

**MICHIGAN  
PERFUSION  
SOCIETY**



# Michigan Perfusion Society

## 12<sup>th</sup> Annual Summer Conference

*Boyne Mountain Resort*

**August 12-14, 2022**

*The Michigan Perfusion Society is dedicated to promoting the highest standard in quality of patient care and furthering the professional interest of our members. The standards will be achieved through offering continuing education sessions, fostering open forums for the exchange of viewpoints and continuing the ongoing collaboration and monitoring of perfusion practices in the State of Michigan, The Society recognizes the need for an active force reflecting the ever-evolving challenges and opportunities of perfusion science.*

## **2022 Program Agenda**



The Michigan Perfusion Society Annual Summer Conference  
August 12-14, 2022  
Boyne Mountain Resort, Boyne Falls, Michigan

Thank You to all our Meeting Sponsors



**Abbott**

(Joseph Tocco & Jon Tyszkiewicz)



(Holly Ensor)



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(Dan Huges)



(Mark Kastenholz & Takeo Kudhida)



(Eric Ratzlaff & Mat Martinides)



(Jeffrey Sampson)



(Sean Murtha)



(Jim Bitter & Debbie White)



(John Gilbert & Michael Williams)



(Nick Zaia, Jason Schultz & Adriane Elk)



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**Program Directors and Board Members**

Brittney Graebner, CCP  
President, Michigan Perfusion Society  
Chief Perfusionist  
McLaren Bay Region, MyMichigan Health,  
Covenant Healthcare, Ascension St. Mary's  
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Kelsey Schrand, CCP  
Vice President, Michigan Perfusion Society  
Staff Perfusionist  
Bronson Medical Center, Borgess  
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Grant Whittlesey, CCP  
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Director, Pediatric Perfusion  
Children's Hospital of Michigan  
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Olivia Klamt  
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Staff Perfusionist  
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Valerie Michalski, CCP  
Conference Coordinator  
Michigan Perfusion Society  
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Jeffrey Chores, CCP  
Specialty Care  
Past President, MPS  
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David Hoff, CCP  
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Board Member, Michigan Perfusion Society

Robert Owens, CCP  
Perfusion Associates of MI  
Board Member, Michigan Perfusion Society

David Sturmer, CCP  
Michigan Medicine  
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**Contributions to the Daniel T. Zwada Scholarship Fund may be made by making a check payable to the Michigan Perfusion Society and sent to Grant Whittlesey, Treasurer, 32515 Rosenbusch Drive, Warren, Michigan 48088**



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## DANIEL T. ZWADA SCHOLARSHIP AWARD

In 2012 the Michigan Perfusion Society, along with the entire perfusion community, endured a tremendous loss. Daniel Thomas Zwada: mentor, instructor and friend passed away unexpectedly. Dan spent his career as a Director of Perfusion in the Detroit Metropolitan Area. From 2009 through 2012 Dan served as President and founding father of the Michigan Perfusion Society. In 2011 he was recognized, honored and awarded the first Dick and Norma Sarns Award. This award recognized his commitment to the profession, to the society and to life. His legacy will continue through the Dan Zwada Scholarship Award, which was established in 2013 by the Michigan Perfusion Society. An award of \$3000 is presented to a perfusion student in good standing to help defray some of the costs of their perfusion education.

