

Region V



THE
**COMMITTEE
ON TRAUMA**

DECEMBER 3, 2021
W HOTEL – FOSHAY
MINNEAPOLIS, MN

FINAL PROGRAM

REGION 5 LEADERSHIP

Chief David J Schultz, MD FACS, Neenah, WI

State Trauma Chairs

Chicago: James Doherty, MD, FACS, Oak Lawn, IL

Illinois: Henry R. Moore, MD, FACS, Urbana, IL

Indiana: Scott G. Thomas, MD, FACS, South Bend, IN

Michigan: Thomas Joseph Rohs Jr, MD FACS, Kalamazoo, MI

Minnesota: Denise Klinkner, MD, FACS, Rochester, MN

Ohio: Jeffrey A. Claridge, MD, FACS, Cleveland, OH

Wisconsin: Mason G Fisher, MD FACS, LaCrosse, WI

REGION V TRAUMA CONFERENCE

ILLINOIS • INDIANA • MICHIGAN • MINNESOTA • OHIO • WISCONSIN

CME Information

LEARNING OBJECTIVES

- Describe gaps in education specific for the trauma team in different settings.
- Provide ideas and strategies to fulfill these gaps and foster an education environment.
- Review the history and efficacy of trauma systems in the US
- Examine the current state of trauma systems and next steps for optimal care in the US
- Develop triage for OR cases in MCI
- To understand the acute management of these limb injuries
- To raise awareness of campaigns for prevention of these injuries
- Describe the challenges to accurate gun violence epidemiology
- Name the populations most likely to benefit from a public health approach to gun violence prevention.
- Discuss trauma in a rural setting
- Discuss the limitations in rural trauma

DISCLOSURE INFORMATION

In compliance with ACCME Accreditation Criteria, the American College of Surgeons, as the accredited provider of this activity, must ensure that anyone in a position to control the content of the educational activity has disclosed all relevant financial relationships with any commercial interest. All reported conflicts are managed by a designated official to ensure a bias-free presentation. Please see page 4 of this program for the complete disclosure list.

CONTINUING MEDICAL EDUCATION CREDIT INFORMATION

Accreditation

The American College of Surgeons is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

AMA PRA Category 1 Credits™

The American College of Surgeons designates this Other activity (hybrid format: live and enduring) for a maximum of **5.25** AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Of the AMA PRA Category 1 Credits™ listed above, a maximum of **5.25** credits meet the requirements for Trauma.

**The content of this activity may meet certain mandates of regulatory bodies. Please note that ACS has not and does not verify the content for such mandates with any regulatory body. Individual physicians are responsible for verifying the content satisfies such requirements.*



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Claiming Your Credits

STEP ONE | CME EVALUATION

- You must complete the CME Evaluation to receive your credits for this meeting
- Visit: <https://mnsurgicalsociety.org/mncot/#cme>
- Complete the evaluation by **Monday, January 31, 2022**.

STEP TWO | CME CERTIFICATE

- ACS Members can retrieve their CME Certificate for this meeting by logging into their MyCME page, under the “Transcript” option after logging into the <https://cmeapps.facs.org/cme/mycme/home>.
- Your record will be updated by **Monday, February 7, 2022**.
- Non-ACS members will receive their CME Certificate of Completion by email no later than **Wednesday, February 2, 2022**.
- ACS members, need a CME certificate before **February 7, 2022**?
Email janna@mnsurgicalsociety.org.
- Please direct any additional credit claiming requests or questions to MyCME@facs.org.

CEU

This activity has been designed to meet the Minnesota Board of Nursing continuing education requirements. However, the nurse is responsible for determining whether this activity meets the requirements for acceptable continuing education.

Nurses (An activity must last a minimum of 0.25 contact hours or 15 minutes. A full contact hour is equal to 60 minutes, 60 min = 1 Contact Hour CEU)

This activity has been designed to meet the Minnesota Board of Nursing continuing education requirements for **5.25** hours of credit. However, the nurse is responsible for determining whether this activity meets the requirements for acceptable continuing education.

You will receive a certificate after the meeting to claim your credits. If you did not receive your certificate by Wednesday, December 8, 2021, please email janna@mnsurgicalsociety.org.

CME BREAKDOWN December 03, 2021

Credit Summary	CME	Mandates
Building Trauma Systems	0.50	0.50 Trauma
Rural Trauma care	0.50	0.50 Trauma
MCI Planning and Response	0.50	0.50 Trauma
Gun Violence as a Public Health Issue: It's Everyone's Lane	0.75	0.75 Trauma
Summertime Trauma: Fireworks, Lawnmowers, and Boats	0.50	0.50 Trauma
Maintenance of Skills after Trauma Training	0.50	0.50 Trauma
Resident Paper Competition	2.00	2.00 Trauma
CME TOTAL	5.25	5.25 TRAUMA

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Disclosure Information



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Minnesota Surgical Society – Region V Trauma Conference
December 3, 2021
Minneapolis, Minnesota

In accordance with the ACCME Accreditation Criteria, the American College of Surgeons must ensure that anyone in a position to control the content of the educational activity (planners and speakers/authors/discussants/moderators) has disclosed all financial relationships with any commercial interest (termed by the ACCME as an “ineligible company”, defined below) held in the last 24 months (see below for definitions). Please note that first authors were required to collect and submit disclosure information on behalf all other authors/contributors, if applicable.

Ineligible company: Any entity producing, marketing, re-selling, or distributing health care goods or services used on or consumed by patients. Providers of clinical services directly to patients are NOT included in this definition.

