marketing Specialist, brittany@easystand.com

**Booths # 214, 216**
EasyStand® is the unsurpassed pioneer of standing technology. For over twenty years, Altimate Medical has been perfecting standing devices by listening to customers. Standing is all we do – and we offer the widest array of sizes and options, including the unique “active standing” EasyStand Glider. Today, tens of thousands of people worldwide, who would otherwise be limited to a wheelchair, are enjoying a higher quality of life using our standers. Therapists recommend EasyStand for the medical benefits, and we are inspired by the voices and smiles of our customers.

**EdgePark Medical Supplies / UroMed**
1810 Summit Commerce Park
Twinsburg, OH 44087
(866) 528-2142
Bob Recker, Assistant Director, robert.recker@cardinalhealth.com

**Booth # 417**
We are a leading nationwide provider of home-delivered catheters, incontinence supplies and more. We make ordering easy by handling all the paperwork and providing fast, free delivery. Plus we accept over 1,300 health plans, traditional Medicare and select Part C, State Medicaid and Managed Medicaid plans, to maximize* patients’ benefits and save them money. Let us show you how our knowledgeable product specialists and customer-focused services can help your patients live their best lives.

*Insurance coverage is subject to medical necessity and insurance guidelines.

**FacingDisability.com / Hill Foundation**
737 N. Michigan Ave, Suite 1560
Chicago, IL 60611
(312)284-2526 Anne Hambleton, Assistant Director, ahambleton@facingdisability.com

**Booth # 101**
FacingDisability.com is an effective, new spinal cord injury intervention created for an online world. It provides information and support to people with spinal cord injuries and their families by bringing users face-to-face with the voices of experience. The website contains more than 2,000 videos of family members answering real-life questions about how they cope with a spinal cord injury, as well as interviews with numerous top SCI experts. The website provides extensive listings of SCI resources, and also connects families by making peer
counseling available. Connecting with the experience of others often helps people find their own strength and support.

**GO! Mobility Solutions**
2100 N. Wilmore Rd, Suite 319
Tucson, AZ 85712
(520) 582-0014 Eric Goldstein, CEO, rick@goesanywhere.com

**Booth # 102**
GO! Mobility Solutions’ product line enables physically-challenged individuals to bathe and toilet conveniently, comfortably and safely at home or wherever they’d like to go, whenever they want to go. When the user wants, or has to travel, he or she may easily fold, pack and tow the GO-Anywhere Commode ‘n Shower Chair away in its wheeled carrying case. Constructed of anodized, lightweight aircraft-grade aluminum, the GO-Anywhere Chairs are safe, durable, easy to use, comfortable and maintenance free. We ship worldwide and customer service is second to none!

**Greenville Health System**
Grove Road
Greenville, SC 29615
(864) 797-6240 Tina Owens, Physician Recruiter, townes2@ghs.org

**Booth # 120**
Greenville Health System is a progressive and highly integrated health care system committed to medical excellence through clinical care, education and research. GHS employs 15,000+ people, including 1,000+ physicians. Our system includes excellent clinical facilities with 1,662 beds across 7 campuses. We offer 15 residency and fellowship programs in and have one of the newest allopathic medical schools in the nation. GHS has also developed a unique Clinical University model in collaboration with local universities to provide the academic and research infrastructure and support needed to become a leading academic health center for the 21st century.

**Hill-Rom**
1069 SR46E
Batesville, IN 47006
(812) 931-2455 Teri Nobbe, Exhibit Manager, teri.nobbe@hill-rom.com

**Booth #s 103, 105**
Hill-Rom is a leading worldwide manufacturer and provider of medical technologies and related services for the health care industry, including patient support systems, safe mobility and handling solutions, non-invasive therapeutic products for a variety of acute and chronic medical conditions, medical equipment rentals, surgical products and information technology solutions.

