

### **National Farm Medicine Center Director Announced**

Matt Keifer, MD, MPH, the Dean Emanuel Endowed Chair and Senior Research Scientist at the National Farm Medicine Center (NFMC) has been named the Director of NFMC. Dr. Keifer joined MCRF in August 2010 from his position as associate director of the Pacific Northwest Agricultural Safety and Health Center at the University of Washington, where he conducted research and provided clinical services for Spanish-speaking farm workers.

Barb Lee, RN, PhD will continue on as a Senior Research Scientist and Director of the National Institute for Occupational Safety and Health (NIOSH) funded Children's Center for Rural and Agricultural Health & Safety. "MCRF is grateful to Dr. Lee for serving as Director of NFMC for the past 11 years," says Richard Leer, MD, MCRF Interim Director.

Dr. Keifer is a bilingual occupational medicine physician with extensive clinical, research, and programmatic expertise in agricultural health and safety. His professional efforts for the past 20 years have largely focused on Hispanic farmworkers, both in the United States and in Latin America. His research and practice emphasize pesticide health effects and agricultural injury. In conducting research, he is continuously involved in assessing the health and safety conditions of workplaces, the effectiveness of workplace practices, the needs of workers, the health impacts of workplace conditions and practices and the impact of health and safety policies on worker health. He currently serves as the co-director of the NIOSH-funded Upper Midwest Agricultural Safety and Health Center.



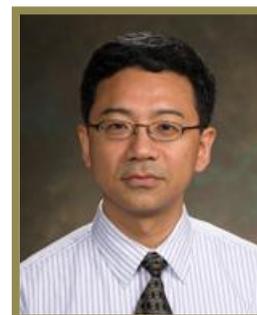
In clinical practice, he attended the University of Washington Occupational Medicine Clinic and the Yakima Valley Farmworkers Clinic in Washington. He continues to practice in the Marshfield Occupational Health Department and the Farming, Agriculture and Rural Medicine Clinic (FARM). In this capacity he regularly visits agricultural worksites to assess his patients' working conditions.

Dr. Keifer currently serves on the Federal Advisory Committee Act (FACA) committee to the Office of Pesticide Programs and has also spearheaded efforts within the American Public Health Association to adopt policy resolutions supporting the protection of agricultural workers. He recently served on an Institute of Medicine committee to strengthen occupational health in electronic health records. He served as the medical officer of an integrated pest management project in Nicaragua for two years, where he trained field staff and clinicians in the diagnosis and management of pesticide poisonings. He has trained health promoters in his work in Nicaragua and his projects in Idaho and Yakima. He has developed innovative training programs aimed at training health professionals on agricultural health and safety issues, funded by the Certification and Worker Protection Branch, Office of Pesticide Programs - US Environmental Protection Agency.

### **Director of Biomedical Informatics Research Center Receives Grant to Analyze Eight Genomes**

Dr. Simon Lin, Director of Biomedical Informatics Research Center (BIRC) received a grant to sequence eight genomes. Analytical and computational methods will be developed to extract clinically relevant information from the raw data of a terabyte genome. To put it in perspective, a 2-hour movie full of high-resolution video and audio contains about four gigabytes of data. A terabyte of data equals to 250 DVDs.

"The sequencing cost of one genome and preprocessing its raw data is about \$10,000 nowadays at academic facilities, but it will drop to \$1,000 in the next three years," says Marie Adams at the DNA Sequencing Facility at University of



Wisconsin Madison. “The NIH is pushing the envelope to translate genome sequencing into clinical care”, says Dr. Brilliant, “National experts are expecting to see sequencing as the standard of care as early as 2015.”

With the Personalized Medicine Research Project (PMRP) and the Wisconsin Genomic Initiative (WGI), the Marshfield Clinic Research Foundation is on the national frontier of clinical genomics research. “This project will leverage some of the greatest strengths of Marshfield Clinic Research Foundation and Marshfield Clinic,” says Richard Leer, MD. “This will be an exciting project to watch develop.”

This genome sequencing grant is received from Complete Genomics. Complete Genomics is an industry leader in providing human-genome sequencing service. BIRC will work closely with Dr. Elizabeth McPherson in Medical Genetics, Dr. Murray Brilliant in Center for Human Genetics, and Ken Letkeman in Clinic IS to conduct this project.

#### **In Addition:**

- Office of Scientific Writing and Publications welcomes Pamela Whyms, a student intern on board for the month of January. Pamela is a Biology major from UW-Stevens Point.
- There is a MCRF Full Foundation Meeting scheduled for Friday, January 13th from 9:00 – 10:30 in the Froehlke. Dr. Mark Nook, Chair of MCRF Board of Trustees and Dr. Richard Leer, Interim Director of MCRF will be addressing the full Foundation at this time. If you have specific questions you would like answered by Dr. Nook, please submit them to Jeanette Normington by Wednesday, January 11th. All authors submitting questions will be kept anonymous.
- Past issues of *Research Matters* are archived on the Marshfield Clinic Intranet: [http://mclweb.mfldclin.org/mcrf/?page=mcrf\\_updates](http://mclweb.mfldclin.org/mcrf/?page=mcrf_updates)
- *Research Matters* is always accepting announcements. Your contributions are truly appreciated.

Contributors to this issue: Ingrid Glurich, Jeanette Normington, & Dixie Schroeder

Edited by: Richard Leer, MD & Bobbi Bradley, MPH, [bradley.bobbi@mcrf.mfldclin.edu](mailto:bradley.bobbi@mcrf.mfldclin.edu), ext. 1-8939

## **Center for Human Genetics Introduces New Scientists & Administrative Staff**

### **Scott Hebbring- Post-doctoral Fellow**

Scott Hebbring, a native of Wisconsin, has spent the last 11 years in Rochester, Minnesota working and studying at the Mayo Clinic. A recent graduate from the Mayo Clinic's graduate school, Scott's work included the study of genes and enzymes responsible for Folate (Vitamin B9) metabolism, pharmacogenomics, and prostate cancer genetics. With a fellowship from UW-Madison's Computation and Informatics in Biology and Medicine (CIBM) program, Scott has joined the Marshfield Clinic as a postdoctoral fellow working within the Center for Human Genetics lead by Dr. Murray Brilliant. Scott's work will focus on the genetics of human diseases within the PMRP.

