Welcome to the Paralyzed Veterans of America (PVA) 9th annual Healthcare Summit and Expo. We are excited to have over 500 health care professionals in attendance this year in beautiful Orlando, Florida.

Each year, we strive to bring you the latest in research, technology and best practices in the field of spinal cord injury and disorders (SCI/D), and neurological diseases like multiple sclerosis (MS) and amyotrophic lateral sclerosis (ALS). Thanks to your attendance and support each year, this conference has grown to be one of the premiere educational conferences of its kind.

PVA continues to be a leader in SCI/D health care advocacy, education, and research, and a vital part of that leadership is advocating for health care professionals who provide care across the country. We know that quality health care directly affects quality of life, which is why we continue to invest in you, the clinicians who care for our most catastrophically injured veterans and other individuals living with SCI/D, MS and ALS.

Our Healthcare Summit is forward-focused on ways to support new therapies, treatments and potential cures for paralysis, as well as advancements in care. Over the next three days, we hope you will take advantage of the many opportunities to learn about the newest health care innovations and services, and interact with sponsors and exhibitors, but most of all to interact with each other—your peers in providing excellent health care to veterans and others living with SCI/D.

On behalf of PVA’s Board of Directors and staff, welcome again to the 9th annual Healthcare Summit and Expo. We thank you for your attendance and your commitment to maintaining the highest standards of specialized care for our nation’s veterans and others living with SCI/D and neurological diseases. Together, we can greatly improve care for individuals living with paralysis.

Sincerely,

David Zurfluh
National President
Paralyzed Veterans of America
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**PHOTOGRAPHY, SOUND AND VIDEO RECORDING IN PROGRESS**

Your attendance and participation at this Paralyzed Veterans of America event constitutes your consent and release to be photographed or recorded on audio or video media during the event. Such photographs, audio recording, or videography may be published, exhibited or displayed in printed or electronic form for purposes of promotion, marketing, education or publicity by Paralyzed Veterans of America, or by third parties to whom Paralyzed Veterans of America provides such photographs, sound or video recordings. By attending and participating in this event, you grant your consent to, and unconditional release and waiver against liability for the use of your likeness, image or sound of your voice, to Paralyzed Veterans of America or such third parties.
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Gold

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First Nation Group  Genentech  Novartis

Quantum  Stealth Products  Permobil

Silver

3M  Invacare

Event Sponsors

USAA  Wellspect
The Department of Veterans Affairs (VA) provides assistance and benefits for veterans with ALS. This includes access to treatment with RADICAVA®, which is on the VANF, subject to National Prior Authorization criteria.

To be eligible for treatment with RADICAVA®, veterans must be cared for by a VA neurologist or VA-purchased-care neurologist.

For more information about VA assistance and benefits, visit VA.gov or contact your local VA medical facility.

RADICAVA® (edaravone) is on the VA National Formulary (VANF)

RADICAVA® is the only FDA-approved treatment option for ALS shown to slow the loss of physical function in a clinical trial.a

3700+
patients treated with RADICAVA®
in the US as of March 31, 2019

67%
of patients stay on RADICAVA®
for at least 6 months

Based on data collected from August 2017-January 2019.

The Department of Veterans Affairs (VA) provides assistance and benefits for veterans with ALS. This includes access to treatment with RADICAVA®, which is on the VANF, subject to National Prior Authorization criteria.

To be eligible for treatment with RADICAVA®, veterans must be cared for by a VA neurologist or VA-purchased-care neurologist.

For more information about VA assistance and benefits, visit VA.gov or contact your local VA medical facility.

Indication
Radicava® (edaravone) is indicated for the treatment of amyotrophic lateral sclerosis (ALS).

Important Safety Information
Before you receive Radicava®, tell your healthcare provider about all of your medical conditions, including if you:

• have asthma.
• are allergic to other medicines.
• are pregnant or plan to become pregnant. It is not known if Radicava® will harm your unborn baby.
• are breastfeeding or plan to breastfeed. It is not known if Radicava® passes into your breast milk. You and your healthcare provider should decide if you will receive Radicava® or breastfeed.

Tell your healthcare provider about all the medicines you take, including prescription and over-the-counter medicines, vitamins, and herbal supplements.

What are the possible side effects of Radicava®?

• Radicava® may cause serious side effects, including hypersensitivity (allergic) reactions and sulfite allergic reactions.
• Hypersensitivity reactions have happened in people receiving Radicava® and can happen after your infusion is finished.

• Radicava® contains sodium bisulfite, a sulfite that may cause a type of allergic reaction that can be serious and life-threatening. Sodium bisulfite can also cause less severe asthma episodes in certain people. Sulfite sensitivity can happen more often in people who have asthma than in people who do not have asthma.
• Tell your healthcare provider right away or go to the nearest emergency room if you have any of the following symptoms: hives; swelling of the lips, tongue, or face; fainting; breathing problems; wheezing; trouble swallowing; dizziness; itching; or an asthma attack (in people with asthma).
• Your healthcare provider will monitor you during treatment to watch for signs and symptoms of all the serious side effects.

The most common side effects of Radicava® include bruising (contusion), problems walking (gait disturbance), and headache. These are not all the possible side effects of Radicava®. Call your healthcare provider for medical advice about side effects. You may report side effects to Mitsubishi Tanabe Pharma America, Inc. at 1-888-292-0058 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

Please see brief summary of full prescribing information on next page.
PARALYZED VETERANS OF AMERICA HEALTHCARE SUMMIT+EXPO HAS GONE MOBILE!

The app is the go-to resource for information about events, speakers and more. It offers real-time schedule updates, product theater time and topics, and an expo floor plan for locating exhibitors/sponsors. Important notifications will be sent out via the app throughout the event.

- Go-to Resource for Summit Information
- Interactive Expo Guide and Floor Plan
- Real-time Schedule Updates
- Notifications Throughout the Week

NEW! Get your GAME on with the new Expo Photo Scavenger Hunt. Snap photos at the booths via the mobile app to be entered for a chance to win prizes. More details can be found on the App. Photo scavenger hunt called CLICK.