**Hocoma Inc.**
77 Accord Park Drive, Suite D-1
Norwell, MA 02061
(877) 944-2200 Maryellen Walsh, Sales & Marketing Assistant, maryellen.walsh@hocoma.com

**Booth # 408**
Hocoma is the global market leader for the development, manufacturing and marketing of robotic and sensor-based devices for functional movement therapy.

We develop all of our innovative therapy solutions in close cooperation with leading clinics and research centers. The product range features devices for intensive gait therapy (Lokomat™, Andago™), functional therapy of the upper extremities (Armeo®), early rehabilitation and patient mobilization (Erigo®) as well as functional movement therapy within low back pain treatment (Valedo®) at home and at the therapist.

Our products are applied successfully in renowned clinics and research institutes worldwide in the field of rehabilitation medicine.

**Hollister Incorporated**
2000 Hollister Dr
Libertyville, IL 60048
(847) 680-1000 Joshua Siegel, Associate US Product Manager, joshua.siegel@hollister.com

**Booth # 301**
Hollister Incorporated is an independently owned company that develops, manufactures, and markets healthcare products and services for ostomy care, continence care, critical care, and wound care. Hollister Incorporated is committed to making life more rewarding and dignified for people who use the company’s products and services. To learn more, visit Hollister.com

**Innovation In Motion**
201 Growth Parkway
Angola, IN 46703
(260) 665-2769 Ashley Archbold, Sales Associate, ashley@mobility-usa.com

**Booth # 411**
Innovation In Motion is the North American distributor for adventure. We take people where they want to go...indoors and outdoors. Ormesa’s products offer strollers, gait trainers, and standers for children and adults. Magic Mobility power wheelchairs are aggressive-terrain units going through sand, mud, gravel, cropland, woods, snow and uneven terrains.

**Invacare**
1 Invacare Way
Elyria, OH 44035
(440) 329-6494 Sandy Habecker, Training & Onboarding Specialist, shabecker@invacare.com

**Booth # 311**
Invacare Corporation is the global leader in the manufacture and distribution of innovative home and long-term care medical products and services that promote recovery and active lifestyles. The Company has more than 6,200 associates and markets its products in approximately 80 countries around the world. Here you will have access to the Company’s latest news information, including new product introductions, earnings statements and more.

**Kessler Institute for Rehabilitation & Kessler Foundation**
1199 Pleasant Valley Way
West Orange, NJ 07092
(973) 243-6879 Gail Solomon, Vice President, Communications and Brand Management, gsolomon@kessler-rehab.com

**Booth # 205**
Kessler Institute, a pioneer in medical rehabilitation since 1948, continues to lead this field through the integration of patient-focused care, advanced treatment and leading-edge technologies. Ranked as one of America’s Best Rehabilitation Hospitals by U.S. News & World Report for 25 years, Kessler Institute, in collaboration with Kessler Foundation, is one of only nine centers to be federally designated as a Model System for the treatment and research of both spinal cord and traumatic brain injuries. That same level of innovative care distinguishes Kessler’s comprehensive rehabilitation programs for individuals with stroke, neurologic diseases, amputation, orthopedic trauma, cancer and cardiac conditions.
Kessler Foundation, a major nonprofit organization in the field of disability, is a global leader in rehabilitation research that seeks to improve cognition, mobility, and long-term outcomes—including employment—for people with neurological disabilities caused by diseases and injuries of the brain and spinal cord. Kessler Foundation leads the nation in funding innovative programs that expand employment opportunities for people with disabilities.

