



2025 FRITZ WENZEL SCIENCE CONFERENCE

Celebrating 39 Years of Healthcare, Science, Research and Education

Marshfield Clinic Health System, Robert F. Froehlke Auditorium, 1000 North Oak Ave., Marshfield, WI 54449

Saturday, February 15, 2025

8:15 a.m.	Registration <i>Laird Center for Medical Research, Erdman Lobby</i>
8:45 a.m.	Welcome by Fritz Wenzel, MBA, FACMPE <i>Laird Center for Medical Research, Robert F. Froehlke Auditorium</i>
9:00 a.m.	Discover Your Purpose Thomas Gibson, PhD, Ed.D – University of Wisconsin – Stevens Point Chancellor <i>Laird Center for Medical Research, Robert F. Froehlke Auditorium</i>
10:00 a.m.	Break/Move to Workshop #1
10:15 a.m.	WORKSHOP #1
A1	An Evolving Endeavor Through the Mystical Mind Presented by: Justin Schoen, MD, Psychiatry, Marshfield Medical Center <i>Laird Center for Medical Research, Robert F. Froehlke Auditorium</i>
B1	Morgue Tour WARNING: graphic images/content! Presented by: Crystal Cordell, MD, Pathology, Marshfield Medical Center <i>Main Building, Conference Room GE73: Meet outside the auditorium in the skywalk. Escort available.</i>
C1	Robotics in Healthcare Presented by: Jennifer Ewert, RN, Ambulatory Surgery, Manager – Surgical Services and Kayla Orcholski, Surgical Technologist, Team Lead, Marshfield Medical Center <i>Marshfield Medical Center: Meet in the skywalk. Escort available.</i>
D1	Radiology Presented by: Dana Buttke, Education Program Faculty – School of Radiology, Marshfield Medical Center <i>Laird Center for Medical Research, Laird 52 Radiology SIM Lab: Meet outside the auditorium by the stairwell. Escort available.</i>
E1	Simulation Lab Presented by: Simulation Lab Educators, Clinical Education, Marshfield Medical Center <i>Main Building, Simulation Lab: Meet outside the auditorium near the skywalk. Escort available.</i>
F1	Pharmacy Experience Presented by: John Macdonald, PharmD and Basem Elsayed, PharmD, Marshfield Medical Center <i>Medical Library, Bromberg Room: Meet outside the auditorium. Escort available.</i>
G1	What is Histology and Why Should We Care? Presented by: Kelsey Springstroh, Lab Operations Manager and Caroline Raycher, Program Coordinator/Histology Technician, Marshfield Medical Center <i>Laird Center for Medical Research, Marshfield Laboratory: Meet outside the auditorium near TV. Escort available.</i>
H1	Hands-On Health Career Exploration through Virtual Reality Presented by: Tyler Schmidt, Pathway Program Coordinator, Wisconsin Area Health Education Centers <i>Laird Center for Medical Research, Laird 50 Meet outside the auditorium. Escort available.</i>
11:00 a.m.	Move to Workshop #2
11:15 a.m.	WORKSHOP #2
A2	Ticks and Tick-borne Diseases: An Evolving Wisconsin Story Presented by: Thomas Fritsche, MD, Emeritus Researcher, Integrated Research and Development Lab-MCRI <i>Laird Center for Medical Research, Robert F. Froehlke Auditorium</i>
B2	Morgue Tour WARNING: graphic images/content! Presented by: Crystal Cordell, MD, Pathology, Marshfield Medical Center <i>Main Building, Conference Room GE73: Meet outside the auditorium in the skywalk. Escort available.</i>
C2	Robotics in Healthcare Presented by: Jennifer Ewert, RN, Ambulatory Surgery, Manager – Surgical Services and Kayla Orcholski, Surgical Technologist, Team Lead, Marshfield Medical Center <i>Marshfield Medical Center: Meet in the skywalk. Escort available.</i>
D2	Radiology Presented by: Dana Buttke, Education Program Faculty – School of Radiology, Marshfield Medical Center <i>Laird Center for Medical Research, Laird 52 Radiology SIM Lab: Meet outside the auditorium by the stairwell. Escort available.</i>



