Marshfield Clinic
Research Foundation

Research Matters **October 2016**

Research Matters is an internal monthly newsletter published by Marshfield Clinic Research Foundation.

Director's Report

Frederick Wenzel, Interim Executive Director

I want to congratulate all of the staff involved in the Research Day program held Friday, October 14. The cooperation and teamwork were outstanding. The posters were professional and well attended and the speakers delivered their messages in a clear concise manner. Interest in the program was apparent as measured by the attendance. The auditorium was filled to near capacity, a testament to the loyalty and outstanding work being done by the members of our research staff. The keynote speaker was Dr. Lee Wilke of the University of Wisconsin School of Medicine and Public Health. She spoke about her recent work in breast cancer research, a subject of great interest to the group.

Congratulations are also in order for Rachel Stankowski, PhD. Rachel authored a blog post on the blog *Circulating Now*, sponsored by the National Institutes of Health and its National Library of Medicine which are recognized in research circles around the globe. The article entitled "Marshfield Clinic's 100-Year Contribution to the Future of Medicine" recounts the history of research at the Marshfield Clinic and its decades old partnership with the National Institutes of Health and the Clinic's strongest supporter Melvin R. Laird. The article describes the relationship between Congressman Laird and Congressman John Fogarty as they reached across the aisle to create a culture of research support in the Congress of the United States. A significant amount of credit is due these two men for supporting our efforts here in Marshfield. John Fogarty was a personal friend and colleague and Mel Laird remains a good friend and supporter of MCRF to this day.

Rhythm Pharmaceuticals has recognized the impact of the Bardet-Biedl Syndrome Clinical Registry for investigating this rare genetic disorder. This recognition has led to the selection of MCRF by Rhythm Pharmaceuticals as the only Center in the world to conduct a Phase 2 trial of a novel peptide setmelanotide for the treatment of hyperphagia and obesity in this rare genetic disorder. Our staff led by Dr. Bob Haws along with Clinic physicians will work together on this cutting edge research. A recent article in the New England Journal of Medicine announced the successful use of the peptide in the treatment of two individuals with this rare genetic obesity syndrome.

Work continues on the strategic plan with the Small Group scheduled to meet on November 3rd to complete another draft. The priorities for the research centers are emerging and the plan will define them more clearly, provide metrics for evaluation of progress, and include specific staff assignments. The plan is to present the draft to the Board of Trustees at its meeting in November and then move it to the Board of Directors of the Clinic.

Associate Director's Report

Steve Ziemba,
Associate Director

An important aspect of our work is to remain current in our field, as well as to refresh on topics we may not have encountered for some time. In order to provide ongoing education for our clinical research professionals, we held our Clinical Research Education symposium in the Froehlke Auditorium on October 24th. We used the opportunity to present on a number of topics, with a primary focus on regulatory aspects of clinical research. The day started with my discussion on clinical research as a profession, followed by a presentation and discussion on communication in clinical research with input from the physician/Principal Investigator, clinical trial monitor, research administrator and study coordinator perspectives. Thank you to Dr. Bob Haws, Sandy Freeman, and Melissa Slager. We also had some great engagement from Christy Gilchrist, the Director for Cancer Research at St. Vincent's and Jennifer Louris, site study monitor. This provided a well-rounded discussion on the topic of communication. The IRB was well represented during a presentation on the upcoming changes from the NIH on the use of a single IRB for multi-site studies, as discussed by Stuart Guenther and Lori Scheller, respectively the MCRF IRB Chair and Administrator. At noon, we featured our keynote speaker, Brent Ibata, Research Compliance Officer for Sentara Healthcare in Norfolk VA, who spoke on the benefits and challenges of developing a research compliance program. The afternoon featured presentation-workshops, in which audience engagement (helped along by providing chocolate) was a part of the program. Bobbi Bradley and I co-presented on process improvement and SOP development, with Linda Jaros and Molly Dowden engaging the audience on what to do, and not to do, in preparing for an FDA audit.