**Ki Mobility**

5201 Woodward Drive  
Stevens Point, WI 54481  
(715) 254-0991 Brehanna Schneider,  
Marketing Coordinator, Bschneider@kimobility.com

**Booth # 217**

From agility and maneuverability to structural integrity, we are dedicated to developing best-in-class seating and mobility products that provide optimal performance, experience & value to our customer. We recognize that in today's market, service is part of the product and that a great product experience-for customers and the people we serve-lasts a lifetime. What makes the experience extraordinary is how well it fits the needs and ambitions of the person using it. Our service and product lines ensure that each individual story matters. We are here to support you. And we don't just make wheelchairs. We make wheelchairs better. Discover for yourself at www.kimobility.com

**Kinova Robotics**

11469 Olive Blvd., Suite 127  
St. Louis, MO 63141  
(314) 324-2470  
Ron Borgschulte, Sales, ron@partnersinmed.com

**Booth # 204**

Kinova created and manufactures a robotic arm designed for people living with limited upper body mobility. Kinova empowers people with disabilities to push beyond their current boundaries and limitations by becoming less dependent and enjoy an improved quality of life, enhanced feeling of independence and improved confidence in their ability to go about their daily lives. The arm is mounted to the side of the seat frame and is operated through the same control system that operates the power wheelchair. The arm has been designed to accomplish many tasks of daily life. Only your imagination and willingness limit what you can achieve!

**Mary Free Bed Rehabilitation Hospital**

235 Wealthy Street SE  
Grand Rapids, MI 49503  
(616) 840.8000 Darci Luyk, Director of Physician Relations, darci.luyk@maryfreebed.com

**Booth # 112**

Mary Free Bed Rehabilitation Hospital is a 167-bed, free-standing, rehabilitation hospital committed to helping patients regain independence following serious injury or illness. Our state-of-the-art facility features leading-edge technology. We are the fifth-largest rehabilitation hospital in the nation and the fourth-largest rehabilitation system in the world, offering a full range of resources for a short course of treatment or a lifetime of care. We provide acute and sub-acute inpatient rehabilitation, comprehensive outpatient services and home care, plus specialized programs. Comprehensive services and an exclusive focus on rehabilitation enables specialty physicians and staff to achieve outstanding clinical outcomes.

**Mayo Clinic**

200 First Street SW  
Rochester, MN 55905  
(507) 266-5236 Julie Cornelius,  
Marketing Specialist, Cornelius.Julie@mayo.edu

**Booth # 208**

Mayo Clinic Spinal Cord Injury Program provides inpatient, outpatient and lifelong care for children and adults. Our hallmark comprehensive team approach to patient care with spinal cord subspecialty trained physiatrists, rehabilitation nurses and therapists achieve high quality, high value patient experience and outcomes. Our program has been CARF accredited for over 25 years. Our clinical program includes advanced assistive technology to enhance function activities, locomotor training program, spasticity management, and diaphragmatic pacing evaluation for ventilator dependent patients. Research is focused on cutting edge interventions such as spinal stimulation, nerve regeneration and exoskeleton outcomes.

**Medical Technologies of Georgia, Inc.**

15151 Prater Drive, Suite E  
Covington, GA 30014  
(888) 511-4239 Randy Golden, Director of Sales and Marketing, rgolden@medtechga.com

**Booth # 200**

Do your patients struggle to successfully self-catheterize due to poor hand dexterity? If so, please stop by and meet with Medical Technologies of Georgia, in Booth 200 to see our new, breakthrough MTG Eagle® Board. From clothing removal to urine drainage, all required restroom tasks are now possible with this revolutionary, reusable device. Specializing in easy-to-use, innovative catheters, closed systems, and assistive devices, MTG products are designed to reduce UTI recurrence and enable intermittent catheterization by higher level SCI patients.

**Medtronic**

710 Medtronic Parkway  
Minneapolis, MN 55432  
(651) 325-8968 Jennifer Ligday, Society Relations Manager, jennifer.l.ligday@medtronic.com

**Booth # 302**

As a global leader in medical technology, services and solutions, Medtronic improves the lives and health of millions of people each year. We use our deep clinical, therapeutic and economic expertise to address the complex challenges faced by healthcare systems today. Let’s take healthcare Further, Together. Learn more at Medtronic.com.