### **Tonia Carter- Project Scientist**

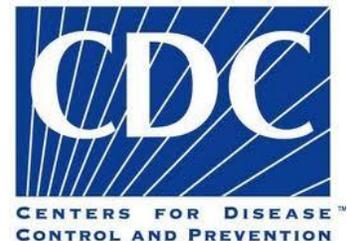
Dr. Carter obtained her doctoral degree in Epidemiology at the School of Public Health, University at Albany – State University of New York in 2007. As a graduate student, she worked on a number of projects including an investigation of the use of pulse oximetry for screening of newborns to identify possible congenital heart anomalies; examining the relationship between size-for-gestational-age at birth and infant mortality; and managing databases of vital records and congenital malformations. Her dissertation examined the effect of medication use and of maternal genital tract infections in pregnancy on the risk of birth defects. For the next four years, she pursued studies of genetic risk factors for birth defects while a postdoctoral fellow at the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development. She used family-based and case-control analyses to examine the role of common genetic variants in the occurrence of neural tube defects, oral clefts, Hirschsprung's disease, and anorectal atresia. She continues to be involved in projects that will examine associations between copy number variants and selected birth defects.

### **Mary Brooker- Administrative Secretary**

Mary joins the Center for Human Genetics department as Administrative Secretary. Mary previously worked at the University Hospital in Wisconsin and Minnesota and at the Children's Hospital in Tulsa, Oklahoma. She enjoys snow, cross country skiing and snowshoeing. Mary and her family have relocated several times from the mid-west, which includes moves from Wisconsin to Illinois, Minnesota, Indiana, and Oklahoma.

## **2011–2012 CDC-Funded Influenza Vaccine Effectiveness Study Begins**

On January 16, research coordinators in the Epidemiology Research Center began enrolling patients into the CDC-funded influenza vaccine effectiveness study for the 2011-12 season. Many patients who live in the Marshfield area and see a physician with fever or cough will be recruited to provide a nose and throat swab for influenza testing. Vaccine effectiveness will be estimated by comparing the odds of vaccination in patients with and without the flu. Other participating sites include the University of Michigan, University of Pittsburgh, Group Health Cooperative in Seattle, and Scott & White Healthcare in Texas. On February 6 and 7, scientists from the CDC Influenza Division will be visiting MCRF to discuss implementation and analysis for this study and several ancillary studies.



## **Clinical Research Centers offers Educational Opportunites to All**

MCRF Clinical Research Center is providing the following educational opportunities to MCRF Scientists, Physicians, and staff. All questions can be directed to Anne Nikolai, Research Compliance Educator, [nikolai.anne@mcrf.mfldclin.edu](mailto:nikolai.anne@mcrf.mfldclin.edu).

### **SoCRA Wisconsin Chapter Meeting– "Principal Investigator Responsibilities" (Membership not required)**

Presenter(s): Lori Roesch, CIP, CIM, Manager of Aurora Health Care IRB; Kelly McCormick, BS, MBA, Research Compliance Analyst; & Rebecca Sandborg, PhD, Research Compliance Officer for Aurora Health Care

Date/Time: Monday, January 30, 2012 5:30 – 7:00pm

Location(s): Marshfield- Laird 50; other locations- MediaSite

### **Choosing Clinical Medicine Research Projects: What, why and how to choose a topic—One perspective**

Presenter(s): Richard Dart M.D., Emeritus Research Physician - Center for Human Genetics

Date/Time: Monday, February 20; 12:00 – 1:00pm

Location(s): Marshfield- Froehke; Weston- 2B; Eau Claire- RCC

### **In Addition:**

- The January 13 MCRF Full Foundation Meeting is available for viewing on MediaSite: <http://mediasite01a.mfldclin.edu/mediasite/SilverlightPlayer/Default.aspx?peid=ad815020e97f41d59aaa8a54152061231d>. At this meeting Dr. Richard Leer, MCRF Interim Director, addressed the Clinic Board of Directors decision to seek new leadership for MCRF and what Research Foundation administration will focus on moving forward.
- *Research Matters* is always accepting announcements. Your contributions are truly appreciated.

Contributors to this issue: Edward Belongia, Sally Lang, & Ann Nikolai

Edited by: Richard Leer, MD & Bobbi Bradley, MPH, [bradley.bobbi@mcrf.mfldclin.edu](mailto:bradley.bobbi@mcrf.mfldclin.edu), ext. 1-8939

### **Center for Human Genetics Introduces New Postdoctoral Fellow**

Dan Vasco is working with scientist Steven Schrodi, PhD. Dr. Vasco obtained his Ph.D. at the University of Texas at Austin. He is working in computational human genetics with interests in single cell cancer genomics, as well as, medical applications of machine learning in genomics and systems biology. Other interests include statistical inference using phylogenetic and epidemiological time series data for pathogen interactions. Outside of science he enjoys reading, independent films and walking his cat.

### **Are You Interested in Health Equity Research? UW ICTR to Host Health Equity Leadership Institute (HELI)**



**HEALTH  
EQUITY  
LEADERSHIP  
INSTITUTE**

June 10 – 15, 2012 UW Institute for Clinical and Translational Research (ICTR), in partnership with the Maryland Center for Health Equity in the School of Public Health and the Collaborative Center for Health Equity at the University of Wisconsin-Madison will offer an intensive weeklong “research boot camp” focused on increasing the number of investigators engaged in health disparities/health equity research.

This year the institute will showcase several translational research efforts underway here in Wisconsin. Each project or effort has a health equity/disparities focus and is being conducted in partnership with diverse community partners. The institute will also highlight exciting community-based participatory research initiatives exploring individual decision making about participation in biomarker research projects. It will introduce several UW ICTR community partners who reside in both rural and urban settings of Wisconsin. Importantly, the Institute is also designed to foster professional networking for participating scholars and to create a collaborative learning environment for both Institute scholars and faculty.

Applications from minority fellows, junior faculty or post doctorates in health, social and behavioral sciences addressing research in minority health, health disparities, and/or health equity are especially encouraged. The HELI program is free; limited support for travel and accommodations is available. To apply visit: <https://ictr.wisc.edu/HELIRegistration>. Up to 30 scholars will be invited to attend.

### **Compliance Analyst in ORIP Passes Healthcare Research Compliance Exam**

Melissa Ostrowski, Compliance Analyst in the Office of Research Integrity and Protection recently sat for and passed the Healthcare Research Compliance exam offered through the Health Care Compliance Association. This exam covers a gamut of research compliance issues including such topics as research billing, scientific misconduct, conflict of interest, human subject protection, animal protections, privacy and security, FDA-regulated research, grants management, auditing and monitoring, and even corporate compliance. Melissa is now Certified in Healthcare Research Compliance and can add the initials CHRC behind her name. Congratulations Melissa!

### In Addition:

- Watch this week's *Pulse* for an announcement on Dr. Adedayo Onitilo's publication in JAMA. Other coverage of the study can be found at:
  - Milwaukee Journal Sentinel Online:  
<http://www.jsonline.com/blogs/news/HealthScience.html>
  - Wisconsin Public Radio Interview with Kathleen Dunn:  
<http://wpr.org/ideas/programnotes.cfm>
  
- Mark Your Calendar! Future Monthly Full Foundation Meeting Dates:
  - Thursday, March 8, 10:00 – 11:00
  - Thursday, April 26, 10:00 – 11:00
  - Thursday, May 31, 10:00 – 11:00
  - Thursday, June 28, 10:00 – 11:00
  - Thursday, July 26, 10:00 – 11:00
  - Thursday, August 30, 1:30 – 2:30
  - Thursday, October 4, 10:00 – 11:00
  - Thursday, November 1, 10:00 – 11:00
  - Thursday, December 6, 10:00 – 11:00
  
- *Research Matters* is always accepting announcements. Your contributions are truly appreciated.

