

Director's Report



Frederick Wenzel,
Interim Executive
Director

Since assuming my responsibilities at the Foundation late last year, I've been reviewing its processes and procedures many of which have been in place for several years. Of my many observations, I found that some of our systems were not functioning as efficiently and effectively as they could. These can consume significant time and effort on the part of the staff. To achieve these ends it is necessary to make some changes in the processes and procedures as well as some reassignments of staff. This is still under study, but some of the changes have already occurred. We have a new chairman for the IRB and I've asked BIRC to restart work on implementing the electronic IRB system (iRIS). That project should be completed soon.

I've also been discussing the medical and management leadership of CRC with Drs. Haws, Onitilo and Ziemba and together we developed a new structure for the leadership of that Center. Dr. Haws is now Medical Director and Dr. Ziemba was appointed Interim Center Director. Steve will spend about 80% of his time with the Center and for the remainder he will work with me on special projects. Those departments reporting to him will continue for the time being. We are looking at how we can make the reporting structure most efficient.

When the Center Directors met this past week, we had a discussion about the support services and how they could be made more effective and efficient as well. This is now under study and while we do not anticipate major changes there will be some reorganization. When and how that will occur will be announced shortly. All of this is to increase the ability to respond as quickly as possible to opportunities we see for grants and contracts. We also want to have a process that will help the scientists in their work as they apply for grants and contracts. These processes have become more complicated over the years with government and other regulations to which we must comply.

The budget process is moving into its final phase. The staff that provided input and Fiscal Affairs did a great job and I want to thank each and every one for their effort. The budget will be presented to Clinic leadership on August 5th and will move from there to the Trustees and then to the System Board in September. As part of the budgeting process I asked the scientists to project the applications that will be made next year for both grants and contracts. I was impressed with the number and variety of studies that will be pursued, especially those to be submitted to the NIH and the CDC. There's no question in my mind that we will have an outstanding year in 2017. This again is due to the hard work of our scientists and the entire staff. Congratulations to all!

Associate Director's Report



Steve Ziemba,
Associate Director

You may have noticed that our organization has been taking on new initiatives. MCRF is no exception. That said, sometimes new initiatives have setbacks. It's one way we can learn and in the end what we are working on comes out all the better. Sometimes these setbacks are not obvious. This is why we need each of you to be observant and express your thoughts and ideas.

That said, a recent setback on a new hobby of mine occurred that was most definitely obvious. I've taken up beekeeping, both for the gardening I do and the honey, but also to help maintain the bee population, which has been declining. My setback is below...



This is what happens when a bear finds your beehive. The bee colony is actually fine; I was able to put the pieces back together with only a few frames destroyed.

But as I mentioned above that setbacks are a learning opportunity, I'll be making a few changes in where the hive is located (area away from the woods) and how it is protected (a fence). We'll have similar experiences

here, minus the bear and bees, but in the end the work we do will be all the better for it.

Institute for Oral and Systemic Health (IOSH) Hosts Student Intern from UWSP



The Institute for Oral and Systemic Health (IOSH) hosted Krista Reinart as a student intern from June 2016 – July 2016. A native of Wisconsin Rapids, WI, Krista graduated with an associate degree in Health Informatics and Information Management in 2014 from Mid-State Technical College. She is currently attending the University of Wisconsin Stevens Point to pursue a Bachelor of Science degree in Health Information Management and Technology and will be graduating in August 2016 to pursue a career in the Madison, WI area. Krista's internship project was centered on a quality improvement dashboard for dentists and physicians that focuses on patients

with an active diabetes diagnosis. During her internship she researched and designed a prototype that will lay the groundwork for the diabetes section of the dental quality improvement dashboard to be implemented in the future.

MCRF On The Move

“MCRF On The Move” is a recurring section of *Research Matters* where you can find information about the new roles, new locations, and new opportunities for MCRF staff.

Marshfield Clinic's **Employee Referral Program (ERP)** is intended to reward employees who refer candidates for open positions. This program promotes the referral of candidates from external sources and provides employees who refer such candidates with the opportunity to earn a referral bonus in accordance with the program guidelines. Visit HR's [Employment Center](#) website to learn whether any ERP-bonus eligible positions currently available are appropriate for a qualified candidate you would like to refer.

Recent Publications, Grants, and Awards

This column is to highlight recent accomplishments of MCRF researchers and MC clinical investigators.