**Merz North America**

6501 Six Forks Road  
Raleigh, NC 27615  
(919) 582-8033 Chandler Beason,  
Convention Services Coordinator, chandler.beason@merz.com

**Booth # 202**

Merz Neurosciences is a division of Merz North America and is deeply committed to offering novel therapeutic options that address the largely unmet medical needs that exist within the area of neuroscience. Merz Neurosciences is an important contributor to the U.S. neuroscience space and offers a portfolio that includes the neurotoxin Xeomin® (incobotulinumtoxinA), the anticholinergic Cuvposa® (glycopyrrrolate) Oral Solution and the Prolaryn® injectable
Model Systems Knowledge Translation Center (MSKTC)
1000 Thomas Jefferson Street, NW
Washington, DC 20007
(202) 403-5600 Cynthia Overton, Co-Project Director, coverton@air.org

Booth # 118
The Model Systems Knowledge Translation Center (MSKTC) is a federally-funded center that offers free factsheets, videos, slideshows, and other resources for people living with spinal cord injury (SCI), traumatic brain injury (TBI), and burn injury (Burn). All resources are based on the work Model System Centers researchers and are available at no charge. The MSKTC and Model Systems researchers are funded by the National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR), U.S. Department of Health and Human Services. Visit www.msktc.org to view our free resources, subscribe to our newsletter, and connect to MSKTC social media channels!

Motion Composites
160 Armand-Majeau Sud
Saint-Roch-de-l’Achigan, QC J0K3H0
Canada
(303) 619-3528 Brian Rourke, US National Sales Manager, b.rourke@motioncomposites.com

Booth # 319
Eric Simoneau and David Gingras, co-founders of Motion Composites, started the process of designing a better manual wheelchair while they attended college. They both recognized lightweight manual wheelchairs at the time were heavy and inefficient. Eric and David assembled a team of aerospace engineers, clinicians, and industrial designers to produce a highly responsive and efficient lightweight manual wheelchair.

Deploying the world’s most advanced technology, high-end materials and cutting-edge engineering, Motion Composites launched the first Helio wheelchair in 2008. In the process, it revolutionized how people think about wheelchair.

Today Motion Composites is the leading company with 6 distinctive wheelchair models.

Numotion
155 Franklin Road, Suite 100
Brentwood, TN 37027
(800) 500-9150 Hayley Runion, Senior Marketing & Comm's Specialist, hayley.runion@numotion.com

Booth # 114
Numotion is the nation’s leading provider of Complex Rehab Technology (CRT). Headquartered in Brentwood, TN, Numotion has 130+ branch locations across the country, and serves more than 250,000 people annually. Numotion is a convenient single resource for a wide spectrum of mobility needs including CRT products and accessories, innovative lifestyle enhancement products, service and repair, education and Medical Supplies.

Nuprodx Inc.
889 Hayes Street
Sonoma, CA 95476
(707) 838-8578 Mark Homchick, Director of Sales and Marketing, mark@nuprodx.com

Booth # 414
Nuprodx designs and manufactures innovative bathroom equipment to increase the independence of seniors and folks with disabilities. Our multiCHAIR series commode / bath / shower chairs and patented tub-slider systems increase safety by reducing or eliminating risky transfers. With their modular design, they’re strong for everyday use and light and portable for travel use everywhere. And, being proudly “Made In The USA” in our Livermore, CA facility, only Nuprodx can do custom work for hard-to-fit clients.

Parker Hannifin Corporation / Indego
1390 E. Highland Rd
Macedonia, OH 44056
(216) 225-9759 Stefan Bircher, Global Market Development Manager, stefan.bircher@parker.com

Booth # 409
Indego® is an exoskeleton which allows gait impaired individuals to stand up and walk again thanks to powered hip and knee joints in conjunction with sensor technology and sophisticated control strategies. Indego can be used as a therapy tool or as a mobility assistive device for individuals who can take the device home. Clinicians appreciate the possibility to conduct over ground, task specific and intensive gait training with a wide array of partial mobility impaired individuals. Patients like the modular concept which allows for self-donning and doffing and an intuitive use of the device.

