

Director's Report



Frederick Wenzel,
Interim Executive
Director

It is now official. The new name of the research group is the Marshfield Clinic Research Institute. The Board of Trustees of the Institute approved the name change at its last meeting and this past week it was approved by the Clinic Board of Directors. Work will now begin to facilitate the name change.

Three grants were recently submitted at the federal level. Two were RO1's and one was an R21. A third RO1 will be submitted in June. The first RO1's was submitted by Jeff Van Wormer, PhD and Barbara Marlenga, PhD; the second by Bryan Weichelt, PhD, Ed; and the third to be submitted is by Sanjay Shukla, PhD. The R21 was submitted by Robert Greenlee, PhD. The subjects of the studies include agricultural injury surveillance and prevention; the development of a digital surveillance tool for agricultural injuries and fatalities; occupational exposure and health risk from dairy microbiomes; and selenium metabolism.

Congratulations to Amit Acharya, PhD on his appointment by the American Dental Association as its representative to the Health Level Seven (HL7) Standards Committee.

Edward Belongia, MD has been invited to attend a meeting this March at the Royal Society in London on vaccines and antimicrobial resistance (AMR). The Society is looking to assign value to the impact of vaccines on reducing AMR. The meeting is being supported by the Gates Foundation.

Among the many papers that were published recently was an interesting article in *Nature* dealing with rare and low frequency coding variance that alters human adult height. DNA variation and hundreds of thousands of places in DNA were analyzed in over 750,000 people. Two of our scientists, Murray Brilliant, PhD and Peggy Peissig, PhD, were collaborators on this study which was called "Giant Consortium". Murray stated that "around 700 variance have been found that impact on how tall or short we get, so although we inherit the range of height we can achieve from our parents, the story of why we get to be our height is rather complicated. Surprisingly we found variance in genes associated with other known biomarkers and disorders such as cholesterol levels and type II diabetes which makes contributions to our height." The findings were also featured on [KQED](#).

More conversations in our partnership with the University of Wisconsin will be held soon. We are now funded for four NIH projects with the Waisman Center and Dr. Marsha Malick, the Vice Chancellor for Research, is interested in continued discussion about a potential formal partnership with the Waisman Center.

In closing I would like to call your attention to a recent publication from the National Farm Center entitled "2016 Year in Review". It is an excellent summary of the research service and translation work being done in the National Farm Medicine Center. Congratulations to the staff who prepared the report which is [now available online](#).

Associate Director's Report



Steve Ziemba,
Associate Director

It seems that winter is almost over, despite the snow received today. That said, I'm not putting the snow blower away just yet. I think we are all looking forward to some warmer weather. I've come to enjoy all the seasons here in central Wisconsin, but the springtime going into summer is my favorite. The more moderate weather presents the opportunity to be outdoors more. For me, that means preparing the garden and commuting by bike. I am hardly indoors when not at work during this time of year, all the way through the fall. It's a means to focus on something other than work, and in differing ways, can be relaxing or even meditative. Enjoy the nicer weather and get outside. Our work here is certainly important and can be stressful. We do a lot for others.

Be sure to take care of yourself as well. Thank you again for all you do.

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

MCRF Welcomes New Staff Members

Molly Wight has accepted the **Research Coordinator Associate** position with the **Clinical Research Center**, effective February 20th. Molly holds a bachelor degree in Psychology & Zoology from the University of Wisconsin – Madison. She has valuable experience working as a Certified Nursing Assistant, as well as being a volunteer CPR Instructor. While studying at UW-Madison, Molly held an internship in Imprinted Genes in dairy cows.

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.

Ariel Marcoe will be joining the **CRC - Multispecialty (and Oncology)** team for their **Research Coordinator Associate** position in Minocqua, effective March 27th. Ariel holds a bachelor degree in Biology from UW-Stevens Point, and is currently gaining some valuable knowledge and experience working as an RCA for CCEPH. Another interesting tidbit about Ariel is that she was an Intern in MCRF's Scientific Writing office from June 2016 to August 2016, an experience sure to help her in this new role as well.