Search for “Paralyzed Veterans of America”

Available on the Google play  Download on the App Store
Summit Planning Team

Summit Program Committee

Paul Gutierrez, MD, MS
New Mexico VA Healthcare System
Program Committee Chair

Rebecca Coffin, PhD, RN
Paralyzed Veterans of America

Jennifer Gaoteote, RN
VA Palo Alto Health Care System

Jodie Haselkorn, MD, MPH
MS Center of Excellence - West

Maureen Jennings, PT, DPT, NCS
VA Long Beach Healthcare System

Bill Lawson
Paralyzed Veterans of America

Kenneth Lee, MD
Clement J. Zablocki VAMC

Terry Lee-Wilk, PhD
VA Maryland Health Care System

Heidi Maloni, PhD, ANP-BC,
MSCN, CNRN
MS Center of Excellence - East

Amanda Milisits, MPA, BSN, RN
Paralyzed Veterans of America

Steve Mitchell, OTR/L, ATP
Cleveland VA Medical Center

Jeri Muse, PhD, DAAPM
VA San Diego Health Care System

Huned Patwa, MD
Yale University

Jeanine Penzo, LICSW, MSW
VA Boston Healthcare System

Cheryl Vines, MS
Paralyzed Veterans of America

Paralyzed Veterans of America Summit Task Force

Cheryl Vines, MS
Summit Task Force Co-Chair

Shaun Castle
Rebecca Coffin
Jonathan Franklin

Jackie Hajji
Amanda Milisits
Lani Poblete

Marisa Ramos
Rebecca Troha

Conference Registration Desk Hours

Wednesday, August 14
12:00 p.m.–7:00 p.m.

Thursday, August 15
7:00 a.m.–8:00 a.m.
10:00 a.m.–5:00 p.m.

Friday, August 16
10:00 a.m.–5:00 p.m.

Saturday, August 17
10:00 a.m.–2:00 p.m.
## Sponsors & Exhibitors

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**WEDNESDAY, AUGUST 14:** 12:00 p.m.–7:30 p.m.

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**THURSDAY, AUGUST 15:** 10:00 a.m.–3:30 p.m.

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<td>12:00–1:30 p.m.</td>
<td>Lunch (Expo Open)</td>
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<td>3:00–3:30 p.m.</td>
<td>Coffee Break (Expo Open)</td>
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**FRIDAY, AUGUST 16:** 10:00 a.m.–8:30 p.m.

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<td>10:15–10:30 a.m.</td>
<td>Coffee Break (Expo Open)</td>
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<tr>
<td>12:00–1:30 p.m.</td>
<td>Lunch (Expo Open)</td>
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<tr>
<td>3:00–3:30 p.m.</td>
<td>Coffee Break (Expo Open)</td>
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<td>3:30–5:00 p.m.</td>
<td>Exhibitor Move-Out</td>
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<td>6:30–8:30 p.m.</td>
<td>Healthcare Appreciation Reception</td>
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*Schedule subject to change*

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**Wellspect HealthCare, 880 Apollo Street, Suite 200, El Segundo, CA 90245**

Contact us at: 1-877-456-3742, USinfo@wellspect.com or www.wellspect.us

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A REAL DIFFERENCE

Not all catheters are the same – LoFric® is the clear choice

- 0% trauma after 5-9 years with LoFric.²
- 10-20 times lower expected risk of strictures.³
- 64% lower expected risk of UTIs.⁴
- 48% lower expected risk of hematuria.⁵

CONTACT US FOR FREE SAMPLES:

1-877-456-3742

LoFric®
Paralyzed Veterans of America established the Clinical Excellence Awards in 2013 to recognize clinicians for exceptional professional achievement, contributions and advocacy for spinal cord injury/disorders and multiple sclerosis health care.

Awards are given in the following categories: (1) physician, (2) registered nurse, (3) psychologist, (4) therapist (physical, occupational, kinesiology, or recreational) and (5) nursing leadership. Recipients are nationally recognized in their profession, have demonstrated outstanding leadership, and demonstrate excellence in the care and/or advocacy for care of persons with spinal cord injury/disorders or multiple sclerosis.

**2019 CLINICAL EXCELLENCE AWARD WINNERS**

**Physician Award**
Steven W. Brose, DO  
Chief, SCI/D Unit,  
Syracuse VA Medical Center

**Psychologist Award**
Ann Landes, PhD  
Team Psychologist,  
SCI/D Unit, Syracuse VA Medical Center

**Therapist Award**
Joyce Casey, CTRS  
Recreation Therapist,  
SCI/D Unit, Milwaukee VA Medical Center

**Nurse Award**
Elizabeth Tammaro, RN, CRRN  
Nurse, SCI/D Unit,  
VA Boston Healthcare System

**Nursing Leadership Award**
Jeannine Leonard, MSN, RN  
Chief Nurse, SCI/D Unit,  
Hampton VA Medical Center
Identification and Management of Cardiometabolic Risk after Spinal Cord Injury

Clinical Practice Guideline for Health Care Providers

Paralyzed Veterans of America works collaboratively with the Consortium on SCI Medicine, a collaboration of representatives from professional and consumer organizations to develop and disseminate evidence-based SCI clinical practice guidelines and companion consumer guides. The mission of the Consortium is to improve the health care and quality of life for veterans and others living with SCI.

For more information, contact: foundations@pva.org or 202.416.7611
How to Claim CE Credit

Please visit the website address provided below to record your attendance, evaluate presentations and print certificates.

1. Please ensure that you are using an updated web browser and have cookies and JavaScript enabled.
2. Please go to pva.cds.pesgce.com.
4. On the login page, enter your e-mail address and desired password.
5. Complete or verify/correct your demographic information and select your profession. You may select multiple professions. Click Submit.
6. Select a session for which you are claiming credit by clicking on the grey box with the session title.
7. Complete the session evaluation; then click Submit.
8. Repeat this process for each session you attended. After evaluating all sessions you attended, you must complete the Overall Summit Evaluation to receive your CE Certificate.
9. When you have completed all evaluations you can download your CE certificate. Your CE certificate will also be stored here for later retrieval.
10. The website is open for completing evaluations for 45 days.
11. Pharmacy CE records will be electronically submitted to CPE Monitor.