Permobil
300 Duke Drive
Lebanon, TN 37090 (800) 736-0925
Joshua Anderson, VP Marketing, mandie.brown@permobil.com

Booth #s 108, 110
This year of 2017 marks the golden jubilee of Permobil. It’s crazy to believe that 50 years ago, Permobil was founded with the idea that what people can achieve should never be a question of ability and we have the technology to make this dream possible. This belief is the very foundation of each of our brands – Permobil, TiLite and ROHO.

Piramal Critical Care
3950 Schelden Circle
Bethlehem, PA 18017
(610) 974-9760 Allyson Jubert, Key Account Manager, West, allyson.jubert@piramal.com

Booth # 418
Gablofen® is the only FDA-approved Intrathecal Baclofen in Prefilled syringes and factory-sealed vials. It offers a customized treatment for severe spasticity in patients 4 years of age and older that do not see relief or have side effects from oral baclofen. Do not suddenly stop using Gablofen®. See full PI

Pneumex
2605 N. Boyer Ave
Sandpoint, ID 83864
(208) 265-4105 Karin Cook, CEO/Owner, karin@pneumex.com

Booth # 403
Pneumex is a biomechanical solutions company founded in 1987 that designs, develops and deploys non-surgical, proven programs and equipment. A family owned business with small town values, Pneumex manufactures and distributes world class unweighting and vibration products, posture correction tools, and therapeutic protocols for rehabilitation, fitness, and performance training.

implant family of products. To learn more about Merz Neurosciences and their U.S. product portfolio, please visit www.merzusa.com/neurosciences.
Gerry Cook, co-founder of Pneumex, is renowned for his innovative products used by hundreds of Physical Therapists, Chiropractors, and Athletic Trainers. We support our partners with turnkey solutions resulting in effective, repeatable, and measurable outcomes. As a leading provider of rehabilitation technologies we take pride in offering the most up to date protocols.

**Private Funding for Spinal Cord Injuries**

583 Skippack Pike, Suite 500
Blue Bell, PA 19422
(800) 331-4134 Joseph Romano, Attorney/Advocate, info@josephromanolaw.com

**Booth # 115**
Joseph Romano is an attorney/advocate who represents pediatric and adult trauma patients. Mr. Romano developed the first program in the country to provide funding for trauma patients.

Private Funding for Spinal Cord Injuries provides options for children and adults with SCI. When a patient suffers a traumatic injury, the prolonged recovery can substantially affect their household income making it difficult for families to pay for extended rehabilitation, therapies, mortgage/rent, and household expenses. Private Funding for SCI supplements health insurance benefits and assists individuals who are underinsured or have no insurance and aids health care providers in prompt discharge planning options.

**QLI**
6404 N 70th Plaza
Omaha, NE 98104
(402) 573-3783 Trisha Funk, Clinical Admissions Liaison, tfunk@qliomaha.com

**Booth # 117**
QLI is among the nation's largest and leading providers for spinal cord and brain injury. QLI's Tri-Dimensional Rehabilitation® model focuses on providing excellent medical care and restoration of functional skills, while building hope and optimism for the future after a catastrophic injury. Our unique clinical model, first-class facilities, state-of-the-art technology, dedicated staff, and leading clinical expertise consistently produce outcomes and satisfaction ratings that lead the industry.

For more information contact: Patty Sanderson, Admissions Coordinator, at (402) 573-3748 or visit our website at www.QLIomaha.com.

**Quantum Rehab**
182 Susquehanna Ave
Exeter, PA 18643
(800) 800-8586 ext 1474 Diane Ruggiero, Event Planning Coordinator, druggiero@pridemobility.com

**Booth # 201**
Quantum Rehab® is a premier global innovator of consumer-inspired complex rehab products, including the Q6 Edge® 2.0 and Quantum Series of power bases, iLevel® seat elevation technology, TRU-Balance® 3 Power Positioning Systems, Q-Logic 2 Drive Control System, Synergy® Cushions and Backs, and Stealth® Products positioning components. Please visit www.QuantumRehab.com.