Katherine Graebel-Khandakani began her transition to **CRC's Weston Oncology Team** as a **Research Coordinator Associate** on February 27th. Katherine holds a bachelor degree in Biology from UW-Stevens Point, and is currently gaining some valuable knowledge and experience working as an RCA for CCEPH. At this time, she will be working with Arika Mueller every Tuesday and Thursday (12:30-4:30) to start "learning the ropes". It's anticipated that Katherine will make the permanent transition to Weston by April 1st.

Good Luck Yurany Ninco Sanchez



Thank you, best wishes and good luck Yurany Ninco Sanchez, R.N., who left NFMC to begin a six-month Critical Care Nurse Residency Program at St. Joseph's Hospital. As NFMC community outreach specialist, Ninco Sanchez was lead trainer for the award-winning Hispanic dairy worker research project, "Seguridad en las Lecharias." She told her story of Seguridad and working with migrant families as part of her "100 Faces of MCHS" feature story. Ninco Sanchez' paid residency is designed for new and/or experienced nurses looking to begin or expand their careers to critical care nursing.

Fiscal Department Wishes Farewell to Dawn Zickert



Dawn Zickert will be leaving her current role as AP/Travel Processor effective March 10th. While Dawn is leaving MCRF, she is remaining in the Marshfield Clinic Health System and will be taking over an open position in Payroll as a Travel Reimbursement Processor. The Purchase Order and Accounts Payable portion of her current role will transition to MCHS Centralized AP. As Fiscal works through details of this transfer of processing during the coming weeks, Dawn will be assisting with the transition. Dawn has been a great asset to MCRF over the past 11 years and will be missed!

88 Screened for Skin Cancer at Tammy Ellis' Final NFMC Event

The National Farm Medicine Center teamed with Marshfield Clinic Dermatology to screen 88 people for skin cancer at the UW Extension and Wisconsin Potato and Vegetable Growers Association (WPVGA) Conference, Feb. 7, at the Holiday Inn Stevens Point. Eleven presumed cancers were found, and 24 referrals made.

It marked the last of seven skin cancer screening events organized since 2011 by Education Outreach Specialist Tammy Ellis, in which 1,460 people were screened and more than 80 presumed cancers found. Ellis has accepted a position as program manager in the Marshfield Clinic Child Advocacy Center.

Ellis joined the Farm Center in 2000, working in Anne Greenlee's Reproductive Toxicology Laboratory until coming over to the office side of NFMC in 2005. This broad experiential base uniquely positioned Ellis to translate and communicate research results to targeted audiences. Her impact went far beyond her official title, though, as she played leadership and other key roles in the projects and conferences of the Farm Center and National Children's Center. Thank you, Tammy -- we wish you the best!



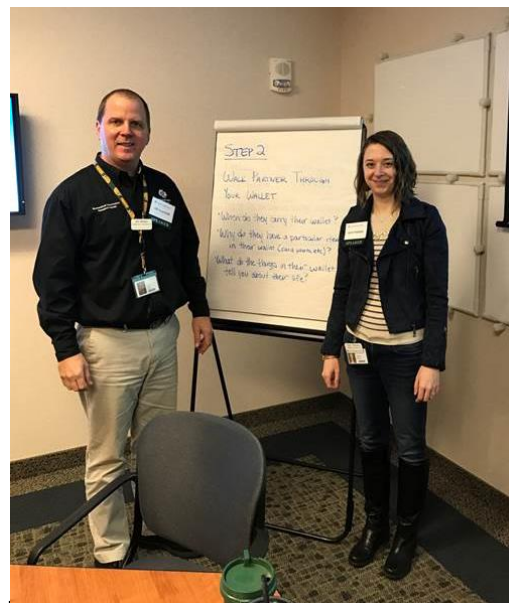
Although Tammy Ellis has joined a new team, this official Farm Center hockey jersey will hopefully remind her that she is always "Number 1" with NFMC.

BIRC Staff Lead Workshop for High School Science Conference

BIRC staff members Joe Ellefson and Kate Thomas conducted a workshop as part of the Fritz Wenzel Science Conference on Saturday, February 18th. The workshop, entitled “Prototyping in User Experience Design,” allowed participants to experience a whole cycle of user-centered design, from ideation through creation, with emphasis on user research and feedback as guides for design decisions.