### Scholarship Recipients:

2013 Matthew Mosca

2018 Logan Abrams

2014 Sean Clingan

2019 Matthew Zimmerman

2015 Chelsea Furnish

2020 Michelle Jaskula- Dybka

2016 Kathryn Mettenberg

2021 Nancy Theinert

2017 Alysha Williams

***2022 Carson Schmeck***

### Scholarship Donors:

Robert Owens, Perfusion Associates of MI

Grant Whittlesey

Nina and Theron Paugh

...and thank you to the many golfers  
who share in Dan's love of the game

Valerie Michalski



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**Friday, Aug 12:**

**7:00 am- 11:30 pm**

**Dan Zwada Memorial Golf Outing – [Alpine Golf Course](#)**

**Morning Session**

**[MSTCVS Joint Session with Surgeons – Matterhorn CD](#)**

**7:00 am – 03:00 pm**

**Registration – [West Lobby](#)  
(Reminder: Sign- in daily)**

**7:00 am – 08:00 am**

**Breakfast with Exhibitors – [Mountain Grand Lodge- Vienna AB](#)**

**8:00 am – 08:10 am**

**Welcome – Andrew Chang, MD  
MSTCVS President – [Matterhorn CD](#)**

**8:10 am – 08:40 am**

**Patient Safety and High Reliability: Inspiring Change  
Nicole Templeton, MHSA, RN, CPPS**

**8:40 am – 09:20 am**

**Building a Collaborative Cardiovascular Surgical Practice:  
Common Goals and Aligned Incentives  
Alonso Collar, MD**

**9:20 am – 10:00 am**

**Panel Discussion: The Next Normal  
Moderator: Andrew Chang, MD**

**10:00 am – 10:30 am**

**Break with Exhibitors**

**10:30 am - 11:30 am**

**Midland- MSTCVS Educational and Quality Fund Resident Research Presentations  
Moderator: Rishi Reddy, MD**

**11:30 am – 12:30 pm**

**Lunch– [Outdoor Tent](#)**



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Afternoon Session

**Perfusion Sessions – Arlberg**

Moderator- Kelsey Schrand, CCP

12:30 pm – 1:20 pm

CV Surgery-Associated AKI: Is there anything else we can do?  
Steven Barnes, RN

1:20 pm –2:10 pm

Establishment of a Clinical Quality Initiative on Oxygen Delivery at a National  
Outsourced Perfusion Provider  
Al Stammers, MSA, CCP Emeritus

2:10 pm – 3:00 pm

Single-Dose Components with an Adult-Centered Method: Customizing Cardioplegia  
with the Quest MPS  
Candice Kalin, BS, CCP

3:00 pm – 3:50 pm

The Use of ECMO during the COVID-19 Pandemic: Lessons Learned from a Multi-  
Institutional Database of 700 Consecutive Patients from 61 Hospitals  
Al Stammers, MSA, CCP Emeritus

3:50 pm – 4:40 pm

Perfusion, ATS and Transfusion Trivia  
Susan Wickersham (Roth), MLT, PBMS

4:40 pm – 5:00 pm

Break

5:00 pm – 6:30 pm

Scholarship Award Presentation and Dick Sarns Award  
Robert Owens, CCP and Jeffrey Chores, CCP  
Fireside Round Table Chat Part #1  
Moderator: Carmen Leone, CCP  
COVID and ECMO, Del Nido: For Every Patient, Heparin Alternative  
Clot Monitoring, Involvement above “just pumping”, Willingness to Serve,  
Leadership  
Open Discussion

6:30 pm – 8:00 pm

Reception and Dinner with Surgeons in Honor of Richard Prager, MD– **Outdoor Tent**

8:00 pm – 10:00 pm

Fireside Round Table Chat Part#2 – **Arlberg**  
Moderator: Jason Penn, CCP  
AmSECT Standards & Guidelines Discussion  
Heater / Cooler Protocols, State Quality Projects, Staffing,  
Perfusion Assistants vs Anesthesia Aids, State Pre-Bypass Checklist Template  
Open Discussion



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Saturday, Aug 13:

- 7:00 am – 3:00 pm Registration – **West Lobby**  
(Reminder: Sign- in daily)
- 7:00 am – 8:00 am Breakfast with Exhibitors – **Matterhorn AB**
- 8:00 am – 8:10 am Welcome– **Matterhorn CD**  
Andrew Chang, MD
- 8:10 am – 8:50 am New Perspective on Goal Directed Perfusion: MPS/MSTCVS Joint Speaker  
George Justison, CCP
- 8:50 am- 9:00 am Venue Change to Arlberg & Break
- Perfusion Sessions – Arlberg**
- Moderator- Sean Murtha, CCP
- 09:00 am – 09:40 am Dr. Prager Inaugural Lecture: MSTCVS: The Story of a Statewide Quality Initiative  
Andrew Pruitt, MD
- 09:40 am – 11:10 am PERForm Data Presentation and Discussion  
Donald Likosky, PhD and Don Nieter, DVM, MHSA, CCP Emeritus
- 11:10 am – 12:00 pm 10000 Pictured Accidents  
Michael Colligan, DHA, RN, CCP
- 12:00 pm – 01:30 pm Lunch with Surgeons and Exhibitors – **Outdoor Tent**
- Joint Session with Surgeons – Matterhorn CD**
- 01:30 pm – 04:30 pm MSTCVS Quality Collaborative Meeting  
Moderator: Andrew Pruitt, MD
- MSTCVS QC Mitral Data Review
  - Quality of Data
  - MSTCVS QC CAB Data Review
  - Quality Improvement Presentation
- 04:30 pm – 05:30 pm Break



