

If you're having problems viewing this email [click here](#).



Model Systems  
Knowledge Translation  
Center

## Headlines from the MSKTC

Connecting consumers to research-based information in  
Spinal Cord Injury, Traumatic Brain Injury, and Burn Injury

November 2019  
Issue 95

The MSKTC provides:

**Consumer Information** that offers guidance on treatment, social issues, and daily living after SCI, TBI, and burn injuries.

**Systematic Reviews** that compile, evaluate, and summarize published research evidence related to a specific medical or health topic.

**Databases** of research articles posted by the SCI, TBI, and Burn Model Systems.

Upcoming Conferences:

**December 5-8, 2019**  
[Southern Region BURN Conference](#)

**January 25-30, 2020**  
[42nd Annual John A. Boswick Burn and Wound Care Symposium](#)

**March 4, 2020**  
[Brain Injury Awareness Day on Capitol Hill](#)

**March 17-20, 2020**  
[52nd American Burn Association Annual Meeting](#)

### Model System Researchers Present at ACRM Annual Conference

A host of Model System researchers presented at the [American Congress of Rehabilitation's \(ACRM\)](#) annual conference, November 5-8, in Chicago, IL. Click [here](#) to learn more.

### SCI/TBI Model System Researchers Publish Papers in *Journal of Head Trauma Rehabilitation*

SCI and TBI Model System researchers recently published a group of papers about the Traumatic Brain Injury-Quality of Life (TBI-QOL) measurement system in the *Journal of Head Trauma Rehabilitation*.

- "Measuring fatigue in TBI: Development of the TBI-QOL Fatigue item bank and short form," co-authored by the following researchers from currently-funded Model System centers: Tamara Bushnik, PhD ([Rusk Rehabilitation TBIMS at NYU Langone Health and Bellevue Hospital](#)); Robin A. Hanks, PhD ([Southeastern Michigan Traumatic Brain Injury System](#)); and Stephanie A. Kolakowsky-Hayner, PhD ([New York Traumatic Brain Injury Model System](#)); with Pamela A. Kisala, MA; Aaron J. Boulton, PhD; and David S. Tulsy, PhD. View the abstract [here](#).
- "Development of the TBI-QOL Headache Pain item bank and short form," co-authored by Allen W. Heinemann, PhD; and Elliot J. Roth, MD ([Midwest Regional Spinal Cord Injury Care System](#)); with David S. Tulsy, PhD; Callie E. Tyner, PhD; Aaron J. Boulton, PhD; Pamela A. Kisala, MA; and Noelle E. Carlozzi, PhD. View the abstract [here](#).
- "Measuring self-reported cognitive function following TBI: Development of the TBI-QOL Executive Function and Cognition-General Concerns item banks," co-authored by the following researchers from currently-funded Model System centers: Mark Sherer, PhD ([Texas TBI Model System of TIRR](#)); and Nancy Chiaravalloti, PhD ([Northern New Jersey Spinal Cord Injury System](#)); with Noelle E. Carlozzi, PhD; Callie E. Tyner, PhD; Pamela A. Kisala, MA; Aaron J. Boulton, PhD; and David S. Tulsy, PhD. View the abstract [here](#).
- "Linking the GAD-7 and PHQ-9 to the TBI-QOL Anxiety and Depression item banks," co-authored by the following researchers from currently funded Model System centers: Angelle M. Sander, PhD; and Mark Sherer, PhD ([Texas TBI Model System of TIRR](#)); Allen W. Heinemann, PhD ([Midwest Regional Spinal Cord Injury Care System](#)); Tamara Bushnik, PhD ([Rusk Rehabilitation TBIMS at NYU Langone Health and Bellevue Hospital](#)); and Nancy Chiaravalloti, PhD ([Northern New Jersey Spinal Cord Injury System](#)); with Aaron J. Boulton, PhD; Callie E. Tyner, PhD; Seung W. Choi, PhD; Pamela A. Kisala, MA; and David S. Tulsy, PhD. View the abstract [here](#).

### MSKTC Adds New Resource to the Online Knowledge Translation Toolkit

The Online Knowledge Translation (KT) Toolkit is a collection of resources that support Model Systems with the application of KT strategies. The latest addition to the Online KT Toolkit is the ***Getting Started with Social Media Advertising*** guide, which describes the three phases of advertising on Facebook's social media platforms for research. The guide also includes a planning tool that researchers and their teams can use to configure, launch, and manage advertising. Find the toolkit [here](#).