E2	Simulation Lab Presented by: Simulation Lab Educators, Clinical Education, Marshfield Medical Center <i>Main Building, Simulation Lab: Meet outside the auditorium near the skywalk. Escort available.</i>
F2	Pharmacy Experience Presented by: John Macdonald, PharmD and Basem Elsayed, PharmD, Marshfield Medical Center <i>Medical Library, Bromberg Room: Meet outside the auditorium. Escort available.</i>
G2	What is Histology and Why Should We Care? Presented by: Kelsey Springstroh, Lab Operations Manager and Caroline Raycher, Program Coordinator/Histology Technician, Marshfield Medical Center <i>Laird Center for Medical Research, Marshfield Laboratory: Meet outside the auditorium near TV. Escort available.</i>
H2	Hands-On Health Career Exploration through Virtual Reality Presented by: Tyler Schmidt, Pathway Program Coordinator, Wisconsin Area Health Education Centers <i>Laird Center for Medical Research, Laird 50 Meet outside the auditorium. Escort available.</i>
12:00 p.m.	Lunch
12:45 p.m.	Move to Workshop #3
1:00 p.m.	WORKSHOP #3
A3	Nursing Education & Career Panel Discussion – Mary Ann Wenzel Scholars Thanks to the generous support of the Wenzel family, each year, a MCHS/MMC nurse or nurse in training is selected to receive the Mary Ann Wenzel Nursing Scholar Award. Moderated by Vicky Varsho, Regional Chief Nursing Officer, Marshfield Medical Center <i>Laird Center for Medical Research, Robert F. Froehlke Auditorium</i>
B3	Morgue Tour WARNING: graphic images/content! Presented by: Crystal Cordell, MD, Pathology, Marshfield Medical Center <i>Main Building, Conference Room GE73: Meet outside the auditorium in the skywalk. Escort available.</i>
C3	Robotics in Healthcare Presented by: Jennifer Ewert, RN, Ambulatory Surgery, Manager – Surgical Services and Kayla Orcholski, Surgical Technologist, Team Lead, Marshfield Medical Center <i>Marshfield Medical Center: Meet in the skywalk. Escort available.</i>
D3	Radiology Presented by: Dana Buttke, Education Program Faculty – School of Radiology, Marshfield Medical Center <i>Laird Center for Medical Research, Laird 52 Radiology SIM Lab: Meet outside the auditorium by the stairwell. Escort available.</i>
E3	Simulation Lab Presented by: Simulation Lab Educators, Clinical Education, Marshfield Medical Center <i>Main Building, Simulation Lab: Meet outside the auditorium near the skywalk. Escort available.</i>
F3	Pharmacy Experience Presented by: John Macdonald, PharmD and Basem Elsayed, PharmD, Marshfield Medical Center <i>Medical Library, Bromberg Room: Meet outside the auditorium. Escort available.</i>
G3	What is Histology and Why Should We Care? Presented by: Kelsey Springstroh, Lab Operations Manager and Caroline Raycher, Program Coordinator/Histology Technician, Marshfield Medical Center <i>Laird Center for Medical Research, Marshfield Laboratory: Meet outside the auditorium near TV. Escort available.</i>
H3	Hands-On Health Career Exploration through Virtual Reality Presented by: Tyler Schmidt, Pathway Program Coordinator, Wisconsin Area Health Education Centers <i>Laird Center for Medical Research, Laird 50 Meet outside the auditorium. Escort available.</i>
1:45 p.m.	Move to Robert F. Froehlke Auditorium
2:00 p.m.	From High School to PhD: Pursuing a Career in Science Sam Wenzel, PhD - University of Texas-Austin My Journey Through Education to a Career in Healthcare Emma Huettl, SPT - Northwestern University <i>Laird Center for Medical Research, Robert F. Froehlke Auditorium</i>
3:00 p.m.	Closing Remarks – Drawing for Prizes



WORKSHOP SESSION DESCRIPTIONS

B	Morgue Tour WARNING: graphic images/content! What types of deaths must be reported to the coroner in Wisconsin? What is the purpose of an autopsy and when are autopsies least likely to provide useful information? Find out the answers to these questions plus the history of autopsies, procedures, and various findings, not to mention, a tour of the actual Marshfield Medical Center's morgue. Max Capacity: 15
C	Robotics in Healthcare The daVinci® Xi Surgical System is an advanced robotic system designed to expand surgeon's capabilities to provide minimally invasive options for hysterectomy, prostatectomy, nephrectomy, cystectomy, adrenalectomy, thoracotomy, cholecystectomy, hernia repair, bowel resection, bariatric surgery and more. This daVinci® system features a magnified 3D high-definition vision system and tiny wristed instruments that bend and rotate far greater than the human wrist, yet the surgeon is 100% in control of the system. All this coupled with FireFly (Fluorescence Imaging) capabilities make this system a state-of-the-art option for extremely precise surgery. Interact with this cutting-edge technology to get a glimpse of a surgeon's role. Max Capacity: 10-15
D	Radiology Have you ever heard the term eyes of medicine? In the field of Radiology, you can have the eyes of medicine. Radiology is the grounding for all patient diagnosis. Would you like to be a part of that? This session will provide you with knowledge about the field of Radiology, different job opportunities within the field, and information about education pathways to obtain a certification in Radiologic Technology. We will have hands on practice with a simulated x-ray room and a fun interactive game involving unique Radiographic images. Max Capacity: 10
E	Simulation Lab The Simulation Lab will display various types of simulation trainers. Learners will have a hands-on learning experience with high fidelity mannequins, high tech simulators. These simulators assist providers with learning patient care skills and now you can learn more about these tools. Please join us for some hands-on training experiences! Max Capacity: 15-20
F	Pharmacy Experience Wondering what happens in pharmacy? This session will provide background on the pharmacy profession. You will observe the steps involved in preparing a prescription or medication order, including the stages the pharmacist takes in verifying the accuracy (e.g., dose, drug interactions). Curious about compounding or preparing medications? This is your opportunity to observe a pharmacist compound a prescription product and prepare a medication for administration. Max Capacity: 10
G	What is Histology and Why Should We Care? Ever wonder what happens in the lab after a biopsy is taken? This workshop will provide a hands-on experience with embedding and staining tissues to slides. There will be a demonstration on how to properly cut a tissue block as well as a tour of the Histology lab with an overview of the different areas. Required Dress Code (per OSHA guidelines): <ol style="list-style-type: none">1. Appropriate footwear is required. High-heels, open-toed shoes, sandals, and flip-flops are NOT allowed. Non-slip soles are recommended, tennis shoes are best.2. Stockings must be worn; legs must be covered below pant/skirt hemlines. Shorts are NOT