I want to thank those who attended from MCRF, either in person or via MediaSite. We also had attendees from our WiNCORP partner sites, St. Vincent's Hospital in Green Bay and Gundersen Health System in La Crosse. This provided the opportunity to network and share ideas on clinical research. We hope to make this an annual event and are open to ideas for topics. If you have suggestions, feel free to let me know what they are.

MCRF Contributes to National Policy Recommendation Session

Dr. Peggy Peissig, PhD, MBA, Chief Research Informatics Officer and Director of BIRC participated in the 10th Annual American Medical Informatics Association (AMIA) Policy Invitational, entitled: "Completing the Evidence Cycle – Reimagining the Research-Practice Relationship in the Post-Meaningful Use Era" September 21-22, 2016 in Bethesda, MD.

API2016 brought together stakeholders and thought leaders, including health informatics experts, association and public policy professionals, executive branch officials and congressional staff, to develop policy recommendations on how to "close the evidence loop" between clinical practice, quality improvement, population management, and research. The result was development of a health informatics playbook for the incoming Administration and 115th Congress.

BIRC Welcomes New Staff Members

Two new staff members joined the BIRC team on October 3rd.

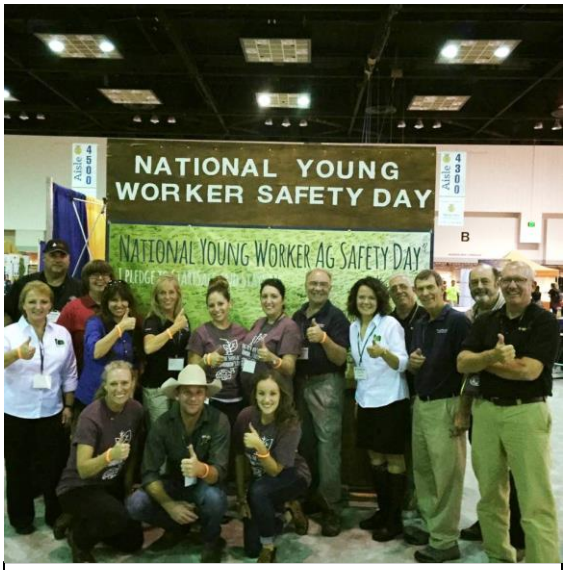
Troy Herrick began as a Programmer/Analyst in the ICR group. Troy has a wide variety of experience working as a computer contractor for consulting firms in the Midwest as well as having military experience in the United States Marine Corp. Additionally he has financial, insurance and healthcare background working with BlueCross/BlueShield in Eau Claire. His most recent education gives him a Bachelor's degree in Computer Science as well as computer programming.

Elham Sagheb Hossein Pour has joined the Research Analytics team as a Research Programmer/Analyst. Elham is finishing her final semester of a M.S. in Computer Science at UW-Milwaukee. She also has a B.S. in Applied Mathematics from Ferdowsi University of Mashhad in Mashhad, Iran. While at UW-Milwaukee, Elham worked as a Teaching Assistant for Intermediate Computer Programming (Java) and Scientific Programming (Fortran). Elham's thesis involves SEER survivability—and the team looks forward to leveraging her exposure to cancer data and NAACCR terms. Her research interests include: machine learning, NLP, Bioinformatics, Database and Big Data, and Enterprise Software Architectures. In her free time she enjoys hiking.

National Young Worker Ag Safety Day!

The National Children's Center for Rural and Agricultural Health and Safety was proud to co-sponsor National Young Worker Ag Safety Day on October 20. The Children's Center celebrated by unveiling its newest resource: "Next Generation of Youth Agricultural Work Guidelines", at the National FFA Convention in Indianapolis. Marsha Salzwedel and Tammy Ellis engaged more than 2,700 students and FFA advisers at the National Farm Medicine Center booth.

In addition, Salzwedel addressed a general session of the National Association of Supervisors of Agricultural Education, held concurrently with the FFA convention. The audience of 120 or so represented nearly every U.S. state and territory. Salzwedel shared information about youth ag work guidelines, as well as a grain safety curriculum developed in conjunction with the Grain Handling Safety Coalition.



