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Headlines from the MSKTC

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

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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:

September 1-4, 2019
[ASCIP Educational Conference and Expo](#)

September 23-26, 2019
[30th Annual State of the States in Head Injury Meeting](#)

October 2-5, 2019
[Phoenix World Burn Congress](#)

October 16-18, 2019
[2019 International Symposium on Wearable Robotics](#)

Traumatic Brain Injury (TBI)

TBI Model System Researchers to Receive Brain Injury Association of America Awards

Two researchers from Traumatic Brain Injury (TBI) Model System centers will receive awards from the Brain Injury Association of America (BIAA). Jennifer Ann Bogner, PhD, principal investigator for the [Ohio Regional Traumatic Brain Injury Model System](#), will receive the William Fields Caveness Award. This award is given in recognition of an individual who, through research on both a national and international level, has made outstanding contributions to bettering the lives of people who have sustained brain injury. Dr. Bogner also chairs the NIDILRR TBI Model Systems' Strategic Planning Committee. Samantha Backhaus, PhD, co-investigator for the [Indiana University School of Medicine / Rehabilitation Hospital of Indiana Traumatic Brain Injury](#), will receive the Sheldon Berrol, MD, Clinical Service Award. This award is given in recognition of an individual who, through a long service career, has made outstanding contributions to improving the quality of care, professional training, and education in the field of brain injury. Both awards will be presented at the American Congress of Rehabilitation Medicine Annual Conference in November.

TBI Model System Researchers Publish in *The Journal of Head Trauma Rehabilitation*

Researchers from the [Traumatic Brain Injury Model Systems National Data and Statistical Center](#) (Christopher R. Pretz, PhD; Robert G. Kowalski, MD, MS; Jeffrey P. Cuthbert, PhD; and, Jessica M. Ketchum, PhD), the [Rocky Mountain Regional Brain Injury System](#) (Gale G. Whiteneck, PhD) and the [New York Traumatic Brain Injury Model System](#) (Kristen Dams-O'Connor, PhD) recently published an article, "Return to productivity projections for individuals with moderate to severe TBI following inpatient rehabilitation: A NIDILRR TBIMS and CDC interagency collaboration," in *The Journal of Head Trauma Rehabilitation*. Co-author of the article also includes A. Cate Miller, PhD, TBI Model System Program manager. This article was the result of collaboration between the TBI Model Systems Program and the Centers for Disease Control and Prevention. Baseline variables, age of injury, race, level of education and occupational category at the time of injury, disability rating at hospital discharge, substance abuse status, and rehabilitation length of stay are significantly associated with probability of return to productivity. Individual-level productivity trajectories generally indicate that the probability of returning to productivity increases over time. View the abstract [here](#).

October 19-23, 2019
[Society for Neuroscience
 49th Annual Meeting](#)

October 28, 30 &
 November 1, 2019
[2019 Online KT
 Conference](#)

November 3-8, 2019
[ACRM Annual Conference](#)

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

Spinal Cord Injury (SCI)

SCI Model System Researchers Publish in *Archives of Physical Medicine and Rehabilitation*

SCI Model System researchers recently published an article, "Associations between insurance provider and assistive technology use for computer and electronic devices one year after tetraplegia: Findings from the Spinal Cord Injury Model Systems National Database," in *Archives of Physical Medicine and Rehabilitation*. Authors are from the following currently-funded SCI Model System centers: [Rocky Mountain Regional Spinal Injury System](#) (Kimberley R. Monden, PhD; Mitch Sevigny, MS; Jessica M. Ketchum, PhD; Susan Charlifue, PhD; Ellen Severe, OTR/L; Candy Tefertiller, DPT; Jeff Berliner, DO; Jennifer Coker, MPH; and Leslie R. Morse, DO), [Texas Spinal Cord Injury Model System at TIRR](#) (Heather B. Taylor, PhD), and [Mount Sinai Spinal Cord Injury Model System](#) (Stephanie A. Kolakowsky-Hayner, PhD). View the abstract [here](#).