March 26-29, 2020  
[AOTA Annual Conference](#)

May 3-6, 2020  
[Annual Scientific Meeting of the American Spinal Injury Association \(ASIA\)](#)

## Traumatic Brain Injury (TBI)

### TBI Model System Researcher Receives Gold Key Award from the ACRM

John Whyte, MD, PhD, FACRM, co-principal investigator of the [Moss Traumatic Brain Injury Model System](#), received the 2019 Gold Key Award from the American Congress of Rehabilitation Medicine (ACRM). Dr. Whyte's research focuses on assessment and treatment of patients with traumatic brain injury, including those with disorders of consciousness, and he writes extensively about the special methodologic challenges inherent in rehabilitation research. Learn more about this award [here](#).

### TBI Model System Researcher Recognized as Longstanding ACRM Leader

Mark Sherer, PhD, ABPP, FACRM, project director of the [Texas TBI Model System of TIRR](#), was recognized as an Outgoing Fellows Committee Member and Longstanding ACRM Leader by the ACRM Board of Governors. Dr. Sherer was recognized for his extraordinary contributions to the ACRM Fellows Committee and leadership from 2007 to 2019.

### TBI Model System Researchers Publish Article in *Journal of Aging and Health*

TBI Model System researchers recently published a new article, "Predictors of 1-year global outcomes after traumatic brain injury among older adults: A NIDILRR Traumatic Brain Injury Model Systems study," in the *Journal of Aging and Health*. Authors are from the following currently-funded TBI Model System centers: [Indiana University School of Medicine / Rehabilitation Hospital of Indiana TBI](#) (Flora M. Hammond, MD; and James F. Malec, PhD, ABPP-CN, RP), [Rocky Mountain Regional Brain Injury System](#) (Christina A. Baker-Sparr, MS; Jessica M Ketchum, PhD; and Gale G. Whiteneck, PhD), [North Texas Traumatic Brain Injury Model System](#) (Marie N. Dahdah, PhD), [New York Traumatic Brain Injury Model System](#) (Kristen Dams-O'Connor, PhD), [University of Alabama at Birmingham Traumatic Brain Injury Model System](#) (Laura E. Dreer, PhD; and Thomas A. Novack, PhD), [Spaulding-Harvard Traumatic Brain Injury Model System](#) (Therese M. O'Neil-Pirozzi, ScD, CCC-SLP), [Moss Traumatic Brain Injury Model System](#) (Tessa Hart, PhD), and [Ohio Regional Traumatic Brain Injury Model System](#) (John D. Corrigan, PhD; and Jennifer Bogner, PhD). View the article [here](#).

### MSKTC Recruiting Participants for TBI Consumer Factsheet Testing

The [MSKTC](#) is recruiting individuals with traumatic brain injury and their caregivers to provide feedback on a new factsheet entitled, "Concussion Recovery." To be eligible, participants must be at least 18 years old. Participants will receive a \$25 gift card for their time. Call (202) 403-5600 or email [msktc@air.org](mailto:msktc@air.org) to register.

## Spinal Cord Injury (SCI)

### SCI Model System Researchers Present at IsCoS Annual Scientific Meeting

SCI Model System researchers presented their work at the 58th International Spinal Cord Society (IsCoS) Annual Scientific Meeting, November 5-7, in Nice, France.

Researchers from [Spaulding New England Regional Spinal Cord Injury Center \(SNERSCIC\)](#) gave the following presentations:

- J. Andrew Taylor, PhD; Brandon Yates, MS, CSCS, USAW; Glen Picard, MS; and Erin Ozturk, BA, presented a talk on, "Hybrid FES Exercise Mitigates Increased Visceral Adiposity and Decreased Lean Mass in Acute SCI."
- J. Andrew Taylor, PhD, along with Adina Draghici, PhD, discussed, "Spectral Spontaneous Baroreflex Index Reflects Cardiovascular Baroreflex Gain in Those with Spinal Cord Injury."
- Hannah Mercier, PhD; Khara James, MS; Jenny Min; and J. Andrew Taylor, PhD, presented the poster, "Cardiometabolic Syndrome Relates to Aging but Not to Duration of Spinal Cord Injury."

Researchers from [Rocky Mountain Regional SCI System](#) gave the following presentations:

- "Stigma Following SCI and its Impact on Psychosocial Outcomes," presented by Kim Monden, PhD; and co-authored by Angela Philippus, MS; Christina Draganich, DO;

and Mitch Sevigny MS.

- “A Qualitative Exploration of Perceived Injustice among Individuals Following Spinal Cord Injury,” presented by Kim Monden, PhD, and co-authored by Angela Philippus, MS; and Susan Charlifue, PhD, FISCOs, FASIA, FACRM.
- “A Qualitative Exploration of Perceived Injustice among Individuals Following Spinal Cord Injury,” presented by Kim Monden, PhD, and co-authored by Angela Philippus, MS; and Susan Charlifue, PhD, FISCOs, FASIA, FACRM.
- “Utilization and Barriers to Complementary and Integrative Healthcare in People with Spinal Cord Injury,” presented by Jenn Coker, MPH.