Marsha Salzwedel and Tammy Ellis with agricultural safety and health colleagues from around the country at the National FFA Convention in Indianapolis, Oct. 20. The banner behind them bears the signatures of more than 4,000 ag teachers and students who pledged to, "embrace safety and health awareness and practices in their schools, workplace, homes and communities."

RFA Announced for Clinical-Scientist Collaborative Research Award

Fritz Wenzel, MCRF Interim Executive Director has announced a Request For Applications for the Clinician-Scientist Collaborative Research Award (CSCRA). The intention of the CSCRA is to serve as a catalyst for joint collaborative research, pairing a practicing Marshfield Clinic clinician as project leader with an MCRF scientist. Funding from the award is designated to cover clinician salary as a means to provide "protected time" for their project.

This will be the second year the recently created award has been available to MCHS clinicians and scientists. Funding support is provided by donations designated by contributors for disease-specific or general medical research. Drs. Holly Frost (Pediatrics – Minocqua) and Jennifer Meece (IRDL Director – MCRF) were recipients in the award's inaugural year for their project titled *Contribution of Host Genetic Factors to Susceptibility and Clinical Presentation of Blastomyces Infection*.

When asked about how the new funding opportunity has impacted their research, Dr. Frost responded, "The scientist-clinician collaborative research award allows us to combine the best clinical and basic sciences researchers and techniques to improve outcomes for our patients."

"The goal of our study is to determine why some patients with Blastomycosis have mild disease while others have severe infection. We also want to learn why some patients have infection only in their lungs while others have spread of infection to other organs," she explains, "To accomplish this we are combining novel in-house developed sequencing techniques, human genotyping, and clinical evaluation of patient disease. We believe that through strong collaboration between physicians and scientists we can improve care for patients."

The CSCRA is a single award of $125,000 maximum for up to 24 months of support. A Marshfield Clinic clinician must serve as the lead Principal Investigator for the study and commit a minimum of 20% of their time to the project.

Those interested in submitting an application for funding should review the RFA and submit a Letter of Intent (LOI). The due date for the LOI is December 30, 2016.

Post-Doc Fellow Receives SDIWC 'Best Reviewer' Award for 2016

Dr. Ahmad Pahlavan Tafti, BIRC Post-Doctoral Research Fellow, has been selec ted for the "Best Reviewer Award" by The Society of Digital Information and Wireless Communications (SDIWC), having given generously of time and best effort to referee submitted papers in SDIWC conferences. SDIWC, dedicated to promote science and technology, has been responsible to manage both IEEE and Springer scientific conferences across the world.

HRSA Grant Awarded to FHC/IOSH to Expand Research Efforts to Develop a Dental Quality Analytics Dashboard

The U.S. Department of Health and Human Services – Health Resources and Services Administration (HRSA) recently awarded a $139,788 grant to Family Health Center of Marshfield, Inc. (FHC); these funds as well as $26,596 in cost-share funds from FHC, will be directed to the Institute for Oral and Systemic Health (IOSH) via a sub-contract to expand its research and development of a Dental Quality Analytics (DQA) dashboard.

Without appropriate workflow process, service utilization and treatment outcome measures adopted as part of FHC's dental practice and availability of health informatics tools to visualize and interact with the data, there would be significant challenges to measure the quality of care delivered and implementing any quality assurance platform. Thus, the objective of this initiative is to maintain a high standard for quality of data collected, stored and retrieved from the enterprise data warehouse (EDW), which is paramount for supporting FHC's clinical operations, reporting requirements, ensuring quality care provision, enabling health services research and educational opportunities. This initiative will result in a scalable, re-usable and automatable dental quality metrics reporting framework, tested and validated with the large set of data from the Marshfield Clinic/FHC's EDW.