**RAZ Design, Inc.**
22 Howden Road
Toronto, ON M1R3E4
Canada
(877) 720-5678 Brian Rourke, Director of US Sales, brourke@razdesigninc.com

**Booth # 315, 317**
Raz is a North American-based company that designs and manufactures a complete range of rehab shower-commode chairs. Our industry-leading products provide unparalleled accessibility, quality, comfort, and functionality. Raz seats are designed to reduce sitting interface pressures and thereby reduce the risks of pressure injuries. For more information visit our website at http://razdesigninc.com/

**Restorative Therapies, Inc.**
1434 Fleet Street
Baltimore, MD 21231
(800) 609-9166 ext 345 Karen Bloom, Sales Admin Assistant, kbloom@restorative-therapies.com

**Booth # 109**
For more than a decade, Restorative Therapies has been developing innovative FES therapy systems to help people with neurological impairments or critical illness achieve their full recovery potential.

Our team of engineers, therapists and patient advocates provide our customers with:

- high-quality, technologically advanced FES medical devices,
- customizable FES to help patients achieve their goals,
- intensive educational programs at our FES Clinical Training Center in Baltimore,
- clinical and technical support and in-house reimbursement services.

All of our adult and pediatric FES systems are suitable for both clinic and home use. Let Restorative Therapies partner you into a new era of rehabilitation.

**Ride Designs**
8100 SouthPark Way, C400
Littleton, CO 80120
(303) 781-1633 Amanda Segebart, Sales and Marketing Coordinator, amandas@ride designs.com

**Booth # 421**
Ride Designs® is unique in being both a practicing seating clinic and manufacturer. Ride’s seating solutions originate from our clinic’s direct care of thousands of people with complex seating needs. A highly experienced team of therapists, orthotists, and engineers have translated clinical solutions into patented processes and innovative products.

Whether at work or play, for wheelchair users, healthy skin and efficient mobility is essential! Aspen Seating/Ride Designs® applies the patented methods of load isolation, we pioneered for wheelchair cushions, into sports and recreational equipment for everyone from weekend warriors to top Paralympic athletes. Our patented design helps promote healthy skin, while providing improved mobility, balance and control.

**Saol Therapeutics**
1000 Holcomb Woods Parkway, Suite 270
Roswell, GA 30076
(770) 274-2475 Aaron Johnston, Director of Marketing, ajohnston@saolrx.com

**Booth # 304**
Saol Therapeutics (pronounced “Sail”) is a privately held specialty pharmaceutical company focused on providing therapies to patients with unmet needs and rare diseases. The company currently markets therapies for the treatment of spasticity and has a strategic growth emphasis on the neurologic therapeutic area. For more information, visit www.saolrx.com.
Shepherd Center
2020 Peachtree Road
Atlanta, GA 30309
(404) 350-7340 Glenn Prescott, Nursing Program Manager/Clinical Recruitment, glenn_prescott@shepherd.org
Booth # 419
Shepherd Center, located in Atlanta, Georgia, is a private, not for profit hospital specializing in medical treatment, research and rehabilitation for people with spinal cord injury, brain injury, multiple sclerosis, spine and chronic pain, and other neuromuscular conditions.