Contributors to this issue: Diane Austin, Sally Lang, Jeanette Normington, & Bryn Oswald

Edited by: Richard Leer, MD & Bobbi Bradley, MPH, [bradley.bobbi@mcrf.mfldclin.edu](mailto:bradley.bobbi@mcrf.mfldclin.edu), ext. 1-8939

### Release of Clinical Medicine & Research

*Clinical Medicine & Research* released its first issue of 2012 this week. Volume 10, issue 1 features articles by Jeff VanWormer (MCRF-Epidemiology), Barbara Bartkowiak (Magnin Library), and the team of Kasirye, Manne, Epperla, Bapani, and Garcia-Montilla (Marshfield Clinic). Visit the journal's web site- [www.clinmedres.org](http://www.clinmedres.org) to view the issue online, or contact the Editorial Office at [clinmedres@mcrf.mfldclin.edu](mailto:clinmedres@mcrf.mfldclin.edu) to receive a complimentary print copy. If you would like to receive email notification of future issues and articles published online ahead of print, visit the journal's web site, click on the "Sign up for Email Alerts" link in the center of the homepage and enter the requested information.



### ORIP Releases Several New IRB Policies

Effective January 1, 2012, the new IRB Policies include:

- "Appealing IRB Decisions" (4424.0) - outlines how an IRB decision to disapprove, suspend, or terminate research can be appealed through a written request submitted within 30 days of written notice of the decision.
- "Suspension and Termination of Research," (4444.0) - describes the IRB's authority to suspend or terminate research, the considerations to be made before suspension and termination, and how suspensions or terminations have to be reported.

ORIP also updated and revised several existing IRB/ORIP policies and forms.

- "Assent of Children" (1811.1) - outlines a new process for obtaining assent via separate assent forms
- "Sharing and Transferring Research Data and Materials" (3308.3) - revised to clarify that investigators must complete a transfer request form whenever a visiting research will access Marshfield Clinic records onsite.
- "IRB Consent Sample" – now includes a statement required by the FDA for certain clinical trials about how to access trials information online.
- "IRB Amendment/Revision/Update (ARU) Submission" form - revised to alert investigators when a new request for a waiver of informed consent and/or authorization should be submitted to the IRB, and to provide detail about planned sharing or transfer of research data or materials.

ORIP releases policy and form changes quarterly, with the next release scheduled for April.



### CDC Visits MCRF

On Feb 6 and 7, a team of five investigators visited MCRF from the Influenza Division at CDC. They met with members of the influenza vaccine effectiveness investigation team in the Epidemiology Research Center and the Core Lab to discuss the 2011-12 seasonal enrollment and analysis of data from prior seasons.

[http://mclweb.mfldclin.org/mcrf/?page=mcrf\\_updates](http://mclweb.mfldclin.org/mcrf/?page=mcrf_updates)

## **Choosing Clinical Medicine Research Projects: What, Why and How to Choose a Topic – One Perspective**

The Center for Clinical Research is hosting an educational opportunity on Monday, February 20, 12:00 – 1:30pm in Froehle Auditorium (Weston 2B, EC RCC). Emeritus Researcher Richard Dart M.D., with the Center for Human Genetics will present “Choosing Clinical Medicine Research Projects: What, Why and How to Choose a Topic – One perspective”. The presentation will also be available via Mediasite Live.

Contributors to this issue: Ed Belongia, Anne Nikolai, Melisa Ostrowski, & Sherry Salzman.

Edited by: Richard Leer, MD & Bobbi Bradley, MPH, [bradley.bobbi@mcrf.mfldclin.edu](mailto:bradley.bobbi@mcrf.mfldclin.edu), ext. 1-8939

### ORIP Education Series –Withdrawal of Research Subjects

All investigators and research staff are invited to a new Office of Research Integrity & Protections (ORIP) Education Series, which will begin on Thursday, March 15, 2012 in Room Lawton R1C at 10:00am.

The ORIP Education Series will focus on emerging issues in research compliance, institutional policies and procedures, and how regulations and guidelines can be instituted at Marshfield Clinic. The Series will kick off with a presentation on the topic of withdrawal of research subjects. The federal agency overseeing human subject protection has recently issued guidance on this topic. Focus areas will include when withdrawals can occur, how to draft informed consent documents to adequately address future withdrawals, and how to identify what research activities may continue after withdrawal.

### Upper Midwest Agricultural Safety & Health Center Launches Website

The Upper Midwest Agricultural Safety and Health (UMASH) Center is one of nine Centers of Excellence in Agricultural Disease and Injury Research, Education, and Prevention funded by the National Institute for Occupational Safety and Health (NIOSH) throughout the United States.

The center is a collaboration of the **National Farm Medicine Center of the Marshfield Clinic**, University of Minnesota School of Public Health and College of Veterinary Medicine, and the Minnesota Department of Health. This collaboration brings together unique and complimentary expertise to address existing and emerging occupational health and safety issues in agriculture.

To learn more about the center and Marshfield Clinic National Farm Medicine Center related studies visit their new website at <http://www.umash.umn.edu/about.html>. For a list of studies/Projects visit [http://www.umash.umn.edu/projects/umash\\_projects.html](http://www.umash.umn.edu/projects/umash_projects.html).



### In Addition:

- Office of Scientific Writing and Publications welcomes Jenna Hulke, a student intern from UW-Stevens Point who will be with the office until June, 2012.
- CRC Education Series: Tuesday, March 20, 2012 from 12:00 – 1:00pm Froehlke Auditorium; “Improving Warfarin Dosing Through Genetic Testing”; Speaker: Jim Burmester, PhD. Presentation is also available via MediaSite: <http://mediasite01a.mfldclin.edu/mediasite/SilverlightPlayer/Default.aspx?peid=ef51097f7c01408f8b72fe2d1c30eaf31d>.
- *Research Matters* is always accepting announcements. Your contributions are truly appreciated

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### **Donated Funds Available for Research**

Each year, through the successful efforts of Marshfield Clinic Development staff, MCRF receives hundreds of thousands of dollars from grateful patients to be used for conducting disease specific research. Through MCRF's Internal Funding policy:

[http://srdweb1/clinic/policies/policy\\_details.asp?RecID=253](http://srdweb1/clinic/policies/policy_details.asp?RecID=253) employees of Marshfield Clinic can apply for access to these monies by submitting a research proposal to the Research Committee for scientific merit review.