This event will be available to claim CE credit beginning August 15, 2019 and will remain open for 45 days (until October 3, 2019). Please be sure to complete the steps above within 45 days to receive CE credit for this activity. If you have any questions, please contact us at cds_support+PVA@affinityced.com. Thank you.
## WEDNESDAY, AUGUST 14

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<td>8:00 a.m.–1:00 p.m.</td>
<td><strong>MSCOE - EAST MEETING (ZANDER)</strong></td>
<td><strong>CONFERENCE WORKSHOPS</strong></td>
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<td>3:00–5:00 p.m.</td>
<td><strong>Workshop 1 (Track 1)</strong> SCI 101; ALS 101; MS 101: Nuts and Bolts of Understanding and Managing SCI&amp;D</td>
<td>Paul Gutierrez, MD, MS Huned Patwa, MD William Tyor, MD</td>
<td>MODERATOR:</td>
<td>MODERATOR: Amanda Milisits, MPA, BSN, RN</td>
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<td>12:00–4:00 p.m.</td>
<td><strong>Workshop 2 (Track 2)</strong> Battlefield Acupuncture in Action - Certification Course</td>
<td>Kenneth Lee, MD</td>
<td>MODERATOR:</td>
<td>Jeri Muse, PhD</td>
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<td>4:00–5:00 p.m.</td>
<td><strong>Workshop 3 (Track 2)</strong> AIS 101: AIS Made Ridiculously Simple</td>
<td>Kenneth Lee, MD</td>
<td>MODERATOR:</td>
<td>Jeri Muse, PhD</td>
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<td>10:00 a.m.–5:00 p.m.</td>
<td><strong>Workshop 4 (Track 3)</strong> Wheelchair Skills Assessment &amp; Training: A Hands-On Practical Workshop for SCI Clinicians</td>
<td>Kendra Betz, MSPT, ATP Lynn Worobey, PhD, DPT Rachel Hibbs, DPT</td>
<td>MODERATOR:</td>
<td>Steve Mitchell, OTR/L</td>
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<tr>
<td>5:00–7:30 p.m.</td>
<td><strong>WELCOME RECEPTION (EXPO HALL) OCEANS BALLROOM 1-8</strong></td>
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## THURSDAY, AUGUST 15

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<td><strong>PRODUCT THEATER: Novartis (Track 2)</strong> • Breakfast Provided</td>
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<td>7:15–8:00 a.m.</td>
<td>Continental Breakfast (Crystal Ballroom Pre-Function)</td>
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<td>8:00–8:15 a.m.</td>
<td><strong>OPENING REMARKS (TRACK 1)</strong></td>
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<td></td>
<td>David Zurfluh, National President, Paralyzed Veterans of America</td>
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<td>Carl Blake, Executive Director, Paralyzed Veterans of America</td>
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<tr>
<td>8:15–8:45 a.m.</td>
<td><strong>ADVOCACY–CLINICAL EXCELLENCE AWARDS</strong></td>
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</table>
|               | Amanda Milisits, MPA, BSN, RN, Director of Medical Services, Paralyzed Veterans of America  
|               | Paul Gutierrez, MD, MS, Summit Program Committee Chair               |
| 8:45–10:00 a.m. | **KEYNOTE SPEAKER PLENARY SESSION**                                  |
| (1901)        | Repair and Regeneration of the Injured Spinal Cord - From Molecule to Man |
|               | Dr. Michael Fehlings, MD, PhD, FRCSC, FACS, Professor of Neurosurgery, University of Toronto |
| 10:00–10:30 a.m. | **COFFEE BREAK & EXPO/POSTER VIEWING (OCEANS BALLROOM 1-8)**          |
| (1902)        | Developing a Patient-Centered Measure of Caregiver Relationships      |
|               | Martin Forchheimer, MPP                                                |
| (1903)        | Family Caregiving for Veterans with Spinal Cord Injury - Stresses and Benefits |
|               | Susan Chari, PhD                                                       |
| MODERATOR:    | Stephen Yerkovich, MD                                                  |
| (1904)        | Prevention and Treatment of Blood Clots: What You Should Know         |
|               | Vincent Huang, MD                                                      |
| (1905)        | Low volume Polyethylene Glycol in Spinal Cord Injury Patients         |
|               | Undergoing Colon Cancer Screening Colonoscopy                         |
|               | Bradley Stein, PharmD                                                  |
| MODERATOR:    | Bill Lawson                                                            |
| (1906)        | The Diagnosis and Classification of Multiple Sclerosis                |
|               | Alexis Lizarraga, MD, MD                                               |
| (1907)        | The Current State of Disease Modifying Therapy Use in Multiple sclerosis |
|               | Eric Williamson, MD                                                   |
| MODERATOR:    | Heidi Maloni, DNP                                                      |
| (1908)        | Packing Your Parachute: The Value of a Proactive Psychosocial Focus for Veteran Care with ALS |
|               | Sheryl Fowler, LCSWR                                                    |
|               | Sarah Bernas, LMSW, ACHP-SW                                             |
| MODERATOR:    | Jeri Muse, PhD                                                         |
### Thursday, August 15 (Cont'd)