05:30 pm- 09:00 pm

Perfusion Banquet– **Stein Eriksen Patio**



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**Sunday, Aug 14:**

7:30 am – 8:30 am

Breakfast with our Surgeons – **Vienna A**

**Perfusion Sessions – Vienna B**

Moderator- Jeff Chores, CCP

7:00 am – 11:30 am

Registration – **Vienna B**  
(Reminder: Sign- in daily)

8:00 am – 8:50 am

Importance of Patient Blood Management in a Time of Restricted Blood Availability  
Ways to Do More with Less  
Bradford Ray, RABT, PBMT, BC

8:50 am – 9:40 am

GDP in Special Populations  
George Justison, CCP

9:40 am – 10:30 am

Essenz Patient Monitor and B- Capta  
Adam Cesnales, CCP Emeritus

10:30 am- 11:20 am

Leadership  
Himanshu Patel, MD

10:30 am - 11:20 am

High-Pressure Excursion: Case Report, Literature Review, and Mitigations  
Steve Dove, MA, PA, CCP Emeritus

11:20 am - 12:10 pm

Using Do2 as Another Tool to Improve Outcomes  
Carmen Leone, CCP

12:10 pm

Closing Remarks – Adjourn – “SEE YOU NEXT YEAR”!



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**2022 Annual Michigan Perfusion Society Meeting Faculty**

Stephen Barnes, Sr., BSN, RN bioMerieux, Inc. Brookhaven, GA	Valerie Michalski, CCP Comprehensive Care Services Allen Park, MI
Dr. Andrew Chang, M.D. MSTCVS President University of Michigan Ann Arbor, MI	Sean Murtha, CCP Orrum Clinical Analysis Novi, MI
Jeffrey Chores, CCP Specialty Care Sterling Heights, MI	Don Nieter, DVM, MHSA, CCP Emeritus PerForm Registry Director Ann Arbor, MI
Dr. Alonso Collar, M.D. MyMichigan Health Midland, Michigan	Robert Owens, CCP Perfusion Associates of Michigan Saginaw, MI
Michael Colligan, DHA, RN, CCP Orrum Clinical Analysis Richmond, Texas	Dr. Himanshu Patel, M.D. Michigan Medicine Ann Arbor, MI
Andrew Cesnales, CCP Emeritus Account Executive and Clinical Specialist Liva Nova	Jason Penn, CCP Comprehensive Care Services Florida
Steve Dove, MA, PA, CCP Emeritus Terumo Cardiovascular Boynton Beach, Florida	Dr. Andrew Pruitt St. Joe Hospital Director, MSTCVS Quality Collaborative Director Trinity Health St. Joseph Mercy Ann Arbor, MI
Matthew Facktor, MD, FACS Geisinger Heart and Vascular Institute Danville, PA	Bradford Ray, LP, PBMT Director, Patient Blood Management El Paso, Texas
Brittney Graebner, BSN, CCP Perfusion Associates of Michigan Saginaw, MI	Kelsey Schrand, CCP Comprehensive Care Services Kalamazoo, MI
George Justison, CCP Clinical Manager of Perfusion University of Colorado Denver Denver, Colorado	Al Stammers, MSA, CCP Emeritus Vice President, Clinical Quality and Outcomes Specialty Care Sweet Valley, Pennsylvania
Candice Kalin, BS, CCP WellStar Health Atlanta, Georgia	Nicole Templeton, MHSA, RN, CPPS Michigan Medicine Ann Arbor, MI
Carmen Leone, CCP Terumo Cardiovascular Chelsea, MI	Susan Wickersham MLT, PBMS Liva Nova Clinical Services Columbus, Ohio
Donald Likosky, Ph.D MSTCVS Quality Collaborative University of Michigan Ann Arbor, MI	