Please select the hyperlink to view recent [publications](#) and [grants](#).

If you have recently published an article or received a grant or an award and want it included in the next issue of *Research Matters*, please contact Patti Baer at baer.patricia@mcrf.mfldclin.edu

For more, please visit <http://www.marshfieldresearch.org/>

Scientist highlights MCRF vaccine research locally and abroad



Dr. Huong McLean was invited to participate in the workshop on “Monitoring seasonal vaccine effectiveness influenza in the European Union,” which was held in Veyrier du Lac, France from June 23-24. The workshop brought together all partners and key influenza vaccine effectiveness experts from European and non-European institutes. The objectives of the workshop included presentation of results of the influenza vaccine effectiveness and impact studies conducted in 2015-16 and discussion of methodological issues of influenza vaccine effectiveness studies. Dr. McLean was invited to present the results of MCRF’s study on the effect of statin use on influenza vaccine

effectiveness. Dr. McLean had previously presented the results of this study at the XVIII International Symposium on Respiratory Viral Infections in Lisbon, Portugal March 31-April 2 and the manuscript has been recently accepted for publication in *The Journal of Infectious Diseases*.

Dr. McLean was also invited to speak at the 2016 HPV Vaccine Summits on the results from Marshfield Clinic’s BRAVO initiative to improve HPV vaccine coverage among adolescents throughout the health system. The HPV Summits were held in Wausau, WI on May 11 and Milwaukee, WI on May 12 and organized by the Wisconsin Immunization Program, the Wisconsin Chapter of the American Academy of Pediatrics (AAP), Wisconsin Area Health Education Centers (AHEC), and Wisconsin Comprehensive Cancer Control Program (WI CCCP). Dr. Andrew Urquhart from the Department of Otolaryngology/Head and Neck Surgery and Dr. Anthony Evans, Gynecologic Oncology, also had presentations at the HPV Summit in Wausau on “Cancer of the Head and Neck and HPV Infection” and “HPV and Women’s Cancer,” respectively.

Encuentro! NFMC hosts event to thank study participants, colleagues

An estimated 40 to 60 percent of Wisconsin's dairy workforce are Hispanic immigrants, and particularly vulnerable to injury. The *Seguridad en las Lecherias* (Safety in Dairies) project sought to improve worker safety and health by testing a culturally appropriate occupational intervention to reduce worksite hazards and improve knowledge and practices.

The National Farm Medicine Center hosted an appreciation event on July 12th to honor dairy producers and workers who participated in the five-year project, which wraps up this fall. The day included workshops, focus groups and a certificate ceremony.

"It was great to hear from our *promotores* (community health workers) and producers," said Migrant Clinicians Network's Amy K. Liebman, M.P.A., M.A. "Our preliminary findings, including the July 12 focus groups, suggest an impressive impact."

The Farm Center and Migrant Clinicians Network, with support from the National Institute for Occupational Safety and Health (NIOSH)-funded Upper Midwest Agricultural Safety and Health Center, conducted *Seguridad*. The project partnered with 68 dairy farms in Wisconsin, training 850 workers and more than 50 *promotores*.



Seguridad partners represented at the event also included the University of Wisconsin-River Falls, Puentes/Bridges, Inc. and the Mexican Consulate of St. Paul, MN.

Preliminary data indicate a significant increase in knowledge among the workers trained.

"This includes workers employed on the control farms and those on the intervention farms - those that utilize the community health worker model," Liebman said. "For our farms piloting the community health worker model, our preliminary analysis suggests both the community health worker and farmer believe the program is having an impact and that they report an important continuity of an emphasis on safety beyond the initial worker training period. We look forward to analyzing the data in full in the coming months."

A paper describing the *Seguridad* intervention model appeared in [Journal of Agromedicine](#) in 2014.

A more recent manuscript, "[Immigrant dairy workers' perceptions of health and safety on the farm in America's Heartland.](#)" (American Journal of Industrial Medicine) reported on data collected from five focus groups of Hispanic, immigrant dairy workers. Findings indicated that
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NFMC hosts event *(continued from previous page)*

injury management practices ranged from benevolent to threatening, and that immigrant status and fear of deportation influenced injury and hazard reporting.

