



## 2022 FRITZ WENZEL SCIENCE CONFERENCE

Saturday, February 19, 2022

Celebrating 36 Years of Healthcare, Science, Research and Education Virtually via WebEx

8:45 AM	Welcome by Fritz Wenzel, MBA, FACMPE
9:00 AM	<i>The Youngest Science: Essays from the History of Medicine</i> William Melms, MD, MHA, Chief Medical Officer, Marshfield Clinic Health System, Executive Director-Interim, Marshfield Clinic Health System Dr. Bill Melms is a hard-working, dedicated physician. He is committed to his practice providing the best medical care possible to the Marshfield Clinic Health System.
9:45 AM	<b>Workshop #1</b>
	<i>Morgue Tour</i> <b>WARNING: graphic images/content</b> Crystal S. Cordell, MD, Pathology, Marshfield Medical Center, Marshfield, WI 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 virtual tour of the actual Marshfield Clinic Health System's morgue.
	<i>Taking Patient Care to New Heights: A Day in the Life of the Life Link III Helicopter Crew</i> Colleen V. Reid, BSN, RN-CEN, CFRN, Flight Nurse, Life Link III, Marshfield, WI Join us during this session to learn more about the type of crew aboard Life Link III, the equipment and tools they use, and how YOU can get on the path to becoming a future crew member!
	<i>Robotics in Healthcare</i> Jennifer Ewert, BSN, RN, Outpatient Surgery Team Leader, Marshfield Medical Center, Marshfield, WI Tammy Niles, ST, Inpatient Surgery Team Leader, Marshfield Medical Center, Marshfield, WI 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. Virtually interact with this cutting-edge technology to get a glimpse of a surgeon's role.
10:30 AM	Break
10:45 AM	<i>A Pandemic Presentation via a Virtual State of Mind!</i> Justin W. Schoen, MD, Addiction Psychiatry, Marshfield Medical Center, Marshfield, WI Psychiatry has continued to evolve and a growing number of means to relieve symptomatology have been developed. New methods of psychiatric treatment include a variety of neurostimulation techniques such as electroconvulsive therapy, deep brain stimulation, vagal nerve stimulation, and transcranial magnetic stimulation, as well as evolving utilization of smart technology. With each treatment comes a number of risks and benefits. Learn more about each new therapeutic option, as technology is changing the way we view and treat mental illness.
11:30 AM	<b>Workshop #2</b>
	<i>Morgue Tour</i> <b>WARNING: graphic images/content</b> Crystal S. Cordell, MD, Pathology, Marshfield Medical Center, Marshfield, WI *See description above
	<i>Taking Patient Care to New Heights: A Day in the Life of the Life Link III Helicopter Crew</i> Colleen V. Reid, BSN, RN-CEN, CFRN, Flight Nurse, Life Link III, Marshfield, WI *See description above
	<i>Robotics in Healthcare</i> Jennifer Ewert, BSN, RN, Outpatient Surgery Team Leader, Marshfield Medical Center, Marshfield, WI Tammy Niles, ST, Inpatient Surgery Team Leader, Marshfield Medical Center, Marshfield, WI *See description above
12:15 PM	Lunch (on your own)
12:45 PM	Scott Hebbing, PhD, Research Scientist-Genetics, Center for Precision Medicine Research Dr. Hebbing is a Research Scientist in the Center for Precision Medicine Research at Marshfield Clinic Research Institute. He completed his doctoral training at Mayo Clinic with a focus on pharmacogenomics.
1:45 PM	Closing Remarks with Fritz Wenzel



## General Information

This conference offers an array of lectures, virtual demonstrations 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 Clinic Health System, this conference was renamed in 1999 to the Fritz Wenzel Science Conference. Fritz Wenzel served as Executive Director of Marshfield Clinic Health System from 1976 to 1993, and was instrumental in the growth and success of this organization.



## **Here is what 2021 participants had to say...**

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

*"Dr. Schoen is an excellent presenter who has an extraordinary way of keeping the audience fully interested at all times while they are also learning so much."*

*"Appreciated the insights into the work-life balance of pathologists."*

*"I see flight for life flying all the time. It was amazing seeing what everyday life is like for first Responders."*

*"This was my first experience with this conference and I was blown away by the dedication of Fritz to this mission. So important for students -- especially as they are entering high School. Looking forward to attending in person someday - thanks for offering it virtually this year."*

## Location

The conference will be held virtually via WebEx, login details will be provided with the electronic handouts.

## Registration

Thanks to the generous support of the Wenzel Family and MCHS, all registration fees have been waived. Advanced registration is required. You will receive confirmation within two (2) weeks of registering. Please note, there is no minimum participation for this year's conference, all students and teachers are welcome!

## ***How to Register?***

***Register online by clicking the following link: [2022 Science Conference Registration Form](#)***

- *Participant names and email addresses required upon registration.*

## ***Cancellation Policy***

To cancel, call 1-866-894-3622, ext. 9-3776 or email Tanya Esser at [esser.tanya@marshfieldclinic.org](mailto:esser.tanya@marshfieldclinic.org)  
Marshfield Clinic Health System reserves the right to cancel the conference for any reason.

## Handouts

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

## Further Information

Requests for further information should be directed to Tanya Esser, Marshfield Clinic Health System CME at [esser.tanya@marshfieldclinic.org](mailto:esser.tanya@marshfieldclinic.org), 715-389-3776 or 1-866-894-3622, ext. 9-3776.