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# MSKTC.org

SCI • TBI • BURN

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 2018  
Issue 83

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:

**February 2-7, 2019**  
[41st Annual John A. Boswick Burn and Wound Care Symposium](#)

**April 2-5, 2019**  
[51st American Burn Association Annual Meeting](#)

**April 4-7, 2019**  
[AOTA Annual Conference](#)

**April 2-5, 2019**  
[Annual Scientific Meeting of the American Spinal Injury Association \(ASIA\)](#)

## Traumatic Brain Injury (TBI)

### 30 Years of TBI Model Systems Research Highlighted in a New Article

The history and research achievements of the TBI Model System Centers are reviewed in the November/December issue of the *Journal of Head Trauma Rehabilitation*. The article focuses on the research activities of the TBIMS Centers program and multifaceted knowledge translation initiatives. The article also provides examples of the many ways in which the infrastructure of the TBIMS Centers program has been leveraged in collaboration with other TBI stakeholders. Authors are from the following currently-funded TBI Model Systems: [New York Traumatic Brain Injury Model System](#) (Marcel P. Dijkers, PhD), [Virginia Commonwealth Traumatic Brain Injury Model System](#) (Jennifer H. Marwitz, MA), and [The Rocky Mountain Regional Brain Injury System](#) (Cynthia Harrison-Felix, PhD). Learn more [here](#), and view the article [here](#).

### TBI Model System Researchers Develop Education Materials for a Healthy Lifestyle After TBI

Led by project director Simon Driver, PhD, and co-project director Kathleen Bell, MD, researchers and clinicians at [North Texas Traumatic Brain Injury Model System](#), including [Baylor Scott and White Institute for Rehabilitation](#) and [University of Texas at Southwestern](#), are sharing six components of a healthy lifestyle after TBI. In addition to providing online resources, team members are working to help people lead a healthy lifestyle by educating Model System participants, speaking with patients in the clinic, and attending support groups across the Dallas-Fort Worth Metroplex. Learn more [here](#).

### TBI Model System Recruiting for Lifestyle Intervention Following TBI

[North Texas Traumatic Brain Injury Model System](#) is recruiting for an innovative self-management intervention that promotes physical activity and healthy eating behaviors. To be eligible, individuals must be between 18 and 64 years old, have a TBI that happened more than 6 months ago, and be interested in losing weight and having a healthier lifestyle. Participants will be compensated for their time. Call 214-818-2993 or email [Evan.McShan@BSWHealth.org](mailto:Evan.McShan@BSWHealth.org) to join the study. Click [here](#) to learn more about the study.

### TBI Model System Researchers' Article Selected as Spotlight Article of the Month by the American Psychological Association

TBI Model System researchers' article, "Longitudinal examination of resilience after traumatic brain injury," was the American Psychological Association's Division 22 rehabilitation science spotlight article of the month. The article, which evaluates resilience after a moderate-severe TBI, was published in *Archives of Physical Medicine and Rehabilitation*. Authors are from the following currently-funded TBI Model Systems: [Virginia Commonwealth Traumatic Brain Injury Model System](#) (Jennifer H. Marwitz, MA; Adam P. Sima, PhD; Jeffrey S. Kreutzer, PhD), [University of Alabama Traumatic Brain Injury Model System](#) (Laura E. Dreer, PhD), [Mayo Clinic Traumatic Brain Injury Model System](#) (Thomas F. Bergquist, PhD), and [Spaulding-Harvard Traumatic Brain Injury Model System](#) (Ross

Zafonte, DO) and previously-funded TBI Model System: [South Florida Traumatic Brain Injury Model System](#) (Douglas Johnson-Greene, PhD; Elizabeth R. Felix, PhD). Learn more [here](#).

## Spinal Cord Injury (SCI)

**SCI Model System Researchers Publish in *Archives of Physical Medicine Rehabilitation***  
Yuying Chen, MD, PhD, and Huacong Wen, MS, of [National Spinal Cord Injury Statistical Center](#), co-authored the article, "Racial differences in weight gain: a 5-year longitudinal study of persons with spinal cord injury," published in *Archives of Physical Medicine Rehabilitation*. This research was solely based on data from [National Spinal Cord Injury Model Systems Database](#) through 2015, in collaboration with colleagues in [Texas Spinal Cord Injury Model System at TIRR](#) (Susan Robinson-Whelen, PhD) and [The Midwest Regional Spinal Cord Injury Care System](#) (Allen Heinemann, PhD). View the abstract [here](#).

### SCI Model System Recruiting Wheelchair Users

[University of Pittsburgh Model Center on Spinal Cord Injury](#) is recruiting wheelchair users for a research study to determine the effectiveness of a remote wheelchair transfer training program. This study will be conducted entirely in an online environment. To be eligible, individuals must be between 18 and 75 years old, and use a wheelchair for mobility. Participants will be compensated for their time. Call 412-648-4196 or email [eak20@pitt.edu](mailto:eak20@pitt.edu) to speak to a study coordinator. Click [here](#) to learn more about the study.

## Burn Injury (BURN)

**MSKTC and Burn Model System (BMS) Researchers Publish New Study in *BURNS***  
Lynn Gerber, MD, co-principal investigator of [Model Systems Knowledge Translation Center \(MSKTC\)](#), collaborated with BMS researchers to publish the study, "A scoping review of burn rehabilitation publications incorporating function outcomes" in *BURNS*. This scoping review examines the breadth of clinical rehabilitation research involving burn injured persons. In addition to researchers from MSKTC (Lynn H. Gerber, MD, Haley Bush, BS, Steven Garfinkel, PhD, Xincheng "Cindy" Cai, PhD), authors also include colleagues from the following NIDILRR-funded Model Systems centers: [The North Texas Burn Rehabilitation Model System](#) (Radha Holavanahalli, PhD), [Northwest Regional Burn Model System](#) (Peter Esselman, MD), [Boston-Harvard Burn Model System](#) (Jeffrey Schneider, MD), and [The Midwest Regional Spinal Cord Injury Care System](#) (Allen Heinemann, PhD). View the abstract [here](#).

### Burn Model System Center Recruiting for LIBRE Profile Survey

[Boston-Harvard Burn Injury Model System Center](#) is recruiting burn survivors for the [LIBRE Profile Survey](#). The LIBRE Profile is an innovative system measuring return to life after burn injury. Participants will be asked to take the survey at five different time points to answer questions related to social recovery. To be eligible, individuals should be burn survivors over 18 years old with burns to more than 5% of their body or to hands, feet, face, or genitalia. Participants will be compensated with an Amazon gift card up to \$100 in value. For screening and volunteer information, call 617-952-6302 or email [bostonharvardbims@partners.org](mailto:bostonharvardbims@partners.org).



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SCI



TBI



Burn



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)