“It was a privilege to tell their stories,” said Iris Reyes, M.P.H., *Seguridad* coordinator for NFMC. “This project enabled us to provide valuable services and establish solid relationships with farming communities throughout Wisconsin. I hope that we can build on this foundation long after this project ends.”

The *Seguridad* collaborating organizations are currently discussing next steps and funding opportunities.

SRIP Research Symposium Schedule Announced

On Thursday, August 11th, MCRF will host a Research Symposium to conclude the Summer Research Internship Program in Froehle Auditorium. The symposium begins at 10am with opening comments from Fritz Wenzel, MCRF Interim Executive Director; Tom Boldt, Chief Executive Officer, The Boldt Company - sponsor of the Summer Research Internship Program; and Dr. Huong McLean, SRIP Director. The presentations will be followed by a luncheon in the Erdman Lobby. Staff, scientists, and physicians are invited to attend as many of the presentations as schedules allow.

Presentation Schedule

- 10:10-10:30 Colin Korlesky – “Comparison of Stillbirth and Miscarriage between Singleton and Multifetal Gestation Populations”
- 10:30-10:50 Matthew Eidschink – “Phenome-Wide Association Study Utilizing Imputation Identifies Common Genetic Variants Shared by Type 1 Diabetes and Multiple Diseases”
- 10:50-11:10 Yiqing Zhao – “Development of a big data toolset for identifying functional genetic variants”
- 11:10-11:20 Break
- 11:20-11:40 Grayson Cole - “Developing a Pediatric database: implication for Dental Caries Risk Assessment”
- 11:40-12:00 Emma Seagle – “Factors associated with recurrent influenza infection, 2004-2015”
- 12:00-12:20 Fran Lendacki – “Impacts of Clinician Knowledge, Attitudes and Beliefs on Rates of Human Papillomavirus Vaccination Among Adolescents in the Marshfield Clinic Health System, 2015- 2016”
- 12:20-12:25 Fritz Wenzel, Close

If you cannot attend in person, the event will be streamed live on MediaSite:

<http://mediasite.mfldclin.edu/Mediasite/Play/a63872c76fff42e9bc7d3b85c8f050631d>

Keep an eye on the [SRIP webpage](#)! Abstracts for each presentation will be posted prior to the Symposium.

IOSH to Sponsor Health Innovation Chat on August 9th

In recent times Health Informatics and Information Technology (HIIT) has been a key driver in facilitating major transformation in several aspects of healthcare field. The Health Innovation Chat (HIC) is an effort to bring together individuals interested in the area of HIIT from the different corners of the Marshfield Clinic Health System to discuss specific technological ideas and its potential application to the healthcare field.

The Institute for Oral and Systemic Health (IOSH) will be sponsoring these chat sessions, which will be held periodically throughout the year at the Laird Center for Medical Research. These Health Innovation Chats will be semi-moderated by a volunteering individual who introduces a topic of interest via a short presentation, demo or an even video during the first 15 minutes of the chat session. The introduction is followed by a 30-35 minute group discussion on how the topic relates to the healthcare field and what could be done around the topic with the different stakeholders in the audience (research, education, clinical care, IT, etc).

The next HIC is scheduled to take place on Tuesday, August 9th at 12:00pm in Laird North Conference Room ML2A and will be moderated by Casper Bendixsen, PhD, Associate Research Scientist - Cultural Anthropologist, National Farm Medicine Center.

If you would like to present a topic or receive email invitations to future Health Innovation Chats, please contact the HIC Coordinator, Neel Shimpi at 1-6430 or shimpi.neel@mcrf.mfldclin.edu

National safety group to meet in Marshfield

The Agricultural Safety and Health Council of America (ASHCA) will return to its roots Aug. 29-30 when the Board of Directors meets at the Research Foundation.

ASHCA's home had been at the National Farm Medicine Center (which had a contract for administrative services) since its establishment in 2007. It was always assumed, however, that ASHCA would "leave the nest" for a bigger stage. The transition became complete Jan. 1 of this year when increased membership, financial stability and strong leadership prompted the board to move ASHCA headquarters to Washington, D.C.

ASHCA is an industry-driven, not-for-profit organization with members from producer groups, agribusiness, insurance, academia and government. Its mission: "To proactively address ongoing and emerging occupational safety and health issues affecting U.S. agriculture."



The meeting will be preceded by tours to Nasonville Dairy Cheese Plant and Store, and Sternweis Farms.