The "Research Committee Application – Projects Requesting Funds" is located at:

[http://srdweb1/clinic/policies/form\\_results.asp?FL=Yes&L=R&typeEntity=clinic](http://srdweb1/clinic/policies/form_results.asp?FL=Yes&L=R&typeEntity=clinic). A listing of disease specific funds available can be found on the Research Mentor intranet landing page, with a link titled "Donated Funds Available for Research": <http://mclweb/mcrf/?page=researchmentor>. Applications may be submitted any time prior to the start of a new quarterly cycle, with new cycle dates beginning on the 16 of March, June, September and December.

Questions regarding this funding mechanism can be directed to Deb Hansen, Sponsored Programs/Fiscal Affairs (7-9130).

### **NEW: Research Committee Amendment Submission Form**

Up until now, ORIP has not had an amendment form specific to Research Committee projects. The IRB form had been used to process changes through Research Committee, but this was not ideal because each Committee's oversight purposes are different. Please use this new submission form for Research Committee project changes that require prior approval because they are expected to affect the overall goal, specific aims, or objectives of the study, substantively alter the research methodology, and/or involve investigator changes. The Research Committee Amendment Submission Form can be found at <http://www.marshfieldclinic.org/rc/pages/default.aspx?page=formsearch.3>.

### **MCRF Scientist Appointed to Serve on Expert Panel on Oral Health**



Dr. Amit Acharya, Dental Informatics Scientist from BIRC has been appointed as one of the 16 members from around the country by the National Quality Forum (NQF) to serve on an Expert Panel on Oral Health project. Dr. Acharya was nominated by Dr. Brian Ewert, President and CEO of Marshfield Clinic.

This project will address the need for oral health performance measures that are applicable to oral health safety net dental programs, the Child Health Insurance Program Reauthorization Act (CHIPRA), the Medicare and Medicaid core measures set, and for use by other implementers. It will build on work by HHS, AHRQ, HRSA, the DQA, and others to identify oral health measures throughout the measure pipeline, including measure concepts, recognizing where there are gaps in measures and prioritizing measure concepts for further development and testing.

The project will focus on measures applicable to all populations, with specific focus on children and other vulnerable populations. The Expert Panel recently met in Washington, DC on March 30th, 2012. For more details, visit [http://www.qualityforum.org/Projects/n-r/Oral\\_Health/Oral\\_Health.aspx](http://www.qualityforum.org/Projects/n-r/Oral_Health/Oral_Health.aspx).

[http://mclweb.mfldclin.org/mcrf/?page=mcrf\\_updates](http://mclweb.mfldclin.org/mcrf/?page=mcrf_updates)

## March Marked a Busy Month for Scientists and Staff within NFMC

- Tom Drendel, agricultural safety specialist, and Carol Magurany-Brotski, occupational safety manager, presented “Ready for an OSHA Visit? Develop Your Farm Safety Manual Now” at the 2012 Business Conference of the Professional Dairy Producers of Wisconsin (PDPW) at Alliant Energy Center in Madison in early March.

Drendel and Magurany-Brotski are part of the Farm Center’s new Agricultural Safety Consulting (ASC) service. ASC Tailored Service Packages range from identifying hazards and making abatement recommendations to guidance on development of self-administered farm safety programs with options for on-site English and Spanish farm safety training for employees.

ASC emerges at a time when the Occupational Safety and Health Administration (OSHA) has initiated a Local Emphasis Program to inspect dairy farm operations in Wisconsin, focusing on common hazards in dairy farm activities. ASC can help farm owners not only comply with safety and health regulations, but assist in reducing hazardous exposures that could lead to an employee injury.

- National Farm Medicine Center in partnership with AgriSafe Network and Migrant Clinicians Network sponsored a webinar on the “How To” of cholinesterase monitoring. The Webinar was designed for health care professionals who might supervise monitoring and featured Dr. Matthew Keifer, Dean Emanuel Endowed Chair/National Farm Medicine Center director. Keifer is board certified in internal medicine and occupational medicine and is an internationally renowned researcher regarding pesticides and agricultural health and safety. For more than 20 years, Keifer has focused his clinical practice and research largely on farmworkers.

The webinar also featured Carolyn Sheridan, a national leader in developing agricultural health clinics and providing occupational health services to the agricultural community.

Those who participated in the webinar received information about new resources, including clinical protocols for cholinesterase monitoring. [www.migrantclinician.org/services/education/webcasts](http://www.migrantclinician.org/services/education/webcasts).

- The Journal of Agromedicine has been accepted by ISI/Thomson Reuters for coverage in the Science Citation Index Expanded and the Journal Citation Reports. It will be in the PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH category. The first Impact Factor is anticipated in the 2012 Journal Citation Report (published summer 2013). The National Farm Medicine Center has edited the Journal since 2004. It is published by Taylor and Francis.



## Thanks given to Physicians and Scientists involved in Multiple Sclerosis Research

Since 2005, members of the Roth-Mallek family have been generous supporters of Multiple Sclerosis (MS) research at MCRF. Recently, they visited MCRF and met with Loren Rolak, MD, Steven Schrodi, PhD, Sanjay Shukla, PhD and members of the Marshfield Clinic Development team to learn more about MS research. As a follow-up to the visit, Nancy Roth-Mallek sent the following email to Todd Kuckkahn, Marshfield Clinic Development Officer. Nancy’s brother Gary has Multiple Sclerosis.

*Todd,*

*I would like to express my sincere thank you for lunch last Friday. It was very informative and exciting. As expected we are very interested in not only where the money we raise is going, but in the progress of the research to eliminate this awful disease. The people that donate to this cause are all connected in some way. They are good people with huge hearts and tons of compassion. They know Gary, Bonnie, or Dan and are sincere in their*

*hope that their contribution whatever the size will help. We understand how busy everyone is and appreciate the time afforded to fill us in.*

*This disease has taken so much from Gary. Although he is the same man on the inside, the physical destruction he has suffered is devastating. His disease is ugly, unfair, consuming, relentless, and unforgiving. I hate it, but he carries his cross without complaint. As he is confined to a wheel chair day after day with complete dependence on others he has a lot of time to think. He could be consumed in self-pity or what if, but instead he is constantly thinking about how he can help and if he knows something that might be of value. Thank you for taking the time to listen to him. It's really not more complicated than that. Taking the time to listen to his opinions/thoughts, makes all the difference to him, and me. He was very excited when he left and had a sense of accomplishment which is rare for him. Thank you for that! He is truly an amazing man and I am so proud to be his sister. You made his day and he will hold on to that for a long time.*

*Nancy*

The Marshfield Clinic Development Department thanks the physicians and scientists involved in this important piece of donor stewardship.