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<th>Time</th>
<th>Track 1 (Crystal ABC)</th>
<th>Track 2 (Crystal DE)</th>
<th>Track 3 (Oceans 9 &amp; 10)</th>
<th>Track 4 (Oceans 11 &amp; 12)</th>
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<tr>
<td>12:00–1:30 p.m.</td>
<td>Lunch Provided &amp; Expo/Poster Viewing (Oceans Ballroom 1-8)</td>
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<tr>
<td>12:00–1:00 p.m.</td>
<td>Product Theater: Mitsubishi Tanabe Pharma America (Track 2) • Lunch Provided</td>
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<tr>
<td>12:15–1:00 p.m.</td>
<td>Product Theater: First Nation Group and RespirTech (Track 3) • Lunch Provided</td>
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</table>
| 1:30 p.m.–3:00 p.m. | (1909) Update on Sexuality and Spinal Cord Injury  
Stanley Ducharme, PhD | (1911) Development of a Remote Basic Skills Assessment for Wheelchair Service Providers  
Satria Ardianuari, BSPO (ISPO) | (1913) MS Disease Modifying Therapy, Beyond the Basics  
Natalia Antonovich, PharmD  
Aunali S. Khaku, MD | (1914) Evaluation and Training in Use of Alternative and Augmentative Communication by Clinical Video Telehealth for Veterans with ALS  
Sarah Kiefer Luhring, MA, CCC-SLP, ATP, CBIS  
Lindsay James Riegler, PhD |
|               | (1910) Gender Differences in Depression Among Veterans with Spinal Cord Injury  
Catherine Wilson, PsyD, ABPP | (1912) Refinement and Initial Evaluation of a Mobility-in-Standing Manual Wheelchair  
Gary Goldish, MD  
Gregory Voss, BSME, MBA |                                                                                     | (1915) Communication Methods for the Veteran Diagnosed With ALS  
Heather VanMeter, MS, CCC-SLP |
|               |                                                                                     |                                                                                     | MODERATOR: Stephen Yerkovich, MD                                              | MODERATOR: Huned Patwa, MD |
| 3:00–3:30 p.m. | Coffee Break & Expo/Poster Viewing (Oceans Ballroom 1-8)                            |                                                                                     |                                                                               |                                                                                     |
| 3:30 p.m.–5:00 p.m. | (1916) Iatrogenically Induced Secondary Health Conditions (SHC) Among Civilians and Veterans with Spinal Cord Injury  
Michelle Meade, PhD  
James Krause, PhD | (1918) Tele-Mental Health Treatment with SCI/D Veterans: Using Technology to Increase Access  
Shelley Leiphart, PsyD | (1920) Symptom Management to Disease Modification in Multiple Sclerosis  
Gail Widener, PhD, PT  
Cinda Hugos, MS, PT | (1921) Spinal Cord Injury Annual Therapy Evaluation Through Telehealth: Improving Access, Efficiency and Veteran Satisfaction  
Jana LaMarca, OTD, ATP, MSCS  
Colin Lenington, OTD, OTR/L, ATP, CAPS  
Meghan Villalobos, RN |
|               | (1917) Practicing What We Preach: Whole Health Practice by SCI/D Clinicians to Prevent Job Stress/Burnout  
Jeanine Penzo, MSW, LICSW | (1919) Improving Access to Care: The Spinal Cord Injury Outreach Committee in Cleveland  
Valerie Fuellen, MSW, LISW-S, C-SWHC Frances McClellan, RN, MSN  
Broderick Flynn, BSN, RN |                                                                                     | (1922) Hacking the VA (Legally): Tips and Tricks to Help MS/ALS Telehealth Programs Succeed  
Glenn Graham, MD, PhD |
<p>|               |                                                                                     | MODERATOR: Katelyn Johnson, BSN, RN                                               | MODERATOR: Rebecca Coffin, PhD, RN                                             | MODERATOR: Maureen Jennings, DPT |
| 5:00–6:00 p.m. | Product Theater: Quantum Rehab and Stealth Technology (Track 2) • Refreshments Provided |                                                                                     |                                                                               |                                                                                     |
|               | MSCOE Meeting (Track 3)                                                             |                                                                                     |                                                                               |                                                                                     |
|               | Poster Viewing (Oceans Ballroom 1-8) • Refreshments Provided                      |                                                                                     |                                                                               |                                                                                     |</p>
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<tr>
<th>Time</th>
<th>Session Description</th>
<th>Moderator(s)</th>
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<tbody>
<tr>
<td>7:00–7:45 a.m</td>
<td>PRODUCT THEATER: Biogen (Track 2) • Breakfast Provided</td>
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<tr>
<td>7:15–8:00 a.m</td>
<td>Continental Breakfast (Crystal Ballroom Pre-Function)</td>
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<tr>
<td>8:00–8:15 a.m</td>
<td>OPENING REMARKS (TRACK 1)</td>
<td>Carl Blake, Executive Director, Paralyzed Veterans of America</td>
</tr>
<tr>
<td>8:15–9:00 a.m</td>
<td>KEYNOTE SPEAKER PLENARY SESSION</td>
<td>Richard Stone, MD, Executive in Charge, Veterans Health Administration (VHA)</td>
</tr>
<tr>
<td>9:00–10:15 a.m</td>
<td>PLENARY SESSION JOHN N. WHITAKER MEMORIAL LECTURE</td>
<td>Robert McBurney, PhD, Accelerated Cure Project for Multiple Sclerosis</td>
</tr>
<tr>
<td>10:15–10:30 a.m</td>
<td>COFFEE BREAK &amp; EXPO/POSTER VIEWING (OCEANS BALLROOM 1-8)</td>
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<tr>
<td>10:30 a.m.–12:00 p.m</td>
<td>(1925) Building Self-Efficacy Skills After Spinal Cord Injury: Results from Two Clinical Trials</td>
<td>Jennifer Coker, MPH, Susan Charlifue, PhD, FISCO, PASHA, FACRM</td>
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<tr>
<td></td>
<td>(1926) Preventing Community-Acquired Pressure Injury in SCI: Healthcare Provider Perspectives &amp; Veteran Perspectives</td>
<td>Lisa Burkhart, PhD, RN, Sameer Siddiqui, MD, Amy Kiefer, MSN, RN</td>
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<tr>
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<td>MODERATOR: Katelyn Johnson, BSN, RN</td>
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<tr>
<td></td>
<td>(1927) The Devastated Urethra in Neurogenic Lower Urinary Tract Dysfunction Patients: An Untold Story of Chronic Urethral Catheterization</td>
<td>Michael Kennedy, MD, FACS</td>
</tr>
<tr>
<td></td>
<td>(1928) Beating the Bugs: Improving Care of Spinal Cord Injury and Disorder Patients Through Antimicrobial Stewardship</td>
<td>Ashley Hughes, PhD, Cara Ray, MA, MODERATOR: Paul Gutierrez, MD</td>
</tr>
<tr>
<td></td>
<td>(1929) Cognitive Symptoms in Multiple Sclerosis (MS): Practical Guidelines for Neuropsychological Assessment and Intervention</td>
<td>Moira Dux, PhD, Terry-Lee Wilk, PhD, MODERATOR: Heidi Maloni, DNP</td>
</tr>
<tr>
<td></td>
<td>(1930) Using Motivational Interviewing to Improve Bowel Management in an Outpatient Setting</td>
<td>Cynthia Hernandez, MSN/ED, RN, CRRN, Charlynn Patrix, RN, CRRN, Catherine Wilson, PsyD, ABPP, MODERATOR: Jennifer Gaoteote, CRRN</td>
</tr>
<tr>
<td>12:00–1:30 p.m</td>
<td>LUNCH PROVIDED &amp; EXPO/POSTER VIEWING (OCEANS BALLROOM 1-8)</td>
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<tr>
<td>12:00–12:45 p.m</td>
<td>PRODUCT THEATER Genentech (TRACK 2) • Lunch Provided</td>
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### FRIDAY, AUGUST 16 (CONT’D)