Researchers from [Midwest Regional Spinal Cord Injury Care System](#) gave the presentation:

- “Using SCI-QOL to Guide Ongoing Care and Improve Outcomes in SCI,” co-presented by Allen Heinemann, PhD, ABPP (RP), FACRM with David S. Tulsy, PhD; Sara Ahmed, PT, PhD; Susan Bartlett, PhD; and Pamela Kisala, MA.

#### **SCI Model System Researcher Becomes ACRM Fellow**

Jeanna Zanca, PhD, MPT, FACRM, senior research scientist of the [Northern New Jersey Spinal Cord Injury System](#), was honored as a 2019 ACRM fellow. Dr. Zanca’s research focuses on secondary complications of SCI, with an emphasis on empowering interventions — programs or services that enable people with SCI and their loved ones to take the actions needed in everyday life to prevent and manage complications of SCI. Learn more about this honor [here](#).

#### **SCI Model System Researchers Present at ISPO World Congress 2019**

Allen Heinemann, PhD, ABPP (RP), FACRM, and Stefania Fatone, PhD, from the [Midwest Regional Spinal Cord Injury Care System](#) presented at the International Society for Prosthetics and Orthotics (ISPO) 17th World Congress, October 8, in Kobe, Japan. Dr. Heinemann and Dr. Fatone presented the symposium, “Exploring Quality-of-Care Topics for Users of Custom Ankle-Foot Orthoses.” View the abstract [here](#).

#### **SCI Model System Researcher Presents at BIA of Illinois Annual Education Conference**

Allen Heinemann, PhD, ABPP (RP), FACRM, co-principal investigator of the [Midwest Regional Spinal Cord Injury Care System](#) and director of the Center for Rehabilitation Outcomes Research at the Shirley Ryan AbilityLab, was a plenary speaker at the Brain Injury Association (BIA) of Illinois Annual Education Conference, October 18, in Oakbrook Terrace, IL. Dr. Heinemann presented, “Functional Assessment for Adults with Disabilities.”

#### **SCI Model System Researchers Publish Article in *Spinal Cord Series and Cases***

SCI Model System Researchers recently published the article, “Assessing the ability of the Sacral Autonomic Standards to document bladder and bowel function based upon ASIA Impairment Scale,” in *Spinal Cord Series and Cases*. Authors are from the following currently-funded SCI Model System centers: [National Spinal Cord Injury Statistical Center](#) (Yuying Chen, MD, PhD) and [University of Alabama at Birmingham Spinal Cord Injury Model Systems Center](#) (Amie McLain, MD). View the abstract [here](#).

#### **SCI Model System Hosts Episode of SCI Grand Rounds**

Researchers and care providers from [Spaulding New England Regional Spinal Cord Injury Center \(SNERSCIC\)](#) presented on an episode of the SCI Grand Rounds Series at North Shore Medical Center (NSMC) in October. The presentation, “Providing High Quality and Culturally Competent Care for Patients with Spinal Cord Injury (SC): A 2019 Update,” featured Chloe Slocum, MD, MPH; and Cheri Blauwet, MD.

## **Burn Injury (BURN)**

#### **Burn Model System Researchers Publish Article in *Journal of Burn Care and Research***

Researchers from the [Boston Harvard Burn Injury Model System](#) recently published the manuscript, “Social participation of burn survivors and the general population in work and employment: A Life Impact Burn Recovery Evaluation (LIBRE) profile study,” in the *Journal of Burn Care and Research*. This study shows that burn survivors exhibited higher social participation than the general population and that working burn survivors had higher scores than those not working. View the abstract [here](#).

#### **MSKTC Recruiting Participants for Burn Consumer Factsheet Testing**

The [MSKTC](#) is recruiting individuals with burn injury and their caregivers to provide feedback

on a new factsheet entitled, "Sexuality and Intimacy after Burn Injury." To be eligible, participants must be at least 18 years old. Participants will receive a \$25 gift card for their time. Call (202) 403-5600 or email [mstk@air.org](mailto:mstk@air.org) to register.

 Share this newsletter on social media

Connect with us by liking us on Facebook and following us on Twitter. We have three injury areas:



The Model Systems Knowledge Translation Center (MSKTC) supports the Model Systems program in meeting the information needs of individuals with spinal cord injury, traumatic brain injury, and burn injury. The MSKTC is funded by National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR) and is operated by the American Institutes for Research (AIR) in collaboration with George Mason University (GMU) and BrainLine at WETA under grant number 90DP0082.

Learn more about the MSKTC at [www.MSKTC.org](http://www.MSKTC.org)