NFMC Interim Director Barbara Lee, Ph.D., served as ASHCA's Executive Director while the organization was based in Marshfield.

Compliance Notes



Molly Dowden,
Research Compliance
Educator

Non-Compliance Reporting Tool

The internal non-compliance reporting tool has been further revised to include definitions for the expanded list of non-compliance reporting categories. As mentioned in the May 2016 “Research Matters,” selecting the appropriate categories is important to generate meaningful data and ascertain non-compliance trends at MCRF. The definitions have been included to assist in the selection process and are visible within the tool when a cursor hovers over the symbol located after each non-compliance category.

The definitions were initially proposed by the Office of Research Compliance, and were reviewed and discussed in the Quality Improvement/Best Practices Workgroup. The [MCRF Non-Compliance Reporting](#) policy is available in the Document Control System, and the reporting tool is maintained in the MCRF Hub.

Source Documents and Certified Copies

Expectations regarding maintenance of original research study source documents or their conversion to an electronic format are dependent on the type of research, generated source documents, and sponsor requirements. FDA and ICH E6 guidance defines source documents as original paper and electronic documents, data records or certified copies that contain original data or observations regarding research subjects, research findings and substantiate the integrity of research data collected. A certified copy is a copy of the original information that has been verified, as indicated by a dated signature, as an exact copy having all of the same attributes and information as the original source document.

Certified copies are generally utilized during archiving when original source documents are saved to a different media and the originals are subsequently destroyed. However, maintaining electronically-certified copies of source documents throughout a research study is also appropriate as long as the process verifies and preserves the integrity of the original data. If your area intends to create and store certified copies of source documents, it would be best-practice to have a procedure that documents the steps that will be followed.

The individual who copies or scans the original source document should be the same person that certifies the copy. To certify, the individual can either physically sign/initial and date the original source document prior to scanning, or electronically sign/ initial and date the scanned copy.

It is a good idea to confirm any sponsor requirements for creating certified copies of source documents and the preference for a physical signature versus electronic prior to the initiation of any source document conversion.

If any questions remain regarding non-compliance reporting category selection or source documents and certified copies, please contact Molly Dowden at the Office of Research Compliance.

Upcoming Talks and Presentations

Scientific Seminar (Froehlke Auditorium)

Wednesday, August 3rd

12:05pm-1:00pm

“Climate Change and Health”

Bruce R. Krawisz, MD, Department of Pathology, Marshfield Labs

PreventionGenetics Seminar Series

All seminars take place in Helix Hall at PreventionGenetics from 12noon-1pm.

Thursday, September 8th

Speaker: Kerry Jedele, MD, Gundersen Health Systems

Topic: TBD

Monday, September 12th

Speaker: Adam Shapiro, MD, Montreal Children's Hospital

Topic: Primary Ciliary Dyskinesia and Related Ciliopathies

Grand Rounds (12:00 - 1:00 p.m. in the Froehlke Auditorium)

August 5th and 19th:

No grand rounds.

Friday, August 12th

Breast Cancer Screening: Update on Screening Recommendations and Uses of Advanced Breast Cancer Screening Imaging Modalities

Kristie Guite, MD, Radiology, Marshfield Clinic

Friday, August 26th

New Endoscopic Therapy for Gastroparesis and Dysphagia

Qiang Cai, MD, PhD, FASGE, FACG Professor of Medicine Director, Advanced Endoscopy Fellowship Emory University School of Medicine

In Addition:

- The next Full Foundation meeting is scheduled for July 26, 2016 at 9AM in the Froehlke Auditorium. Questions can be routed or emailed to Jeanette Normington at 1R3 or normington.jeanette@mcrf.mfldclin.edu.
- The next Board of Trustees meeting will be held on September 29, 2016 at 6PM in the Laird 50 conference room.
- For the latest issue of the UW-Madison newsletter, *ICTR Today*, please click here: <https://ictr.wisc.edu/Newsletters>.
- For updates on the Wisconsin Network for Health Research (WiNHR), please visit: <https://ictr.wisc.edu/winhr>
- The Marshfield Clinic Research Foundation website can be accessed through this link: <http://marshfieldresearch.org/>. You will find in depth articles, news about upcoming presentations, and achievements by the staff. There are also links to each Center, with detailed information about the staff and projects.
- *Research Matters* is always accepting announcements. Your contributions are greatly appreciated.

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