The IOSH scientific and informatics team with development support from BIRC staff will work closely with the FHC's Dental Quality Improvement Steering Committee and will focus on the following core activities: design and development of a production-level Dental Quality Analytics Dashboard (DQAD) to support the FHC's DQI initiative with appropriate informatics and information technology infrastructure to mine real-time data and knowledge from the EDW to support dental clinical tasks, operations and research activities; train the FHC dental providers and administrators to integrate DQAD into their workflow; and implementation of DQAD at 10 FHC dental center operation to support the quality improvement culture – the implementation will be initially piloted in one center followed by system-wide implementation.

In addition to Dr. Acharya, Principal Investigator, the DQA project team members are:

- Dr. John O'Brien, Quality Improvement Core Lead and a Clinician Researcher at IOSH
- Harshad Hegde, Informatics Research Architect, IOSH
- Rajesh Koralkar, Research Programmer/Analyst Senior, BIRC
- Josh Theisen, Programmer/Analyst, BIRC
- Annie Steinmetz, Applications Analyst Senior, BIRC
- Shaun Halstead, Database Administrator, BIRC
- Joe Finamore, Programmer/Analyst Specialist, BIRC

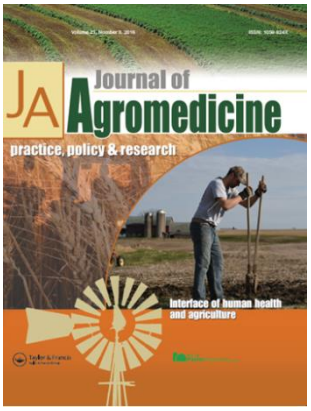
Research Points to Most Effective Agricultural Health, Safety Mobile Apps

Mobile applications put a world of agricultural health and safety information at the user's fingertips, but which apps are most useful?

Researchers at the National Farm Medicine Center led development and testing of an evaluation framework to help judge the overall worth of a mobile app. Their findings appear in the current issue of the Journal of Agromedicine. A pre-publication draft of the manuscript is available here.

Mobile apps are computer applications that run on devices such as smartphones and tablets. Agricultural safety apps can help farmers and employees measure sound levels, find the proper angle for a ladder, access heat safety tools and carry out many other tasks more safely.

"Mobile technology is becoming an important part of injury and illness prevention in agriculture," said co-author Aaron Yoder, Ph.D., president of the International Society for Agricultural Safety and Health and assistant professor, University of Nebraska Medical Center. "As safety and health professionals, it is important that we provide guidance on the best tools to use."



The team developed a rubric, or scoring guide, that evaluates app elements such as content, relevance, value, confidentiality, technical performance and usability. The rubric may also have value for general use in assessing apps related to health and safety in other fields.

"We also trust that mobile app developers will find this evaluation framework insightful and practical," said lead author Iris Reyes, M.P.H., an epidemiologist with the National Farm Medicine Center.

The Journal of Agromedicine website contains searchable, archived abstracts from current and past issues.

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 and UW Madison Researchers Collaborate on Pediatric Obesity Study

Researchers Jeffrey VanWormer, PhD (MCRF), and Dale Schoeller, PhD (UW), recently received an ICTR Basic Pilot Award for their proposal on Surveillance of Pediatric Obesity Patterns using Electronic Health Records. Along with co-Investigators Burney Kieke, MS (MCRF), and Larry Hanrahan, PhD (UW), they will leverage electronic health records from Marshfield Clinic Health System and UW Health System to better understand circannual time periods when kids gain the most body weight.

This project will retrospectively pool six years (2010-2015) of EHR data from patients age 3-17 years. Circannual trends in body mass index will then be characterized to help scientists understand if excess growth occurs more generally throughout the year or more specifically during high-risk time periods (e.g., summer months away from school). In addition, the research team will attempt to identify population subgroups where seasonal weight gain may be most pronounced, such as in older adolescents, racial minorities, or those living in rural areas or other resource-deprived neighborhoods. This will be the first EHR-based, epidemiologic study of seasonal weight gain patterns in pediatric patients. Findings will be used to inform pediatric obesity prevention initiatives in Wisconsin, specifically to direct upcoming weight gain prevention programs toward the children, places, and times where they may be most beneficial. The ultimate goal of this research is to inform population-level interventions that prevent more children from becoming obese, thereby reducing the burden of diabetes and cardiovascular disease in adulthood.