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</table>
| 1:30–3:00 p.m. | (1931) Influence of Personal and Wheelchair Characteristics on Skin Pressure in Elite Wheelchair Racing and Basketball  
Joseph Peters, MS  
Ian Rice, PhD, MSOT | (1933) Getting to Zero: A Standardized Best Practice Program Results in 61% CLABSI Rate Reduction among Inpatient SCI/D Veterans  
Shirelyn Smith, MSN, RN-ED  
Judy Lim, DNP, RN  
Christina DiBernardo, MSN, RN-BC, CNL | (1935) Teamwork Makes the MS Care Dream Work: A Model of a Neurology Collaborative Practice  
Natasha Antonovich, PharmD, BCPS  
Aunali S. Khaku, MD | (1937) Working Like Dogs: The Role of Dogs in the Rehabilitation of Veterans with Disabilities  
Andrea Dube, RN, CRRN  
Ellen C. Herfache-Pretzer, EdD, MA, OTR-L |
|             | (1932) Trunk Control System for Persons with Spinal Cord Injury or Disorder  
Christine Onley, PhD, RN  
Gary Goldish, MD | (1934) Rare Multidrug Resistant Organism in SCI/D Center: Emergency Preparedness and Crisis Management  
M. Fides Pacheco, MD  
Maria Castro, MSN, MHA  
Tiffany Villamin, MSN, RN, CRRN | (1936) Multiple Sclerosis Recognizes No Borders: A Model of Interdisciplinary Collaboration  
Jesse Roberston, PharmD  
Melissa Ramirez Knezevic, DPT, PT, NCS, ATP  
Ernest Acheampong RN, MSN, CNL | (1938) Addressing Patient Safety Across the Continuum of SCI Care  
Sunil Sbabharwal, MD  
MODERATOR: Maureen Jennings, DPT |
| 3:00–3:30 p.m. | COFFEE BREAK & EXPO/POSTER VIEWING (OCEANS BALLROOM 1-8)                                                |                                                                                      |                                                                                          |                                                                                          |
| 3:30–5:00 p.m. | (1939) Utilization of Complementary and Integrative Healthcare in Persons with Spinal Cord Injury  
Jennifer Coker, MPH  
Abby Welch, BS, BA  
Bria MacIntyre, MS | (1941) Health Care for Women with SCI/D: Updates in Preventative Care Guidelines, Barriers and Interventions  
Mary Ann Richmond, MD  
Monique Washington, RN  
Matthew Carlisle  
Brooke Blakey, BSPH | (1942) Decision Making in Disease Modifying Therapy and Symptomatic Therapy for MS: Lessons from Case Studies  
Mitch Wallin, MD  
Chetan Gandra, MD | (1943) Mobile-Health based Physical Activity Intervention for Individuals with Spinal Cord Injury  
Shivayogi Hiremath, PhD  
MODERATOR: Paul Gutierrez, MD |
|             | (1940) Mind-Body Integration in Spinal Cord Injury Through Adaptive Yoga and Dance  
Sarah Brindle, PhD  
Janice Kim, OTR/L, ATP  
Linda Mona, PhD | (1944) Cardioendocrine Disease after SCI: Methods to Alter Myostatin Gene Expression in Treating Prevalent Sarcopenic Obesity  
Mark Nash, PhD |                                                                                          | (1944) Cardioendocrine Disease after SCI: Methods to Alter Myostatin Gene Expression in Treating Prevalent Sarcopenic Obesity  
Mark Nash, PhD |
| 5:15–6:00 p.m. | VA SCI/D MEETING (Track 3)                                                                                   |                                                                                      |                                                                                          |                                                                                          |
| 5:00–6:00 p.m. | POSTER VIEWING                                                                                               |                                                                                      |                                                                                          |                                                                                          |
| 6:30–8:30 p.m. | HEALTHCARE APPRECIATION RECEPTION (OCEANS BALLROOM 1-8)                                                        |                                                                                      |                                                                                          |                                                                                          |
# Summit 2019 Agenda