#### **In Addition:**

- On April 9 and 10, Marshfield Clinic Applied Sciences will be hosting the Wisconsin Technology Council Board of Directors. The membership consists of roughly 50 members representing all technology based industry sectors throughout the state of Wisconsin. The evening reception on April 9, 5:30pm – 7:30pm is open to anyone having interest in networking with the group or learning more about Marshfield Clinic's Biomedical Informatics Research Center. Please RSVP to [sreigstad@wisconsintechcouncil.com](mailto:sreigstad@wisconsintechcouncil.com).
- The next MCRF Full Foundation meeting is Thursday, April 26 at 10am in the Froehle Auditorium. Dr. Richard Leer, will use these meetings as an opportunity to address questions submitted from Staff and Scientists. Please email or route your questions to Jeanette Normington (1R3/ [Normington.Jeanette@mcrf.mfldclin.edu](mailto:Normington.Jeanette@mcrf.mfldclin.edu)) by April 24th. As in the past, all questions will remain confidential.
- *Research Matters* is always accepting announcements. Your contributions are truly appreciated.

Contributors to this issue: Deb Hansen, Dixie Schroeder, Scott Heiberger, Pete Schmeling, Jeanette Normington, and Kathy Leick.

Edited by: Richard Leer, MD & Bobbi Bradley, MPH, [bradley.bobbi@mcrf.mfldclin.edu](mailto:bradley.bobbi@mcrf.mfldclin.edu), ext. 1-8939

### **MCRF Says Thank you to Delta Dental**

Members of the Delta Dental leadership team visited MCRF on April 25, 2012 to learn about the advancements in oral and systemic research made possible by their \$1.1 million gift in 2011. Their gift established the *Delta Dental Oral and Systemic Health Research Initiative* to support dental informatics, dental and craniofacial research, research on the interrelationship between diseases of the mouth and of the rest of the body and expansion of the personalized medicine project to include dental patients.

Our friends from Delta Dental learned about many initiatives including the Patient Persona Project, development of patient education modules, the Dental Virtual Data Warehouse, the Patient Portal Project, advancements in the CattailsDental software package and the Oral Systemic Health Research Project (PMRP expansion project). In addition, they heard about how these projects directly link to the improvement of patient care at Marshfield Clinic Dental Centers.

This important piece of donor stewardship was organized by Dr. Amit Acharya and the Marshfield Clinic Development Team. Dr. Brian Ewert, Dr. Richard Leer, and Dr. Todd Stewart also played key roles throughout the day.



*Front Row (Delta Dental): Jeff Lutgen, VP Information Technology; Karen Thompson, VP Business Development; Fred Eichmiller, DDS, VP and Science Officer; Doug Ballweg, VP Finance & CFO  
Back Row (MC and MCRF): Amit Acharya, BDS, MS, PhD; Brian Ewert, MD; Richard Leer, MD*

### **National Institute of Dental and Craniofacial Research/National Library of Medicine Funds Three Dental Informatics Training Programs in the Country**



On April 10th, 2012, Donald A.B. Lindberg, MD, Director of the National Library of Medicine (NLM), announced that NLM awarded 14 five-year grants, totaling more than \$67 million, for research training in biomedical informatics, the discipline that seeks to apply computer and communications technology to improve health.

The NLM supports research training in biomedical informatics at selected educational institutions in the United States. These programs offer graduate education and postdoctoral research experiences in a wide range of areas including: health care informatics, translational bioinformatics, clinical research informatics, and public health informatics. Some programs also offer additional tracks in areas such as

dental informatics supported by the National Institute of Dental and Craniofacial Research through NLM.

University of Wisconsin, Madison in collaboration with Marshfield Clinic was one of the three sites in the nation to receive funding to provide dental informatics training through this grant. Oregon Health and Sciences University and University of Pittsburgh were the other two sites which were funded to train dental informaticians.

NLM/ National Institute of Dental and Craniofacial Research (NIDCR) funded dental informatics postdoctoral research experiences will be available through the Computation and Informatics in Biology

and Medicine (CIBM) program at UW Madison. The mission of CIBM program is to provide modern training for a new generation of researchers wishing to solve biomedical problems requiring strengths in both computational and biological science. Dr. Acharya from Marshfield Clinic will be leading the dental informatics training component and Dr. Craven and Dr. Phillips are the program directors. Dr. Acharya also serves as a CIBM Management Committee Member along with Dr. Craven, Dr. Phillips, Dr. Brennan, Dr. Mendonca, Dr. Page and Dr. Shavlik.

### **2012 Blueprint Addresses Child Agricultural Injury Prevention**

“Blueprint for Protecting Children in Agriculture: The 2012 National Action Plan” takes an updated look at preventing childhood agricultural injury and death ([www.marshfieldclinic.org/blueprint](http://www.marshfieldclinic.org/blueprint)).

The Blueprint endeavor builds upon the 1996 plan that launched a national initiative leading to a remarkable reduction in nonfatal injuries among children who live on, visit and work on farms. The 2012 Blueprint re-sets priorities to reflect changes in agricultural production and worker profiles.

The Blueprint is a product of input from the general public as well as leading researchers in childhood agricultural safety and health. Draft versions of goals and strategies were critiqued by nearly 100 stakeholders, and then posted online to solicit further public input.

“Moving forward, child advocates, farm organizations, safety practitioners, researchers, policy makers, funding agencies and corporate sponsors are encouraged to set their own priorities consistent with the goals and recommended strategies proposed in this 2012 plan,” said Barbara Lee, director of the National Children’s Center for Rural and Agricultural Health and Safety.

Agriculture is the nation’s most dangerous industry, according to the National Safety Council’s 2011 edition of Injury Facts. Although non-fatal injury rates among youth have dropped during the past decade, they remain higher than the all-industry average. Fatality rates have not dropped. An average of 100 young people die each year on farms.

To receive a print copy of the 2012 Blueprint document, contact the National Children’s Center, [nccrahs@mcrf.mfldclin.edu](mailto:nccrahs@mcrf.mfldclin.edu).



### **MCRF Thanks the VFW for their Generous Support**

“I wouldn’t be here if it weren’t for Dr. Islam and Marshfield Clinic,” said Kaila Monday, a Marshfield Clinic patient and leukemia survivor at the April 15 Veterans of Foreign Wars (VFW) and VFW Ladies 7th District meeting at Burns Post 388 in Wausau.

A team from Marshfield Clinic was invited to thank the VFW and VFW Ladies Auxiliary for their generous support of Marshfield Clinic Research Foundation initiatives which totals more than \$270,000 since 1967.

Pete Schmeling, Development Officer for Research, provided an overview of MCRF research initiatives. Dr. Rezwan Islam, an Oncologist/Hematologist at the Wausau and Weston Centers and MCRF Board of Trustees member, talked about his involvement in research and introduced Kaila Monday who was the star of the show. Mrs. Monday received a standing ovation in thanks for sharing her inspiring story.