MCRF partnered with UW-Madison in 2007 to form the UW Institute for Clinical and Translational Research (ICTR). Funded in part by a grant from the National Center for Advancing Translational Sciences (NCATS) at NIH, this partnership advances research statewide and provides research collaboration opportunities for both academic and non-academic based health practitioners. Please visit the ICTR website for more information about ICTR Pilot Award funding opportunities currently available.

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.

CHG Honored at Annual American Society for Human Genetics

The Center for Human Genetics (CHG) was well represented and singled out for honors at the annual American Society for Human Genetics (ASHG) meeting held in Vancouver, Canada October 17-22. Based on its outstanding leadership in Precision Medicine, CHG was selected for a video presentation on "ASHG TV". The video was shown on a loop at the meeting attended by over 10,000 attendees from the US, Canada and more than 60 other countries.

Dr. Max He presented a poster entitled: "Clinically actionable genetic variants in cancer-predisposing genes: a survey of 300 patients with whole-genome sequencing and lifetime electronic health records" and Dr. Scott Hebbring presented a poster entitled The "Use of electronic health records to generate one of the largest family cohorts with detailed longitudinal phenotypic data". Both of these abstracts scored in the top 10% of poster abstracts. Blue ribbons were given to Max and Scott and were displayed on their badges and posters. Also presenting posters at the conference were Jamie Fox "From Genetic Informatics to a Biological Model: Analysis of Genetic Variants of SLC5A2**"** and Jixia Liu **"**Phenome-wide Association Study of *SULT1A1* Copy Number Variation and Correlation with Estrogen Metabolism**".**

ASHG is the primary professional membership organization for human genetics specialists worldwide with nearly 8,000 members. ASHG serves research scientists, health professionals, and the public by providing forums to share research results, advance genetic research by advocating for research support, enhance genetics education by preparing future professionals and informing the public, and promote genetic services and support responsible social and scientific policies.

Investigators Present Work on Tick-borne Diseases at IDWeek 2016

IDWeek is an annual conference organized by the Infectious Diseases Society of America (IDSA). The conference offers opportunities for physicians, scientists, and other health professionals in infectious diseases to share and learn about advances in patient care, research, and the prevention of infectious diseases. This year, three presentations at the meeting will report on work related to tick-borne diseases that investigators at the Marshfield Clinic have been involved in over the past year, including an oral presentation by Dr. Holly Frost.

Oral presentation

Evidence of High Rate of Powassan Virus Co-infection in Lyme Disease Patients
A. M. Schotthoefer, **H. M. Frost**, A. M. Thomm, A. P. Dupuis, II, S. C. Kehl, L. D. Kramer, **T. R. Fritsche**, Y. A. Harrington, K. K. Knox;

Poster presentations

Risk factors for hospitalization, severe infection, and prolonged disease in patients with babesiosis in the upper Midwest
Neeharik Mareedu, MD, **Jason Tompkins**, MD, **Anna M Schotthoefer**, PHD, **Matthew Hall**, MD, **Thomas R Fritsche**, MD, **Holly M Frost**

Detection of Borrelia in Early-Stage Lyme Disease Using T2 Magnetic Resonance
Jessica Snyder, PhD, Cheryl Bandoski-Gralinski, MS, Jessica Townsend, MS, Heidi Giese, PhD, Hans-Ulrich Thomann, PhD, Robert Shivers, PhD, **Anna Schotthoefer, PhD**, **Thomas Fritsche, MD, PhD**, **Clayton Green, MD, PhD**, Steven Callister, PhD, Lori Neely, Ph.D. and Tom Lowery, Ph. D.

Compliance Notes

Molly Dowden, Research Compliance Educator

MCRF Withdrawal of Research Subjects
In the interest of consistency, MCRF Administration and the Office of Research Compliance support the creation of institutional policies complimented by research center-specific procedures to address requirements that affect all areas of MCRF.