Financial Relationships: Relationships in which the individual benefits by receiving a salary, royalty, intellectual property rights, consulting fee, honoraria, ownership interest (e.g., stocks, stock options or other ownership interest, excluding diversified mutual funds), or other financial benefit. Financial benefits are usually associated with roles such as employment, management position, independent contractor (including contracted research), consulting, speaking and teaching, membership on advisory committees or review panels, board membership, and other activities from which remuneration is received, or expected. ACCME considers relationships of the person involved in the CME activity to include financial relationships of a spouse or partner.

Conflict of Interest: Circumstances create a conflict of interest when an individual has an opportunity to affect CME content about products or services of a commercial interest with which he/she has a financial relationship.

The ACCME also requires that ACS manage any reported conflict and eliminate the potential for bias during the educational activity. Any conflicts noted below have been managed to our satisfaction. The disclosure information is intended to identify any commercial relationships and allow learners to form their own judgments. However, if you perceive a bias during the educational activity, please report it on the evaluation.

SPEAKERS / MODERATORS / DISCUSSANTS	NOTHING TO DISCLOSE	DISCLOSURE		
		COMPANY	ROLE	RECEIVED
Michael McGonigal, MD	No			
Christina Moses, MD	No			
Aaron Burnett, MD, FACEP	No			
Stephanie Bonne, MD	No			
Ashish Y Mahajan, MD, FACS	No			
Mariela Rivera, MD	No			
Solhee Lee, MD	No			
Arielle Thomas, MD, MPH	No			
Derek C. Lumbard, MD	No			

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Disclosure Information

SPEAKERS / MODERATORS / DISCUSSANTS	NOTHING TO DISCLOSE	DISCLOSURE		
		COMPANY	ROLE	RECEIVED
Courtney Pokrzywa MD	No			
Jessie Ho, MD	No			
Michael J. Carge, DO	No			
PLANNING COMMITTEE	NOTHING TO DISCLOSE	DISCLOSURE		
		COMPANY	ROLE	RECEIVED
Denise Klinkner MD MEd	No			

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Faculty Information



STEPHANIE BONNE, MD

Associate Professor of Surgery
Rutgers New Jersey Medical School
Newark, NJ

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AARON M BURNETT, MD, FACEP

EMS Medical Director
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ASHISH Y MAHAJAN, MD, FACS

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MICHAEL D MCGONIGAL, MD, FACS

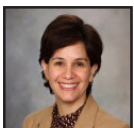
Emeritus Director of Trauma Services
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CHRISTINA MOSES, MD, FACS

General Surgeon, Chief of Surgery and Anesthesia, CoMedical Director of Trauma
Hutchinson Health
Hutchinson, MN



MARIELA RIVERA, MD, FACS

Trauma, Critical Care, General Surgery
Mayo Clinic
Rochester, MN

[@marielariveram](#)

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Agenda

DECEMBER 03, 2021

8:30am

Registration/Exhibits Open

9:00am

Welcome

Denise Klinkner, MD, M.Ed

9:10am-9:40am

Building Trauma Systems

Michael McGonigal, MD

9:40am-10:10am

Rural Trauma Care

Christina Moses, MD

10:10am-10:40am

Break

10:45am-11:15am

MCI Planning and Response

Aaron Burnett, MD, FACEP

11:15am-12:00pm

Keynote Speaker

**Gun Violence as a Public Health Issue:
It's everyone's lane**

Stephanie Bonne, MD

12:00pm-12:45pm

Lunch

12:50pm-1:20pm

Summertime Trauma:

Fireworks, Lawnmowers, and Boats

Ashish Y Mahajan, MD, FACS

1:20pm-1:50pm

Maintenance of Skills after Trauma Training

Mariela Rivera, MD

1:50pm-2:20pm

Break

2:20pm-2:35pm

ABSTRACT #1 | Michigan, Clinical

**SHELTER-IN-PLACE DID NOT REDUCE BURN SERVICE
VOLUME IN A REGIONAL BURN CENTER**

Presenter: Solhee Lee MD

2:35pm-2:50pm

ABSTRACT #2 | Chicago, Clinical

**THE IMPACT OF STAY-AT-HOME ORDERS ON VOLUME
AND MECHANISM OF INJURY: A RETROSPECTIVE
ANALYSIS OF TQIP HOSPITALS ACROSS THE US**

Presenter: Arielle Thomas, MD MPH

2:50pm-3:05pm

ABSTRACT #3 | Minnesota, Clinical

**READMISSIONS FOLLOWING ASSAULT-RELATED
FIREARM INJURY: AN EXAMINATION OF THE
NATIONAL READMISSION DATABASE**

Presenter: Derek C. Lumbard, MD

3:05pm-3:20pm

ABSTRACT #4 | Wisconsin, Clinical

**POSITIVE PRESSURE VENTILATION IS NOT AN
INDEPENDENT PREDICTOR OF PNEUMOTHORAX
OBSERVATION FAILURE IN SEVERELY INJURED
PATIENTS**

Presenter: Courtney Pokrzywa MD

3:20pm-3:35pm

ABSTRACT #5 | Chicago, Basic Science

**TREATMENT WITH A RECOMBINANT CELL REPAIR
PROTEIN ATTENUATES BRAIN LESION SIZE IN A LARGE
ANIMAL MODEL OF TRAUMATIC BRAIN INJURY**

Presenter: Jessie Ho, MD

3:35pm-3:50pm

ABSTRACT #6 | Michigan, Basic Science

**VASCULAR AGING INCREASES SEVERITY OF
ENDOTHELIAL DYSFUNCTION FOLLOWING SHOCK:
AN IN VITRO MODEL**

Presenter: Michael J. Carge, DO

3:50pm-4:00pm

Announcements and Adjournment

4:30pm-5:00pm

Paper Competition Voting (invite only)

6:00pm-8:00pm

Dinner

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Exhibitors

BD
CSL Behring

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