*Pictured left to right: Kaila Monday, Dr. Rezwan Islam, Pete Schmeling*

## Policy Update - Published Research Awards

The Published Research Awards policy (#802.12) was recently updated to clarify that “For manuscripts, when resulting from extramurally funded research conducted at MC, it is expected that the source of funding will be formally acknowledged within the publication.” This policy can be found at:

[http://srdweb1/clinic/policies/policy\\_details.asp?RecID=802](http://srdweb1/clinic/policies/policy_details.asp?RecID=802). Any questions can be directed to Dr. Steve Yale (79110) or Deb Hansen (79130).

## Marshfield Clinic & MCRF highlighted in Wisconsin State Journal – April 15, 2012



Back in 1916, when the Marshfield Clinic was founded by a handful of forward looking physicians, it didn't seem so isolated. In fact, Marshfield stood at the crossroads of several major railroads – and the passenger lines that passed through were a steady source of people in need of care.

Today, the railroads are a memory in terms of ferrying people, and Marshfield is accessible mainly by highways that sometimes narrow to two lanes. However, the clinic remains a globally recognized hub for patient care as well as clinical and applied research.

Why? Innovations have trumped location. Through its research foundation, labs and applied sciences arms, the Marshfield Clinic has expertise in genomics, bioinformatics, electronic health records, drug testing, epidemiology and veterinary sciences. It routinely attracts federal and industry grants - and manages to lure top-flight researchers to its gleaming facilities in central Wisconsin, even if's off the beaten path.

The Marshfield Clinic is emblematic of the quality of biomedical research and development throughout Wisconsin – as well as the collaboration that takes place across institutional and geographic lines.

Marshfield is part of the Wisconsin Network for Health Research, which includes the UW-Madison School of Medicine and Public Health, Aurora Health Care and Gundersen Lutheran Medical Foundation. That coalition came together for the specific purpose of moving research results to the bedside faster and more efficiently.

The clinic is also part of the Wisconsin Genomics Initiative, which includes UW-Madison, the Medical College of Wisconsin and UW-Milwaukee. That initiative works with Marshfield's personalized medicine database that includes about 20,000 genetic records, making it the largest of its type in the nation.

This kind of research excellence is evident across Wisconsin. Some other Examples..... *To read more visit the Wisconsin State Journal website.*

### In Addition:

- The April 26 MCRF Full Foundation Meeting is available for viewing on MediaSite: <http://mediasite01a.mfldclin.edu/mediasite/SilverlightPlayer/Default.aspx?peid=1a60093fa990496e803df3194c24281c1d>.
- Volume 17, Issue 2 of the Journal of Agromedicine is available through the George E. Magnin Medical Library, [http://srdweb1/clinic/dept/coe/medical\\_library/journalsTC.asp](http://srdweb1/clinic/dept/coe/medical_library/journalsTC.asp).

[http://mclweb.mfldclin.org/mcrf/?page=mcrf\\_updates](http://mclweb.mfldclin.org/mcrf/?page=mcrf_updates)

- *Research Matters* is always accepting announcements. Your contributions are truly appreciated.

Contributors to this issue: Deb Hansen, Dixie Schroeder, Scott Heiberger, Pete Schmeling, Laurel Verhagen, and Cathy Schneider.

Edited by: Richard Leer, MD & Bobbi Bradley, MPH, [bradley.bobbi@mcrf.mfldclin.edu](mailto:bradley.bobbi@mcrf.mfldclin.edu), ext. 1-8939

**New Issue of *Clinical Medicine & Research* Released**

*Clinical Medicine & Research* released volume 10, issue 2 on May 16, 2012. The issue contains articles from Marshfield Clinic-affiliated physicians on the topics of outcomes in HIV vs. non-HIV patients who require mechanical ventilation (Dr. Vikas Pathak, former Clinic hospitalist); rectal bezoar caused by pumpkin seed consumption (Drs. Manne, Rangu, Motapothula, and Hall); and lymphocytic esophagitis presenting as chronic dysphagia (Drs. Kasirye, John, Rall, and Resnick). Additional articles relating to albuminuria and ischemic heart disease in type 2 diabetes; impact of anemia on mortality in ACS patients; treatment of brainstem blastomycosis with fluconazole; and osteoradionecrosis of the mandible and mastoiditis after radiotherapy are also presented. *Clinical Medicine & Research* can be read online at [www.clinmedres.org](http://www.clinmedres.org). If you would like to receive a print copy of the issue, please contact the Editorial Office by email: [clinmedres@mcrf.mfldclin.edu](mailto:clinmedres@mcrf.mfldclin.edu).



**Clinical Research Educational Forum**

*Clinical Research Educational Forum*

**Tuesday, June 12, 2012**

**Froehлке Auditorium**

Presentation 1 (9:00-10:15 a.m.)  
**“7 Key Traits of a Great  
Research Nurse/Research Coordinator”**

*\*Light refreshments served at 10:15 a.m.*

Presentation 2 (10:45 a.m.-12:00 p.m.)  
**“Mentoring and Training - Best Model”**

**CEU’s available (.125 ) per presentation**

 **Marshfield Clinic**  
Research Foundation

Contact Anne Nikolai with any questions x93007 or [nikolai.anne@mcrf.mfldclin.edu](mailto:nikolai.anne@mcrf.mfldclin.edu)



*Presented by*  
**Leslie Humphries, MT, CCRA**  
Sr. Manager, Clinical Monitoring  
DSP Clinical Research

**Objectives:**

- Identify 7 key traits
- Discuss common challenges that often prevent Research Coordinators/Nurses from being successful in their role
- Provide tips and actionable advice on how to develop the 7 key traits
- Identify common misconceptions about mentoring assignments
- Provide examples of the benefits of mentoring programs
- Outline ways to maximize the mentoring experience for both the mentor and the mentee

## MCRF Compliance Analyst Receives MBA

Congratulations to Kathy Leick, Compliance Analyst in the Office of Research Integrity and Protections, who graduated from UW-Oshkosh's MBA program on May 12th. The UW-Oshkosh MBA program is recognized for leadership development and is accredited by the Association to Advance Collegiate Schools of Business (AACSB)—a distinction awarded to fewer than 10% of business schools world-wide.

## Pesticide Health Effects Featured in New Open-Access Database

The newly-launched Pesticide Health Effects Medical Education Database (PHEMED) [www.pesticidemededucation.com/](http://www.pesticidemededucation.com/) provides educators of health professionals with materials that aid in incorporating pesticide-related issues into their curriculums.

The database and website were built by the National Farm Medicine Center, Marshfield Clinic Research Foundation, Marshfield, Wis., and the University of Washington, with support from the U.S. Environmental Protection Agency.