## SATURDAY, AUGUST 17

<table>
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<tr>
<th>Time</th>
<th>Track 1 (Crystal ABC)</th>
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<td>Continental Breakfast (Track 1)</td>
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<tr>
<td>8:15–8:30 a.m</td>
<td><strong>OPENING REMARKS (TRACK 1)</strong>&lt;br&gt;Paul Gutierrez, MD, MS, Summit Program Committee Chair</td>
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<td>8:30–8:45 a.m</td>
<td><strong>POSTER AWARDS (TRACK 1)</strong>&lt;br&gt;Rebecca Coffin, PhD, RN, Poster Award Committee Chair</td>
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<td>8:45–10:00 a.m</td>
<td><strong>PLENARY SESSION HOMER TOWNSEND, JR. MEMORIAL LECTURE</strong>&lt;br&gt;(1945) Resilience: Bouncing Back in the Face of Adversity&lt;br&gt;Kimberley R. Monden, PhD, Principal Investigator, Craig Hospital</td>
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<td>10:00–10:30 a.m</td>
<td><strong>COFFEE BREAK &amp; POSTER VIEWING (OCEANS FOYER)</strong></td>
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<tr>
<td>10:30 a.m.–12:00 p.m.</td>
<td>(1946) Culturally Competent Sexual Health Care for Veterans with Disabilities&lt;br&gt;Linda Mona, PhD&lt;br&gt;Mariam Ter-Petrosyan, PsyD&lt;br&gt;Sarah Brindle, PhD</td>
<td>(1947) Fracture Prevention and Management: Perspectives of Veterans with SCI/D Who Have Experienced a Fracture&lt;br&gt;Bella Entingen, PhD&lt;br&gt;Anna Carbone, MS</td>
<td>(1948) Lower Extremity Edema Management in the Neurological Population using Lymphedema Techniques&lt;br&gt;Anna Elmers, MD, JD&lt;br&gt;Myrtle Atrice, PT, DPT</td>
<td>(1949) Disease Modifying Therapies and Symptomatic Management of Multiple Sclerosis during Pregnancy&lt;br&gt;Ryan Mizell, MD</td>
</tr>
<tr>
<td>MODERATOR:</td>
<td>Jeri Muse, PhD</td>
<td>MODERATOR: Teresa Lee-Wilk, PhD</td>
<td>MODERATOR: Jodie Haselkorn, MD</td>
<td>MODERATOR: Cheryl Vines, MS</td>
</tr>
<tr>
<td>12:00–1:30 p.m.</td>
<td><strong>LUNCH PROVIDED (ATRIUM CD) &amp; POSTER VIEWING (OCEANS FOYER)</strong></td>
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<td>1:30–3:00 p.m.</td>
<td>(1952) Improving Access to Care for Women with Spinal Cord Injury&lt;br&gt;Stephanie Kolakowsky-Hayner, PhD, CBIST, FACRM&lt;br&gt;Karion Waites, DNP&lt;br&gt;Heather Taylor, PhD</td>
<td>(1953) Assessment of Body Composition and Obesity in Patients Living with Spinal Cord Injury/Disease&lt;br&gt;Brooks Wingo, PhD</td>
<td>(1954) Patient Self-Referral Direct Scheduling Implementation for Veterans for Wheeled Mobility Devices within Veterans Health Administration&lt;br&gt;Joel Scholten, MD&lt;br&gt;Bill Wenninger, DPT</td>
<td>(1955) Imaging Spinal Cord Hidden Pathology&lt;br&gt;Francesca Bagnato, MD, PhD</td>
</tr>
<tr>
<td>MODERATOR:</td>
<td>Rebecca Coffin, PhD, RN</td>
<td>MODERATOR: Maureen Jennings, DPT</td>
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<td>MODERATOR: Cheryl Vines, MS</td>
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<td>3:00–3:30 p.m.</td>
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### SATURDAY, AUGUST 17 (CONT’D)

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</table>
Lawrence Vogel, MD  
Kathy Zebracki Jefson, PhD | **(1960)** A Qualitative Study of Negative Health Spirals in Spinal Cord Injury: Conceptual and Methodologic Considerations  
James Krause, PhD  
Kristian Manley, BS  
Michelle Meade, PhD | **(1962)** TeleRehabilitation for Care of Veterans with Multiple Sclerosis  
Denys Robertson, OTR/L | **(1964)** Update: The New Mental Health and Substance Use Disorders in SCI Clinical Practice Guidelines  
Charles Bombardier, PhD |
| **(1959)** Employment Opportunities for Veterans with SCI/D and their Caregivers  
Genia Hachenberg | **(1961)** How Well Can Wearable Devices Track Physical Activity Intensities in People with SCI?  
Akhila Veerubhotla, MS | **(1963)** An Individualized Exergaming Telerehabilitation Program for Veterans with Multiple Sclerosis  
Shane Changpinol, PT  
Susan Conroy, PT  
Kimberly Benson, DPT, PT | **MODERATOR:**  
Steve Mitchell, OTR/L |
| **MODERATOR:**  
Bill Lawson | | | **MODERATOR:**  
Rebecca Coffin, PhD, RN |

3:30–5:00 p.m.
Which of these vehicles is **safely adapted** for a person with a disability?

**A**

**B**

The QAP difference may not be visible, but it can be lifesaving.

**KNOW MORE**

The Quality Assurance Program™ accreditation means putting safety first for persons with disabilities everywhere. Know more about adaptive driving options, and say “no more” to unregulated vehicle modifications.

Find a QAP dealer near you at [www.nmeda.com/dealerlocator](http://www.nmeda.com/dealerlocator).
It’s often difficult for people with limited muscle strength or breathing challenges to clear secretions from their lungs.

Philips InCourage vest therapy can help. Stop by booth 401 or our product theater to see how!

Product Theater
Thursday
August 15, 12:15pm
Track 3
(across from exhibit hall entrance)
Faculty List

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Stephen Intille, PhD
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Michael G. Fehlings, MD, PhD, FRSC, FACS, FRSC, FCAHS, is the Vice Chair, Research for the Department of Surgery at the University of Toronto and Head of the Spinal Program at Toronto Western Hospital, University Health Network. He is a Professor of Neurosurgery at the University of Toronto, holds the Gerry and Tootsie Halbert Chair in Neural Repair and Regeneration. Dr. Fehlings combines an active clinical practice in complex spinal surgery with a translationally oriented research program focused on discovering novel treatments to improve functional outcomes following spinal cord injury (SCI). He has published over 850 peer-reviewed articles, chiefly in the area of central nervous system injury and complex spinal surgery. His seminal 1991 paper, cited over 1400 times, outlined the severe and lasting consequences of SCI due to a cascade of secondary injury mechanisms following the initial trauma. Dr. Fehlings has received numerous prestigious awards including the Gold Medal in Surgery from the Royal College of Physicians and Surgeons and the Olivecrona Award, the top award internationally for neurosurgeons and neuroscientists awarded by the Nobel Institute at the Karolinska Institute in Stockholm for his important contributions in CNS injury repair and regeneration. Dr. Fehlings received his medical and doctorate degrees from the University of Toronto.