SCI Model System Researchers Publish in *Neurology*

Researchers from the [Northeast Ohio Regional Spinal Cord Injury System](#) recently published an article, "Outcome heterogeneity and bias in acute experimental spinal cord injury: A meta-analysis," in *Neurology*. This study describes difficulties and causes for impaired translation success when translating experimental findings to clinical testing. This study provides empirical evidence of prevalent bias in the design and reporting of experimental SCI studies, resulting in overestimation of the effectiveness. View the article [here](#).

SCI Model System Researcher Participates in WHO's Second Global Rehabilitation 2030

Allen Heinemann, PhD, 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, participated in the [World Health Organization's \(WHO\) Second Global Rehabilitation 2030](#) meeting July 8-9, 2019. The purpose of the meeting was to bring together Member States, international and professional organizations, non-government organizations, rehabilitation experts, and service users to take stock of the progress made toward achieving the joint commitments of the Rehabilitation 2030 initiative. Participants sought to coordinate action and joint commitments among all stakeholders to raise the profile of rehabilitation as a health strategy relevant to all people across the lifespan and across the continuum of care. Dr. Heinemann led development of an editorial that highlights the goals of Rehabilitation 2030, co-authored by eight other editors-in-chief, for simultaneous publication.

MSKTC Recruiting Participants for SCI Consumer Factsheet Testing

The [MSKTC](#) is recruiting individuals with SCI and their caregivers to provide feedback on a new factsheet entitled, "Personal Care Attendants and SCI." 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 to register.

Burn Injury (BURN)

Burn Model System Researchers Publish Article in *Archives of Physical Medicine and Rehabilitation*

Burn Model System researchers recently published the manuscript, "Post-Acute Care Setting is Associated with Employment After Burn Injury," in *Archives of Physical Medicine and Rehabilitation*. This article details the differences in long-term employment outcomes of adult burn survivors by post-acute care setting and found that inpatient rehabilitation facilities provided a long-term benefit for burn survivors' ability to regain employment. Authors are from the following currently-funded Burn Model System centers: [Boston-Harvard Burn Injury Model System](#) (Leda F. Espinoza, BA; Laura C. Simko, BS; Richard Goldstein, PhD; Chloe Slocum, MD, MPH; Julie K. Silver, MD; Ross Zafonte, DO; Colleen M. Ryan, MD; and Jeffrey C. Schneider, MD), [Northwest Regional Burn Model System](#) (Nicole S. Gibran, MD), [North Texas Burn Rehabilitation Model System](#) (David N. Herndon, MD; Oscar E. Suman, PhD; Walter J. Meyer, MD; and Karen Kowalske, MD), and [Burn Model Systems Data Coordination Center](#) (Kara A. McMullen, MPH). View the abstract [here](#).

Burn Model System Center Recruiting Burn Survivors for Two Research Studies

Researchers from the [Boston-Harvard Burn Injury Model System](#) are currently recruiting adult burn survivors from the United States and Canada for a research study using the Life Impact Burn Recovery Evaluation (LIBRE) Profile. The LIBRE Journey Study aims to create social recovery trajectories in each of the domains of the LIBRE Profile: Relationships with Family and Friends, Social Activities, Social Interactions, Work and Employment, Romantic

Relationships, and Sexual Relationships. The LIBRE Profile will be administered at five time points over a two-year period. Participants will be compensated up to \$100 in Amazon gift cards. Burn survivors interested in participating in this study and burn centers interested in disseminating recruitment materials can contact Brian Kelter at (617) 952-6302 or BostonHarvardBIMS@partners.org.

Model System Expands Popular Yoga Class

The [Boston-Harvard Burn Injury Model System Center](#) recently launched a weekly program of free yoga classes open to people living with disabilities, family, friends, and members of the local community. The class started as a monthly program at Spaulding Rehabilitation Hospital, but has grown in popularity and now meets every Tuesday. Instructors lead participants in a gentle vinyasa, or flow yoga, as well as chair yoga, to accommodate participants of all abilities. Mats, chairs, and props are all provided at no charge. Visit the [BH-BIMS Facebook page](#) to learn more about this class.

MSKTC Recruiting Participants for Burn Injury Consumer Factsheet Testing

The [MSKTC](#) is recruiting individuals with burn injury and their caregivers to provide feedback on a new factsheet entitled, "Delirium 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 mstkc@air.org to register.



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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