"This database focuses on the most common pesticide groups found in the United States, and those that cause the most human health problems," said Dr. Matthew Keifer, director of the National Farm Medicine Center ([www.marshfieldclinic.org/nfmc/](http://www.marshfieldclinic.org/nfmc/)).

PHEMED provides ready-made teaching materials for use in lectures and class exercises. PHEMED might also be useful for medical students, nursing students, physician's assistant students, occupational medicine residents and family medicine residents.

The website includes class exercises, professional competencies that are linked to activities and lectures, case studies and other pesticide-specific information. All the materials on the site are downloadable, free and can be modified.

The educational tools have been developed by a team of faculty, staff and students in the medical fields to meet the curricular needs of a wide variety of medical and nursing programs. These teaching materials are based on actual cases of pesticide poisoning identified through the Washington State Pesticide Incident Reporting and Tracking program and the published literature.



## In Addition:

- The May 31 MCRF Full Foundation Meeting is available for viewing on MediaSite: <http://mediasite01a.mfldclin.edu/mediasite/SilverlightPlayer/Default.aspx?peid=8c7c96e2e38a4e678153a1b6bcb647901d>.
- The next MCRF Full Foundation meeting is Thursday, June 28 at 10am in the Froehlke Auditorium. As mentioned at the last Full Foundation meeting, Dr. Leer & Lori Weigel will use these meetings as an opportunity to address questions or concerns presented by Staff and Scientists. Please email or route your questions to Jeanette Normington (1R3/ Normington.Jeanette@mcrf.mfldclin.edu). As in the past, all questions will remain confidential.
- A reminder that Project Shine, the Marshfield Clinic employee giving appeal, concludes on June 15. Information about the campaign may be found here: [http://srdweb1/clinic/dept/development/Employee\\_Giving/default.asp](http://srdweb1/clinic/dept/development/Employee_Giving/default.asp). Thank you to those of you who have already given!
- *Research Matters* is always accepting announcements. Your contributions are truly appreciated.

[http://mclweb.mfldclin.org/mcrf/?page=mcrf\\_updates](http://mclweb.mfldclin.org/mcrf/?page=mcrf_updates)

Contributors to this issue: Diane Austin, Scott Heiberger, Anne Nikolai, Jeanette Normington, Sherry Salzman, & Pete Schmeling.

Edited by: Richard Leer, MD & Bobbi Bradley, MPH, [bradley.bobbi@mcrf.mfldclin.edu](mailto:bradley.bobbi@mcrf.mfldclin.edu), ext. 1-8939

### Donated Funds Available for Research

Each year, through the successful efforts of Marshfield Clinic Development staff, MCRF receives a significant number of donations from grateful patients to be used for conducting disease specific research.

- Through MCRF's Internal Funding policy: [http://srdweb1/clinic/policies/policy\\_details.asp?RecID=253](http://srdweb1/clinic/policies/policy_details.asp?RecID=253) employees of MC can apply for access to these monies by submitting a research proposal to the Research Committee for scientific merit review.
- The "Research Committee Application – Projects Requesting Funds" is located at: [http://srdweb1/clinic/policies/form\\_results.asp?FL=Yes&L=R&typeEntity=clinic](http://srdweb1/clinic/policies/form_results.asp?FL=Yes&L=R&typeEntity=clinic)
- A listing of disease specific funds available can be found on the Research Mentor intranet landing page, with a link titled "Donated Funds Available for Research": <http://mclweb/mcrf/?page=researchmentor>.
- Applications may be submitted any time prior to the start of a quarterly cycle, with new cycle dates beginning on the 16<sup>th</sup> of March, June, September and December.

Questions regarding this funding mechanism can be directed to Deb Hansen (7-9130).

### 5th Annual Wisconsin Science & Technology Symposium (WSTS) to be Held at MCRF and UW-Marshfield/Wood County

Jointly organized by WiSys Technology Foundation and Marshfield Clinic, WSTS 2012 will highlight groundbreaking research throughout the state and will focus on the establishment of collaborative partnerships to accelerate innovative research.



- Learn about technology development partnerships among UW campuses, business and clinical organizations (Aurora Health Care, BayCare Clinic and Marshfield Clinic) and hear from UW campus technology spin-off companies.
- Experience the scientific poster session with faculty and student projects and sponsor exhibits.
- Participate in the Digital Tools for Healthcare workshop to learn about innovative ideas to improve patient care and reduce healthcare costs.
- WSTS 2012 topics will include: biofuel production, nanotechnology applications, fuel cell development, pharmaceuticals, digital tools, medical devices, and more.
- Scheduled public speakers include Wisconsin Economic Development Corporation Vice President of Business and Industry Lee Swindall, Aurora Healthcare President and CEO Dr. Nick Turkal, Marshfield Clinic President Dr. Brian Ewert, University of Wisconsin Extension Chancellor Ray Cross, UW-Marshfield/Wood County Dean Patricia Stuhr, and company representatives, clinicians and researchers from throughout the state. Visit [www.wisys.org/events](http://www.wisys.org/events) for a continually updated agenda.

- Networking opportunities during Monday evening reception at the Marshfield Clinic Laird Center for Medical Research, which will include tours of the Interactive Clinical Design Institute (Usability Lab) located within the Biomedical Informatics Research Center, as well as during the symposium at UW Marshfield campus.
- Prior symposia conducted at UW-Stout, UW-La Crosse, UW-Green Bay, and UW-Whitewater each attracted more than 150 participants from universities, medical institutions and private industry.
- Students are encouraged to attend, and UW System-sponsored student scholarships are available for UW students.
- Registration, Poster Submissions and Exhibit Opportunities:
  - Please visit [www.wisys.org/events](http://www.wisys.org/events) to register, submit a poster and/or learn more about exhibit opportunities. Space is limited, so register early!
  - Cost is \$50 for the 1 & ½ day event.
  - Scholarships for UW System students are available! These scholarships, sponsored by the UW System, cover the registration fee as well as meals and overnight accommodations for the 1 & ½ day event.

Please contact Mike Cenci, [mcenci@wisys.org](mailto:mcenci@wisys.org), 608-316-4034; Lisa Murray, [lmurray@wisys.org](mailto:lmurray@wisys.org), 608-316-4032; or Beth Gruber, [gruber.elizabeth@marshfieldclinic.org](mailto:gruber.elizabeth@marshfieldclinic.org), 715-389-5122 if you have questions.

### Research Foundation Seeks Sebold Award Nominations

MCRF is seeking nominees for the 2012 Sebold Award. The final deadline for submitting nominations is Friday, August 10. The award recognizes an outstanding medical researcher and supports continued research in his or her chosen field. Since 1988, an annual award of \$5,000 and a memorial plaque has been presented by D. David "Dewey" Sebold in memory of his late sister, Gwen, a long-time Clinic employee.