Shield HealthCare
27911 Franklin Parkway
Valencia, CA 91355
(661) 294-4200 Loraine Meneses, Marketing Assistant, lmeneses@shieldhealthcare.com
Booth # 415
Shield HealthCare specializes in disposable homecare medical supplies. Product lines include Incontinence, Enteral Nutrition, Ostomy, Urological and Wound Care supplies. Shield HealthCare maintains an outstanding reputation in customer service, quality products, reimbursement expertise and distribution. For more information, visit www.shieldhealthcare.com

Stealth Products
104 John Kelly Drive
Burnet, TX 78611
(615) 556-4841 Barry Steelman, Director of Marketing, barry@stealthproducts.com
Booth # 203
Stealth is a U.S. manufacturer with years of experience in the rehab market. Launched in 1999, Stealth Products began in response to a need for versatile, high quality head and neck positioning systems, as well as switch site location hardware. Today we have a team of more than 100 employees. Our product designers and engineers are able to produce any unique product requested.

Due to the industry’s growing needs, Stealth’s product line now includes: Head and Body Support/Positioning, Joystick Mounts, I-Drive alternative drive technology, Trays, Seating, and Pediatric Mobility products. Along with our excellent product line, we offer various training programs and top of the line customer service.

Stealth Products Solutions For Life

StimDesigns
32683 Coast Ridge Drive
Carmel, CA 93923
(831) 224-0982 Robert Hamilton, CTO, bhamilton@stimdesigns.com
Booth # 410
Galileo is a universal neuromuscular training tool improving muscle fitness, enhancing performance, and optimizing motor relearning under the principle of high-repetition in minutes. Unlike other muscle devices, Galileo provides intense muscle training by inducing reflexive muscle contractions. No other device provides this level of neuromuscular activity enhancing neuroplasticity.

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44 (0)2070176567 Mandy McCartney, Exhibitions Manager, mandy.mccartney@tandf.co.uk
Booth # 405
Taylor & Francis boasts a high calibre journals portfolio in medicine and healthcare. Answering your need for fast, convenient access to high-quality, high-impact scientific research. Explore the full portfolio at tandfonline.com

The Christopher & Dana Reeve Foundation
636 Morris Turnpike
Short Hills, NJ 07078
(973) 933-7212 Aida Rivera-Dobson, Outreach Coordinator, arivera-dobson@christopherreeve.org
Booth # 314
The Christopher & Dana Reeve Foundation is dedicated to curing spinal cord injury by funding innovative research, and improving the quality of life for people living with paralysis through grants, information and advocacy. The Paralysis Resource Center (PRC) promotes the health, well-being, and independence of people living with paralysis, a spinal cord injury, or mobility impairment as well as their caregivers and families by providing FREE comprehensive information, resources, and referral services in order to achieve a better quality of life.

United Spinal Association
120-34 Queens Blvd
Kew Gardens, NY 11415
(718) 803-3782 Nick LiBassi, VP of Partnership Expansion, nlibassi@unitedspinal.org
Booth # 305
United Spinal Association (USA) was founded in 1946 by a group of paralyzed WWII veterans in NY City, who advocated for greater civil rights and independence for people with SCI/D. We believe that despite living with SCI/D, a full, productive, and rewarding life is within the reach. USA is the largest non-profit dedicated to helping people with SCI/D. We are committed to providing active-lifestyle information, peer support and advocacy that empower individuals to achieve their highest potential in all facets of life. With over 40,000 members and 50 Chapters we are dedicated to protecting the rights of people with SCI/D.

University of Utah
50 North Medical Drive
Salt Lake City, UT 84132
(801) 587-0232 Jamie Jacobson, Project Coordinator PM&R, jamie.jacobson@hsc.utah.edu
Booth #s 400, 402
The University of Utah Rehabilitation Center is a 38 bed inpatient program with CARF Specialty accreditation for Spinal Cord Injury, Traumatic Brain Injury and Stroke Care. Our Spinal Cord Injury Program is the only CARF accredited program in Utah and provides the most comprehensive rehabilitation program in the region. In addition, University of Utah Health offers several options for continuing your personalized care following rehabilitation:

- Outpatient rehabilitation with specialty programs for assistive technology and wheelchair mobility
- Community reintegration
- Medical outpatient and follow-up care
- Comprehensive Spasticity Management
- Wellness programs
- Technology Recreation Access Independence Lifestyle Sports