Workshop participants included 16 high school students and educators from across central Wisconsin. They partnered up to interview and build each other an improved way to carry cash and credit cards based on their specific partner’s needs.

The workshop was held in the Interaction Lab, a state-of-the-art user observation laboratory in BIRC, made possible through a generous investment from SHP. The Interaction Lab is regularly used to conduct user research and user-centered design activities, making it an ideal place to host curious students and educators.



BIRC staff members Joe Ellefson and Kate Thomas lead students through a cycle of user-centered design from ideation to creation at the Fritz Wenzel Science Conference.

The workshop was based on workshops designed by the Stanford University Institute of Design. Materials for a similar workshop can be found at [Stanford's Institute of Design website](#).

Compliance Notes

Internal Audit Request

In Fall 2016, all Research Centers were tasked by the Office of Research Compliance with developing internal auditing plans that detailed audit frequency and research record types to be audited. As many of these internal audits will be performed in collaboration with our office, an Internal Audit Request tool has been created and is available for use in the MCRF Hub, under the Research Compliance section.

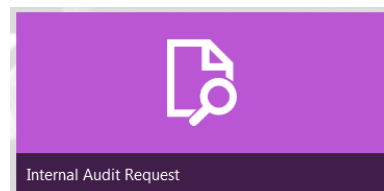


Molly Dowden,
Research Compliance
Educator

The tool requests basic information about the research study, including: MCRF/SP Code, audit timeframe, local or deferred IRB, known regulatory requirements, informed consent/HIPAA authorization utilization, inclusion of vulnerable populations and reason for audit. It is preferred for Research Centers to submit requests at least one month in advance to allow for sufficient audit preparatory work to be completed.

Requests for internal audit are to be completed by Research Center managements, and research personnel are encouraged to bring any audit suggestions to them.

[The Office of Research Compliance Auditing Procedure](#) discusses audit conduct and activities and is available in the Document Control System; the Internal Audit Request tool is maintained in the MCRF Hub.



Longtime Marshfield Clinic supporter leaves \$500k legacy gift to heart research

A vision for the future, a love of her home community, and a huge heart inspired the late Patricia (Schreiner) Naegele to gift \$525,000 from her estate to heart research at Marshfield Clinic. Naegele, who passed away July 25, 2015, was a dedicated supporter of research along with her husband, the late Robert Naegele, since 1987.



The Robert and Patricia Schreiner Naegele Endowment for Heart Research endowment will fund continued research in heart health by Marshfield Clinic clinicians and scientists.

“Patricia and Robert’s commitment to philanthropy throughout their lives is inspiring,” said Teri Wilczek, chief philanthropy officer at Marshfield Clinic Health System Foundation. “Their vision for the future of accessible, compassionate care will help us advance heart research for years to come. Receiving this gift to benefit heart research during American Heart Month in February was especially meaningful.”

Naegele was born and raised in Marshfield, graduating in 1943 from Marshfield High School. She and her husband, Robert, met in Milwaukee and were married in Marshfield in 1946. After their marriage, they moved to Midland, Michigan, where they lived, worked, and were actively involved in the community until Robert passed away in August 2000. As dedicated philanthropists, the couple supported many causes throughout their lives.

Though Naegele did not spend her adult life in Marshfield, she never forgot the close-knit community she called home. Naegele’s commitment to Marshfield and Marshfield Clinic remained strong, leading her and her husband to create an endowment to benefit heart research that was funded primarily through their estate.

“The Robert and Patricia Schreiner Naegele Endowment for Heart Research ensures that Bob and Pat’s legacy will continue to support research at Marshfield Clinic,” said Karen Piel, gift planning officer at MCHS Foundation. “Pat knew the importance of heart health in our Wisconsin communities, and she wanted to make a difference beyond her lifetime. Her remarkable generosity will make a significant impact on the future of research and patient care.”

Fritz Wenzel, interim executive director, Marshfield Clinic Research Foundation knew the Naegeles well and visited with them often.