The institutional policy, Withdrawal of Research Subjects is available in the Document Control System and addresses expectations for subject withdrawal proceedings and documentation. The policy also delegates responsibility to each MCRF research center to develop a procedure that addresses items such as how protocol-specified withdrawal criteria will be adhered to, how subject withdrawal will be consistently documented across all applicable study records and subject medical charts, determination and documentation of subject's continued participation preferences, reporting of withdrawal numbers and statistics as required by the IRB of record and sponsor. It is important to note that the policy also applies to "subjects" whose participation may be limited to use of their data. There can be cases when subjects choose to withdraw consent for those research activities.

The Quality Improvement/Best Practices Workgroup is being used as a vehicle to share ideas and facilitate group work on subject withdrawal procedures to prevent against duplication of work. Since the policy is live, it is recommended that research centers have their procedure completed as soon as possible to facilitate compliance with the policy.

MCRF Archiving Policy and System Update
The MCRF-wide Archiving Policy and Archive Manager Database are currently under development by the Office of Research Compliance and BIRC, respectively, with an anticipated go-live date of January 1, 2017. The purpose for implementing an institutional archiving system and policy is to ensure consistent and compliant retention of research records once a research study ends. The new archiving policy will primarily affect the storage of electronic research study files, but will impact the overall tracking of all research study files and items, whether physical or electronic.

Similar to other institutional policies, each MCRF research center will need a procedure to meet specific requirements of the archiving policy. Examples include: designating a responsible archivist or archiving support team, determining a research study's retention period, locating all applicable research study items and files, and ensuring all items are stored properly and their location documented consistently. The Office of Research Compliance strongly suggests that research centers have a good working draft of their procedures by November 15. The Quality Improvement/Best Practices Workgroup has started group work and discussion of center-specific archiving procedures. All research centers are reminded to contact Molly Dowden for assistance with drafting procedures and questions.

Non-Compliance Reporting
A recommendation from the recent FDA audit of the MCRF IRB was to standardize reporting requirements across the range of reportable items. This recommendation has resulted in
(*continued on next page*)

Compliance Notes (*continued from previous page*)

reducing the non-compliance reporting window from ten to seven business days. The Non-Compliance with Federal Regulations, Institutional Policies, and IRB-Approved Applications and Protocols policy has been updated to reflect this reporting window change and to match reporting requirements for unanticipated problems, amendments, etc. Implementation of this change is hoped to ease adherence to reporting requirements for investigators and research staff.

Upcoming Compliance Educational Event Open to all MCRF Staff
"Good Documentation Training"
Tuesday, November 15th
12 PM – 1 PM
Conference Room ML2A
More information to follow!

All MCRF staff is reminded that any suggestions for policies, processes, or other compliance-related items are accepted and welcomed by the Office of Research Compliance. Please contact Molly Dowden with any topics or items of interest.

Updates from ORIP/IRB


Lori Scheller,
IRB Administrator

FDA Inspection
The Food and Drug Administration (FDA) contacted MCRF's Office of Research Integrity and Protections (ORIP) on September 13th with a notification that a "not for cause" inspection would begin on September 19th. The FDA conducts this type of routine inspection of Institutional Review Boards (IRBs) every 5 to 7 years. The MCRF IRB was last reviewed in 2010 so this visit was anticipated. During the week-long audit, the inspector reviewed IRB policies, procedures, and documentation as well as all FDA-regulated drug and device studies under IRB oversight for the past three years. At the inspector's exit interview on Friday, with MCRF represented by Fritz Wenzel, Stu Guenther, Linda Jaros and Lori Scheller, it was shared that there were no "significant observations" that would require the Institution to receive an FDA Form 483. This form is issued when any objectionable conditions have been observed that in the inspector's judgement may constitute violations of the Food Drug and Cosmetic (FD&C) Act or related Acts, requiring implementation of a corrective action plan.