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<td>Janet M. Dean, MS, RN, CRRN, CRNP</td>
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<td>Clinton Devin, MD</td>
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<td>Lisa Duncan, RN, MSN/ED, CRRN</td>
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jpiriano@quantumrehab.com
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Booth #408

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Medical Director - Spinal Cord Injury Program

Greenville, SC

Greenville Health System (GHS), the largest healthcare provider in South Carolina, seeks a Medical Director for our Spinal Cord Injury Program at Roger C. Peace Rehabilitation Hospital. The physician will join 4 Physiatrists and a supportive staff providing inpatient and outpatient services. The Spinal Cord Injury Program is CARF accredited as well as additional subspecialty areas of Brain Injury, Stroke and Amputation; and is recognized as the State leader in rehabilitation. Roger C. Peace Rehabilitation Hospital is the first rehabilitation hospital in South Carolina and is physically attached to Greenville Health System’s flagship acute care hospital - Greenville Memorial. The facilities include a U.S. Paralympic Sport Club and training site. Roger C. Peace is proud research partners with Clemson University and The University of South Carolina School of Medicine- Greenville.

The ideal candidate is a Physical Medicine and Rehabilitation physician fellowship trained in Spinal Cord Injury who has an interest in providing inpatient and outpatient services to the SCI population as well as an interest in research and teaching. Spasticity management skills, including Baclofen Pumps, are preferred.

GHS employs 15,000 people, including 1000+ physicians on staff. Our system includes clinically excellent facilities with 1,662 beds on 7 campuses. GHS currently hosts 15 residency and fellowship programs and a 4-year medical education program: University of South Carolina School of Medicine-Greenville, located on GHS’ Greenville Memorial Medical Campus. We also have a separate research facility.

Greenville, South Carolina is a beautiful place to live and work and the GHS catchment area is 1.3 million people. Greenville is located on the I-85 corridor between Atlanta and Charlotte, and is one of the fastest growing areas in the country. Ideally situated near beautiful mountains, beaches and lakes, we also enjoy a diverse and thriving economy, excellent quality of life and wonderful cultural and educational opportunities.

We are a Public Service Loan Forgiveness (PSLF) Program Qualified Employer!

Greenville Health System is an equal opportunity employer which proudly values diversity. Candidates of all backgrounds are encouraged to apply.

Qualified applicants should send a letter of interest and current CV to In-house Physician Recruiter, Tina Owens, towens2@ghs.org, 864-797-6240.
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Kelsey Potter-Baker, PhD

JAYANTHI CHARITABLE FOUNDATION (JCF)
The Jayanthi Charitable Foundation was established in 1998 by Jay Subbarao M.D., M.S., past president of APS, in memory of his parents and his brother who were major source of inspiration and support to his career.

One of the objectives of the foundation is to encourage and support the dedication of professionals to the care of individuals with disabilities. JCF is partially supporting the distinguished lecture to be presented this morning, and we are very thankful for their support.
ASCIP INSTITUTIONAL / CORPORATE MEMBERSHIP

WHY JOIN?

COMMITMENT. Demonstrate your company’s commitment to spinal cord injury and disease professional enhancement, education and research.

SUPPORT. Institutional and corporate contributions help support continuing education programs, the educational conference and publication costs of the JSCM.

AWARENESS. Recognition at the educational conference and on the ASCIP website provides gained exposure to SCI/D professionals. Over 60,000 people visit the ASCIP website annually and over 700 professionals participate in the annual educational conference.

BENEFITS. Benefits vary upon level of membership and include individual memberships, conference registrations, advertising, a JSCM subscription and more.

SIGN UP TODAY!
Contact: Destiny Nance-Evans
dnance-evans@firminc.com
217-321-2480 ext. 124
2018 ASCIP EDUCATIONAL CONFERENCE & EXPO

New Orleans
September 2-5, 2018
New Orleans Marriott