Richard A. Stone, MD, serves as the Executive in Charge, Veterans Health Administration (VHA), with the authority to perform the functions and duties of the Under Secretary for Health. As the Executive in Charge, Dr. Stone oversees the delivery of care to more than 9 million enrolled Veterans. Prior to returning to VA, Dr. Stone was a Vice President at Booz Allen Hamilton, assigned to Military Health within Booz Allen’s health portfolio. Dr. Stone previously served as the Principal Deputy Under Secretary of Health in VHA. His focus on VHA organizational transformation, ensuring Veteran access to health care and restoring trust in the Veterans Health Administration has been broadly recognized. Dr. Stone is retired from the US Army where he served as the Army’s Deputy Surgeon General and the Deputy Commanding General of Support for US Army MEDCOM. Currently a practicing dermatologist, he obtained his training from Wayne State Affiliated programs in Detroit and the VA Health system, and is a Board Certified fellow in the American Academy of Dermatology. He has a number of awards and honors to his credit including the Legion of Merit, Bronze Star, Combat Action Badge, and was a member of the Department of Defense Recovering Warrior Task Force from 2011 – 2015.
Robert N. McBurney, PhD, is the Chief Executive Officer of the Accelerated Cure Project for Multiple Sclerosis (USA) and the Co-Principal Investigator for the iConquerMS™ People-Powered Research Network. In a career spanning more than 40 years, Robert has conducted basic and clinical research and managed research groups for drug discovery, personalized medicine, and clinical decision support systems at medical schools, research institutes, biopharmaceutical companies and non-profit organizations in Australia, the U.K. and the USA.

Robert is currently a member of the American Academy of Neurology, the Society for Neuroscience, the PhRMA Foundation Informatics Advisory Committee and the International Society for Pharmacoeconomics and Outcomes Research. He is also a Trustee Emeritus of the F.W. Olin College of Engineering. Robert received B.Sc. and Ph.D. degrees from the University of New South Wales, Australia.

Kimberley Monden, PhD, is a Senior Principal Investigator in the Research Department at Craig Hospital and Co-Project Director of the Rocky Mountain Regional Traumatic Brain Injury Model System and the Rocky Mountain Regional Spinal Cord Injury Model System. Dr. Monden is a Licensed Psychologist with clinical experience in health and rehabilitation psychology. Her research focuses on perceptions of injustice and resilience with an interest in improving quality of life and long-term psychosocial outcomes after injury. Dr. Monden has research funding from the National Institute on Disability, Independent Living and Rehabilitation Research, the Department of Defense, the Craig H. Neilsen Foundation, and the American Psychological Foundation. Dr. Monden earned her Doctoral degree in Counseling Psychology at the University of Kansas in 2009. She completed her pre-doctoral internship in Clinical Psychology at the University of Kansas Medical Center in Kansas City, KS and Post-Doctoral Fellowship in Health Psychology and Integrated Primary Care at the University of Wisconsin Hospital and Clinics and Access Community Health Centers in Madison, Wisconsin.
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Paralyzed Veterans of America Spinal Cord Injury Education & Training Foundation has funded projects, conferences and symposia in the hopes of improving the lives of patients with spinal cord injury/disease (SCI/D) for more than a decade.

Awards will be made in May 2020 for the grant period of June 1, 2020–May 31, 2021. The 2020 maximum award is $50,000 for a grant project and $15,000 for a conference or symposium.

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Late applications will not be accepted.

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Cheryl Vines | 202.416.7668 • CherylV@pva.org
Poster Presentations

P1901: Mystery of an Unresolved shoulder pain in a tetraplegic: unusual presentation of a common occurrence.

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P1903: Veterans with ALS: A Clinical Pathway To Guide Quality of Life to Interdisciplinary Care Plan.

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P1904: Interdisciplinary “Journal Club” Improves Staff Competence, Commitment, and Quality Care for Spinal Cord Injury patients

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P1905: A scoping review of prescription opioid use for pain in individuals with spinal cord injury

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P1909: Benefits of “Hospital in Home” program in spinal cord injury setting; Three years program evaluation

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P1910: Through the Looking Glass: Search for Pain Biomarkers in the Injured Spinal Cord

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P1911: Inpatient Rehabilitation for Metastatic Spinal Cord Compression: Does the End Justify the Means?

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P1912: Comparison of predictive equations for Resting Energy Expenditure estimation in Manual Wheelchair Users with SCI

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P1913: Using the Reintegration Model to Facilitate Rehabilitation of Persons with Spinal Cord Injury: Case Presentation

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P1914: Noise Reduction: Clinical Nurse Leader Team approach to Improve Patient Satisfaction

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P1915: Exercise mode and intensity effect postprandial fat metabolism in persons with spinal cord injury

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P1916: Transanal Irrigation: An Effective Alternative to Standard Bowel Care

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P1918: Factors associated with regular dental care in people with spinal cord injury

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P1919: Differential Prediction of Employment Status in Patients with Multiple Sclerosis Based on Cognition

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P1920: Transanal Irrigation: An Effective Alternative to Standard Bowel Care

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**P1921: Simulation-based Competency Training – Autonomic Dysreflexia**

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**P1922: Team Nursing: Improving the Quality of Care of Veterans with SCI/D through Teamwork**

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**P1923: Integrating suicide prevention in SCI practice**

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**P1924: SCI CLABSI Prevention Bundle Surveillance: Reducing HAI's and Improving Patient Outcomes**

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**P1925: Respite Care: Improving a Veteran’s Administration Medical Center Program for Caregivers and Recipients**

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**P1926: A Preclinical Perspective: Deconstructing Spasticity after SCI**

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Continuing Education Information

This continuing education activity is provided through a collaboration between PVA and AffinityCE. This activity provides continuing education credit for physicians, physician assistants, nurses, nurse practitioners, psychologists, social workers, occupational therapists, physical therapists, pharmacists, pharmacy technicians, rehabilitation counselors, dietitians, and speech-language professionals. A general participation certificate will be provided for other attendees.

Learning Outcomes

At the end of this activity, participants will be able to:

1. Recognize the translation from research findings to clinical treatment for those living with Spinal Cord Injuries and other spinal cord dysfunctions.
2. Identify the psychosocial impact of life with spinal cord injuries multiple sclerosis, amyotrophic lateral sclerosis on the individual, family, caregivers and treatment teams.
3. Evaluate new and existing treatment options and assistive technology for individuals with Spinal Cord Injuries and other spinal cord dysfunctions.
4. Participate in opportunities to network and share information, resources and experiences to improve the quality of life for individuals living with spinal cord injuries, multiple sclerosis, amyotrophic lateral sclerosis and their families, caregivers and treatment teams.

Disclosures

AffinityCE staff, PVA staff, planners, and reviewers have no relevant financial or non-financial interests to disclose. Faculty disclosure information is available at summitpva.org/continuing-education.

Physicians

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of AffinityCE and PVA. AffinityCE is accredited by the ACCME to provide continuing medical education for physicians.