“We are so pleased and grateful for the estate gift from Pat Naegele,” Wenzel said. “This gift will go a long way to support heart research conducted here in Marshfield. As we move toward health services research, we are working on research areas that will translate to patient care as quickly as possible. The diseases that affect the heart are most certainly conditions where our emphasis lies. We thank all who made this gift possible.”

In addition to her philanthropic commitment, Naegele played a key role for many years at Marshfield Clinic as a member of the Clinic’s National Advisory Council from 1991-2013. The National Advisory Council served as consultants to Marshfield Clinic to enhance the Clinic’s
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Supporter Leaves \$500k Legacy Gift

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ability to provide high quality health care and to continue its leadership role in medical research and education, before the Marshfield Clinic Health System Board of Directors was created.

Robert and Patricia Naegele also were featured in MCHS Foundation's Legacy Book a collection of stories from Marshfield Clinic supporters celebrating Marshfield Clinic's 100th anniversary. In the book, Naegele shared, "I am one of the privileged to have been born and raised in Marshfield, and I did know the quality of life was better because of the special doctors and staff serving us at the Marshfield medical complex. Giving, doing what we can while we enjoy the fruits of what life has to offer means leaving benefits to those after we have gone."

To learn more about supporting research at Marshfield Clinic, contact MCHS Foundation at giving@marshfieldclinic.org or 715-387-9249.

Support BBS Research for Rare Disease Day

Rare Disease Day was celebrated on February 28th. What better time to raise awareness and support for kids and their families living with Bardet-Biedl Syndrome?

The Marshfield Clinic Health System Foundation invites you to support these families by creating your very own fundraising page for Bardet-Biedl Syndrome research at Marshfield Clinic with our new everydayhero program.

Everydayhero allows you to create a fundraising page where your friends can donate to the cause of your choice, including Bardet-Biedl Syndrome research at Marshfield Clinic, with these simple steps:

- **Create.** Go to <http://rare-disease-day-bardet-biedl-syndrome.everydayhero.do> and set up your own supporter page through Facebook or email.
- **Personalize.** Add a photo of yourself and share your personal story to help others to connect with your cause.
- **Share.** Share your fundraiser to inspire donations and support from family, friends, and colleagues.
- **Track.** Track your effort, progress, and impact.
- **Start now.** The sooner you create your fundraising page, the more we can spread the word and raise funds for BBS research!

If you have questions, please feel free to contact the MCHS Foundation at giving@marshfieldclinic.org or 715-387-9249.

Thank you for supporting BBS research at Marshfield Clinic Health System! Together, we can make a difference for a community of BBS families worldwide.

Upcoming Talks and Presentations

Scientific Seminars (Froehlike Auditorium)

Wednesday, May 3rd

12:05pm-1:00pm

James Gern, MD, Principal Investigator for the University of Wisconsin Asthma and Allergic Diseases
Clinical Research Center (AACRC)

Topic TBA

Many previous Scientific Seminars are available for viewing at MediaSite:

<http://mediasite.mfldclin.edu/Mediasite/Catalog/catalogs/default/>

Grand Rounds (12:15 - 1:00 p.m. in the Froehlike Auditorium)

Friday, March 17th

Consent for Care: Guardianship, Power of Attorney and Minors

Nelsen Wahlstrom, JD, General Counsel and Scott Seeger, CSW, Social Worker, Community Resource Center

Friday, March 24th

Atrial Fibrillation: A Review of Guideline Based Management and Opportunities for Standardization

Jennifer M. Wright, MD, Clinical Assistant Professor, Cardiovascular Medicine, UW-Madison

In Addition:

- The next Full Foundation meeting is scheduled for March 23, 2017 at 2:00PM in the Froehlike 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 May 18, 2017 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/uw-ictr-today-newsletter-v9-n4-2016/>.
- 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/>.
- Archived issues of *Research Matters* are [available online](#).

Contributors to this issue: Molly Dowden, Scott Heiberger, Anne Nikolai, Bonnie Ohlsson, Melissa Slager, Maree Stewart, Kate Thomas, Michelle Wellsandt, Frederick Wenzel, Dr. Steve Ziemba

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