

**2023 SCI PROFESSIONAL DEVELOPMENT SYMPOSIUM:
CURRENT RESEARCH AND PROGRAM UPDATES
AT THE UNIVERSITY OF MICHIGAN**

Tuesday, October 17, 2023 | 3:00 – 6:30 PM ET

Danto Auditorium and Online on Zoom

CME Registration: <https://michmed.org/57bN7>

Webinar Registration: <https://michmed.org/WAGKD>

Communication Access Real-time Translation (CART) and American Sign Language (ASL) interpretation will be provided.

This symposium is designed to enhance awareness of ongoing research and clinical programming within the University of Michigan related to the health, functioning, and participation of individuals with spinal cord injury (SCI). Moreover, it is designed to enhance relationships among professionals to improve the overall quality of both clinical care and research activities. Topics will include health management of SCI, adaptive sports and adaptive gaming, and brain-computer interface research.

AGENDA

3:00 pm: Opening remarks by Gianna Rodriguez, MD, Department of Physical Medicine and Rehabilitation, University of Michigan Health

3:15 pm: “The Impact of Blood Pressure Disregulation on Health-Related Quality of Life in Persons with SCI,” presented by Noelle Carlozzi, PhD, Department of Physical Medicine and Rehabilitation and Department of Surgery, University of Michigan Health, and Cory

Wernimont, MD, Department of Physical Medicine and Rehabilitation, University of Michigan Health

Attendees will be able to describe a new patient-reported outcome measure designed to capture the impact of blood pressure dysregulation in people with SCI.

3:35 pm: “University of Michigan’s Adaptive and Inclusive Sports Experience (UMAISE),” presented by Courtney Fankhauser, CTRS, Department of Physical Medicine and Rehabilitation, University of Michigan Health

Attendees will be able to explain how adaptive recreation supports participants with SCI.

3:55 pm: “Psychological and Health Correlates of Health Care Engagement Among Adults with Traumatic SCI,” presented by Carrie Pilarski, PhD, Department of Physical Medicine and Rehabilitation, University of Michigan Health, and Ted Barrios, PhD, Department of Physical Medicine and Rehabilitation, University of Michigan Health

Attendees will be able to explain why emotional, attitudinal, and health factors are important contributors to independent living and quality of life.

4:15 pm: “Adaptive Gaming,” presented by Michael Blackstock, MS, OTRL, Department of Physical Medicine and Rehabilitation, University of Michigan Health, and Seong-Hee Westlake, ATP, RET, Department of Physical Medicine and Rehabilitation, University of Michigan Health

Attendees will be able to discuss three factors for consideration when assessing a person with an SCI for an adaptive gaming setup.

4:35 pm: Break (networking, community tables, including the Disability Network Washtenaw Livingston Monroe and others)

5:00 pm: “The U-M Center for Disability Health and Wellness: Current Research, Clinical, and Educational Activities,” presented by Michelle Meade, PhD, Department of Physical Medicine and Rehabilitation and Department of Family Medicine, University of Michigan Health

Attendees will be able to summarize how the CDHW promotes health care equity and reduces disparities for individuals with disabilities.

5:20 pm: “Continuous Glucose Monitoring and Diabetes Management,” presented by Michael McKee, MD, MPH, Department of Family Medicine and Department of Physical Medicine and Rehabilitation, and Emma Butcher, MPH, Department of Family Medicine, University of Michigan Health

Attendees will be able to discuss how prediabetes impacts the health of those with SCI and how CGM may play a role in the self-management process of adults with SCI and prediabetes.

5:40 pm: “Brain-Computer Interfaces for People with SCI: Setting Realistic Expectations of Applications and Timeline,” presented by Jane Huggins, PhD, Department of Physical Medicine and Rehabilitation, University of Michigan Health, and Department of Biomedical Engineering, University of Michigan College of Engineering

Attendees will be able to describe BCIs that would be useful for people with SCI.

6:00 pm: “Cervical Cancer Screening for Women with Physical Disabilities” presented by Diane M. Harper, MD, Department of Family Medicine, University of Michigan Health, and Department of Women’s and Gender Studies, University of Michigan College of Literature, Science and the Arts

Attendees will be able to describe updated screening methods for cervical cancer screening and ways in which women with disabilities can participate and design instruments for screening.

6:20 pm: Closing remarks

6:30 pm: Adjourn

TARGET AUDIENCE

In addition to adults with disabilities and consumer advocates, our target audience includes clinicians, students, administrators, and other health care professionals in the fields of family medicine, obstetrics and gynecology, physical medicine and rehabilitation, primary care, and social work. Please see the [MiCME Activity Overview](#) for more information.

OBJECTIVES

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

1. Describe SCI-related research and clinical programming at Michigan Medicine.
2. Integrate information to enhance clinical practice, research, and interactions with individuals with SCI.

After completing this activity, participants will be able to routinely utilize this information to describe and apply existing resources and research for individuals with SCI.

EDUCATIONAL PLANNERS

Michelle A. Meade, PhD, Department of Physical Medicine and Rehabilitation and Department of Family Medicine, University of Michigan Health (Planner)

Carrie R. Pilarski, PhD, Department of Physical Medicine and Rehabilitation, University of Michigan Health (Co-Planner)

CONTINUING EDUCATION CREDIT INFORMATION

The University of Michigan Medical School is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The University of Michigan Medical School designates this live activity for a maximum of 3.0 AMA PRA Category 1 Credit(s)[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The University of Michigan Medical School is approved by the American Psychological Association to sponsor continuing education for psychologists. The University of Michigan Medical School maintains responsibility for this program and its content. This activity has been approved for 3.0 CE credits.

NIDILRR STATEMENT

The contents of this event were developed under a grant from the National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR grant number 90SIMS0018). NIDILRR is a Center within the Administration for Community Living (ACL), Department of Health and Human Services (HHS). The contents of this event do not necessarily represent the policy of NIDILRR, ACL, or HHS, and you should not assume endorsement by the Federal Government.