As mentioned above in "Compliance Notes", the inspector did provide some suggestions related primarily to our policies. As this reporting change is effective immediately, staff are advised to review the revised policies. The chart below has been created as an easy reference for the new reporting requirements. In addition to making the reporting of Non-Compliance, Unanticipated Problems, and/or ICH GCP Adverse Events (potential risk increases and/or provides new information) uniform to **7 business days,** the ICH-CGP Adverse Events reporting by sponsors will remain as 30 but it will be "business" days instead of 30 days. Please contact the IRB with any questions at 715-389-3022.

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Updates from ORIP/IRB (*continued from previous page*)

Thank You to everyone for your patience with the IRB staff in processing requests, responding to emails or answering calls during the inspection week. It is their and the IRB Chairperson's dedication and extra efforts in preparation for the audit that made it possible for the inspection to be violation-free.

REPORTING REQUIREMENTS CHART			
Event	**Reporting Deadline (business days)**	**Applicable Policy**	**Applicable Forms**
Unanticipated Problem	7	Reporting and Review of Unanticipated Problems	IRB Unanticipated Problem Involving Risks to Participants or Others Report
Non-Compliance	7	Non-Compliance with Federal Regulations, Institutional Policies, and IRB-Approved Applications and Protocols	Electronic Non-Compliance Reporting Tool
ICH-GCP Adverse Events (potential risk increase and/or provides new information)	7	International Conference on Harmonisation (ICH) Good Clinical Practice (GCP) Guidelines and IRB Review	IRB Unanticipated Problem Involving Risks to Participants or Others Report
ICH-GCP Adverse Events	30	International Conference on Harmonisation (ICH) Good Clinical Practice (GCP) Guidelines and IRB Review	ICH GCP Adverse Event Report
Expanded Access—Emergency Use with an Investigational New Drug (IND)/Investigational Device Exemption (IDE)	5	Expanded Access—Physician Initiation of Emergency Use of a Test Article	IRB Emergency Use Report Form
Unanticipated Problems with a Humanitarian Use Device (HUD)	7	Humanitarian Use Devices	IRB Unanticipated Problem Involving Risks to Participants or Others Report

Upcoming Talks and Presentations

Scientific Seminars (Froehlke Auditorium)

Wednesday, November 2nd
12:05pm-1:00pm
"One hour proteomes and deep sequencing"
Joshua J Coon, PhD, Professor of Chemistry and Biomolecular Chemistry, University of Wisconsin-Madison

Compliance Educational Event – Open to all MCRF Staff

Tuesday, November 15th
12:00pm – 1:00pm
"Good Documentation Training"
Conference Room ML2A

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

Thursday, November 10th
Speaker: Diane Allingham-Hawkins, PhD, FCCMG, FACMG, PreventionGenetics
Topic: "Adventures in Direct-to-Consumer Genetic Testing"

Thursday, November 17th
Speaker: Connie Schultz, MS, CGC, PreventionGenetics
Topic: TBD

Tuesday, December 6th
Speaker: Sharon Plon, MD, PhD, Professor, Baylor College of Medicine
Topic: "Results from Whole Exome Sequencing of Unselected Childhood Cancer Patients"

Thursday, December 15th
Speaker: Elizabeth McPherson, MD, PreventionGenetics and Marshfield Clinic
Topic: "Genetic Investigation of Stillbirth"

Grand Rounds (12:00 - 1:00 p.m. in the Froehlke Auditorium)
Friday, November 11th
Pancreas Transplantation 2016 - Coming of Age, Improving Outcomes, Expanding Indications
Jon Odorico, MD, Transplant Surgeon, UW-Madison

November 4th, 18th, and 25th:
No grand rounds.

Special Grand Rounds – 7:00-8:00am, Wednesday, November 30th:
Evidence-Based Approaches to Improving Outcomes for the Surgical Patient
Charles E. Edmiston, Jr., PhD, CIC, FIDSA, FSHEA, FSIS, Emeritus Professor of Surgery, Department of Surgery, Medical College of Wisconsin

In Addition:

- The next Full Foundation meeting is scheduled for November 29, 2016 at 9:00AM 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 November 17, 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/.
- *Research Matters* is always accepting announcements. Your contributions are greatly appreciated.

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