AffinityCE designates this live CME activity for a maximum of 21.0 hours of AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Physician Assistants

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint
Accreditation Statements

provideship of AffinityCE and PVA. AffinityCE is accredited by the ACCME to provide continuing medical education for physicians.

AffinityCE designates this live CME activity for a maximum of 21.0 hours of *AMA PRA Category 1 Credits™*. Physician Assistants should claim only the credit commensurate with the extent of their participation in the activity.

**Nurses**

CE for nurses is provided for this program through collaboration between PVA and AffinityCE. AffinityCE is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation. This activity provides a maximum of 21.0 contact hours of nurse CE credit.

**Nurse Practitioners**

This activity has been planned and implemented in accordance with the accreditation Standards of the American Association of Nurse Practitioners (AANP) through the joint providership of AffinityCE and PVA. AffinityCE is accredited by the American Association of Nurse Practitioners as an approved provider of nurse practitioner continuing education. Provider number: 031105. This activity provides up to 21.0 hours of CE Credit. The cost to participate in this CE activity is included in the activity registrations fee.

**Pharmacists and Pharmacy Technicians**

AffinityCE is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. This knowledge-based activity will provide a maximum of 21.0 contact hours for participants completing all CPE activities. UANs are provided for each session. Participant CE records will be electronically communicated to CPE Monitor. The cost to participate in these CE sessions is included in the registration cost for the Conference.

**Psychologists**

AffinityCE is approved by the American Psychological Association to sponsor continuing education for psychologists. AffinityCE maintains responsibility for this program and its content. This activity provides up to 21.0 hours of CE Credit. The instructional level of this activity is intermediate. The cost to participate in this CE activity is included in the activity registrations fee.
Psychologist Learning Outcomes:

1. Describe the cultural diversity that characterizes veteran patient populations
2. Discuss the dignity and privacy of spinal cord injury/disease (SCI/D) patient populations while maintaining confidentiality in the delivery of team-based care
3. Compare research findings to develop strategies to meet the healthcare needs of SCI/D patients
4. Summarize advances in spinal cord injury treatment and how the psychologist and other health professional team members work together to provide care and promote health
5. Identify resources and evaluate treatment options for paralysis/SCI/D patient populations to support the psychologist in providing patient care that is timely and effective

Social Workers

This program is pending NASW approval.

Occupational Therapists

(ACCME Non-Physician CME Credit) For the purpose of recertification, The National Board for Certification in Occupational Therapy (NBCOT) accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credits™* from organizations accredited by ACCME. Occupational Therapists may receive a maximum of 21.00 hours for completing this live program.

Physical Therapists

Physical Therapists will be provided a certificate of participation for educational activities certified for *AMA PRA Category 1 Credits™*. Physical Therapists may receive a maximum of 21.00 hours for completing this live program.

Dietitians

(ACCME Non-Physician CME Credit) The Commission of Dietetic Registration recognizes certificates of participation for educational activities certified for *AMA PRA Category 1 Credits™* from organizations accredited by ACCME. Dietitians may receive a maximum of 21.00 hours for completing this live program.

Please consult your accrediting organization or licensing board for their acceptance of this CE activity.

Rehabilitative Counselors

This program has been submitted and approval is pending by The Commission on Rehabilitation Counselor Certification (CRCC) for a maximum of 21.0 clock hours.
Speech-Language Professionals

This activity is offered for 2.10 ASHA CEUs (Intermediate level, Professional area).

Speech-Language Professional Learning Outcomes

At the end of this activity, speech-language professionals (SLP) should be able to:

1. Embrace the cultural diversity that characterizes veteran patient populations
2. Respect the dignity and privacy of spinal cord injury/disease (SCI/D) patient populations while maintaining confidentiality in the delivery of team-based care
3. Engage diverse professionals and research findings to develop strategies to meet the healthcare needs of SCI/D patients
4. Summarize advances in spinal cord injury treatment and how the SLP and the health professional team works together to provide patient care and promote health
5. Identify resources and evaluate treatment options for paralysis/SCI/D patient populations to support the SLP to provide patient care that is timely and effective

Speech-language professional-specific activity learning outcomes are provided for each session.

Other Professionals

All other health care professionals completing this continuing education activity will be issued a Statement of Participation indicating the number of hours of continuing education credit. This may be used for professional education CE credit. Please consult your accrediting organization or licensing board for their acceptance of this CE activity.

Commercial Support

No commercial support was provided for this activity.

Participation Costs

The cost to participate in this CE activity is included in the Summit registration fee.

CME Inquiries

For all CME policy-related inquiries, please contact us at ce@affinityced.com.
Additional Information
Additional Information about this activity can be found at: summitpva.org/continuing-education.

How to Earn CE Credit

1. Go to the following URL: pva.cds.pesgce.com.
2. Select the activity: 2019 PVA Healthcare Summit + Expo
3. Enter an e-mail address and password to log in or to begin setting up your profile.
4. Verify, correct, or add your information.
5. After log in or new account set up, click on the grey box with the activity title.
6. Proceed to complete activity evaluation for each session you attended.
7. After evaluating all attended sessions, you must complete the Overall Evaluation to receive your CE certificate.
8. After completion of the evaluation, you can download your CE Certificate. Your CE record will also be stored here for later retrieval.
9. The website is open for completing your evaluation for 45 days after the Summit, until October 3, 2019.
10. Pharmacy CE records will be electronically communicated to CPE Monitor.
11. After the website has closed, you can come back to the site at any time to download your certificate, but you will not be able to claim credit for sessions.

Please send any technical or customer support requests to cds_support+PVA@affinityced.com.
At Biogen, we are committed to understanding the patient journey, including the overall burden of illness, to improve care. We support ongoing initiatives that enable payers, providers, and patients to recognize the importance of different treatment options in multiple sclerosis and in emerging specialty neurology areas.

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Who Should Attend?

Doctors, nurses, therapists, researchers, pharmacists, social workers and other practitioners seeking to learn about the latest innovations in spinal cord injury/disease treatment and care.

Network with fellow clinicians, visit the booths at the expo, and earn 20+ CEUs/CMEs.

Lodging scholarships are available to attendees.

For more information about the event, please contact: summit@pva.org.