	<p>allowed.</p> <p>3. NO food or beverages are allowed in the Lab, this includes capped water bottles.</p> <p>Max Capacity: 5</p>
H	<p>Hands-On Health Career Exploration through Virtual Reality</p> <p>Join WI AHEC for a hands-on, innovative experience to explore healthcare careers through the immersive lens of Virtual Reality. Through these realistic virtual reality scenarios, students will have the opportunity to provide care in six various healthcare careers including, RN, EMT, Surgical Tech, Radiology Tech, Medical Assistant and Pharmacy Tech!”</p> <p>Max Capacity: 20</p>

**REMINDER: Please respect the privacy of others and DO NOT videotape or take photos during the workshops.*

General Information

This conference offers an array of lectures, demonstrations, hands-on workshops, and tours, designed to inspire high school students to pursue a career in the science field and encourage high school science teachers to enhance their classroom environment by incorporating the most relevant aspects of healthcare science and technology.

In appreciation for his dedication and service to Marshfield Medical Center, this conference was renamed in 1999 to the Fritz Wenzel Science Conference. Fritz Wenzel served as Executive Director of Marshfield Medical Center from 1976 to 1993 and was instrumental in the growth and success of this organization.



What past participants had to say...

“Extraordinary day and program. Learned a lot. Great topics. Superior presenters.”

“I had such an amazing time! It was phenomenal! It was an awesome experience, and I learned a lot.”

“Time is going so fast, it so interesting, 20 minutes feels like 5 minutes!”

“I loved hearing their stories about how they went through college and all of the awesome things they do for their jobs.”

“This was my first experience with this conference, and I was blown away by the dedication of Fritz to this mission.”

Location

The conference will be held at the Robert F. Froehlke Auditorium, Laird Center for Medical Research, Marshfield Clinic Health System, Inc. (MCHS), 1000 North Oak Avenue, Marshfield, WI 54449.

Registration

Thanks to the generous support of the Wenzel Family and MCHS, registration fees have been reduced to \$10 for students and \$25 for teachers.

Advanced registration and payment is required. **Early registration ends Friday, January 31, 2025.** Registrations received after this date increase by \$25. You will receive confirmation within two (2) weeks of registering. The registration fee includes continental breakfast, lunch, and break snacks.

Students must be high school aged or older. All students must attend with a registered teacher chaperone, with a maximum of **four** students per chaperone. **In an effort to offer each participant at least one (1) hands-on/tour**



workshop, each participant must register to attend at least one (1) workshop held in the Robert F. Froehlke Auditorium for the day. Registration is first come, first served. Seating is limited.

Marshfield Clinic Health System/Marshfield Medical Center reserves the right to change or move workshop attendees as deemed necessary.



Marshfield Clinic Health System complies with the Americans with Disabilities Act. If you desire special accommodations, please advise us when you register. All requests are kept confidential.

How to Register?

Register online by clicking this link - <https://www.surveymonkey.com/r/KQCPDNZ>

- *The following information is required upon registration: participant's names, school, school address, teacher's phone number and email address, preferred workshops, and any special dietary requirements.*

Awaiting Approval to Attend?

If your registration is dependent upon approval from your school, do not hesitate to register now. You may cancel your registration without penalty until Friday, January 31, 2025.

Cancellation Policy

For cancellations received February 1 - 7, 2025 your registration fee less a \$10 administrative fee will be given. No refunds will be given after Friday, February 7th. To cancel, call 715-389-3776.

MCHS/MMC reserves the right to cancel the conference due to insufficient enrollment or inclement weather. Registration fees will be refunded in full for these types of cancellations.

Scholarship Information

In addition to reduced registration fees, there are a very limited number of scholarships available for students and teachers, for more information and to request a submission form, please contact Southern Gruen at gruen.southern@marshfieldclinic.org. The scholarship application deadline is January 24, 2025.

Handouts

Handouts will be provided to registered participants electronically prior to the conference.

Attire

Casual attire is appropriate for this conference. Since meeting room temperatures and personal comfort levels vary, it is recommended that you bring a sweater or jacket to the educational activities. Coat closet available.

Electronic Devices

As a courtesy to conference attendees, we request that all electronic devices be silenced during educational sessions. If you must use your electronic device, we request that you use the vibration ringing mode and step outside the meeting room, so you do not disturb other attendees.

Parking

Parking lots L and B are designated for conference participants. Please see parking map below.

Further Information

Requests for further information should be directed to Tanya Esser, Marshfield Clinic Health System at esser.tanya@marshfieldclinic.org, 715-389-3776.