This year's award will be presented on Wednesday, November 14, at 5:30 p.m. in Froehлке Auditorium, Marshfield Center. A reception will follow.



**Who is eligible:** All physicians and scientists actively engaged in research and who have worked for the Clinic, including the regional Centers, for at least three years are eligible. Previous recipients of the award are also eligible. Nominees must be employed at the time of the award ceremony.

Any physician, scientist or staff member may submit a nomination. Several people may collaborate to nominate a candidate.

1. All letters explaining why the nominee deserves the award should be addressed to Dr. Mark Nook, MCRF. These documents should be routed to Jeanette Normington in MCRF Administration, 1R3, or emailed to [normington.jeanette@mcrf.mfldclin.edu](mailto:normington.jeanette@mcrf.mfldclin.edu) by Friday, August 10.

In the letter(s), address the originality and significance of the research. The research must primarily focus on human health issues and must have contributed to the improvement of patient care or public health. Also describe the researcher's reputation and involvement with collaborators from the Clinic and others nationally or internationally known.

2. Include a copy of the nominee's CV. (If you have difficulty obtaining the CV, contact Normington by email or call ext. 9-3140.)

**Recipient selection:** The Executive Committee of the Foundation's Board of Trustees will review the nominations and select the recipient in late August. The award is based upon the sole discretion of the committee, and its decision will be final.

**Funds disbursement:** The award recipient will have discretion for its use within the guidelines of MCRF's disbursement of funds policy:

1. Payment of costs associated with research projects, including personnel, equipment or other materials associated with the project
2. Attendance at scientific meetings
3. Other costs generally associated with the individual's research interests and activities

The recipient will be expected to provide a report summarizing the utilization of the funds and the results or activities that occurred as a result of the award. If a nominee's appointment within the medical complex terminates prior to the expenditure of the funds, the remaining funds will be transferred to the Foundation general research fund.

### MCRF Hosts Regional Oral-Systemic Health conference



**Marshfield Clinic**

2012

## Regional Oral-Systemic Health Conference

Friday, September 14, 2012

Robert F. Froehle Auditorium • Marshfield, WI

This activity is intended for physicians, dentists, residents, nurse practitioners, registered nurses and dental hygienists. Topics chosen have appeal and applicability for providers in a variety of practice environments.

#### Topics include:

- Opportunities and challenges in integrating medicine & dentistry
- Personalized health in oral-systemic diseases
- Pediatrician's role in childhood dental care
- Oral and systemic disease prevention
- Engaging primary care providers in facilitating good oral health
- Role of community health centers in oral-systemic health
- Translating research to medical and dental practice
- Oral health in pregnant women
- Oral cancer screening – role of physicians and dentists
- Periodontal disease and birth outcomes
- Oral manifestations of systemic diseases
- Oral care for medically compromised patients
- Use of patient portal, social media and/or mobile technologies in healthcare
- Healthcare informatics and information technology in oral-systemic health



#### Advance registration is preferred.

For complete conference information and to register, please visit our website at [www.marshfieldclinic.org/cme](http://www.marshfieldclinic.org/cme), or contact 715-389-3776 or 1-866-894-3622, ext. 9-3776, [esser.tanya@marshfieldclinic.org](mailto:esser.tanya@marshfieldclinic.org).

*This program has been funded in part by an unrestricted educational grant from Dental Crafters.*



For further information regarding this conference, please go to:  
[www.marshfieldclinic.org/education/oral-systemichealthconference2012](http://www.marshfieldclinic.org/education/oral-systemichealthconference2012)

## In Addition:

- Kristin Martinez, CRC Administrator, represented MCRF at the launch of the Wisconsin Clinical Trials Report which was held Wednesday, June 13<sup>th</sup> in Madison at BioForwards monthly breakfast meeting. Media coverage of Kristin's involvement included:
  - <http://www.wisbusiness.com/index.iml?Article=272378>
  - <http://www.jsonline.com/business/drug-industry-report-gauges-economic-impact-of-rd-in-state-n65ovv6-158882675.html>
- The June 28 MCRF Full Foundation Meeting is available for viewing on MediaSite: <http://mediasite01a.mfldclin.edu/mediasite/SilverlightPlayer/Default.aspx?peid=ca4423cc0b194cd382da9bae997e471f1d>.
- The next MCRF Full Foundation meeting is Thursday, July 26 at 10am in the Froehlke Auditorium. As a reminder, Dr. Leer & Lori Weigel will use these meetings as an opportunity to address questions or concerns presented by Staff and Scientists. Please email or route your questions to Jeanette Normington (1R3/ Normington.Jeanette@mcrf.mfldclin.edu). As in the past, all questions will remain confidential.
- MCRF continues a 40-plus-year tradition of concluding the Summer Student Intern Program with a Research Symposium on Thursday, August 9, from 8:30am until 12:30pm in Froehlke Auditorium at Marshfield Clinic Marshfield Center. A luncheon follows the presentations. Schedule of events and description of the presentations will be released soon. If interested in attending, please place a hold in your schedule.
- Dental Informatics Seminar to be held July 18, 12:00pm - 1:00pm in Froehlke Auditorium. Presenter Rachel Badovinac Ramoni, DMD, ScD from Harvard Medical School will present "Doing More with Health Data: From Dental Diagnostic terms to SMART Systems".
- Dental Informatics Seminar to be held August 8, 12:00pm – 1:00pm in Froehlke Auditorium. Presenter Heiko Spallek, DMD, PhD, MSBA (CIS) from the University of Pittsburg will present "The Role of Informatics in Research, Patient Care, and Education".
- Clinical Medicine & Research has released newly accepted articles online ahead of print. Read articles by MCRF researchers Stephanie Irving, Ed Belongia, Mary Vandermause, Jim Burmester, Po-Huang Chyou, and many others at <http://www.clinmedres.org> (click on "View RAPID RELEASE Articles").
- *Research Matters* is always accepting announcements. Your contributions are truly appreciated.

Contributors to this issue: Elizabeth Gruber, Jeanette Normington, Sherry Salzman, & Dixie Schroeder.

Edited by: Richard Leer, MD & Bobbi Bradley, MPH, [bradley.bobbi@mcrf.mfldclin.edu](mailto:bradley.bobbi@mcrf.mfldclin.edu), ext. 1-8939

### **MCRF Hosts Summer Research Symposium August 9**

Marshfield Clinic Research Foundation (MCRF) continues its 40-plus-year tradition of concluding the Summer Intern Program with an Intern Symposium from 8:15 a.m. to 12:30 p.m. on Thursday, August 9, in Froehle Auditorium at Marshfield Clinic Research Foundation. A luncheon follows the presentations.

Directed by Bobbi Bradley, M.P.H., MCRF administrator, the summer internship provides a 12-week research experience tailored to the student's skill level and related to the ongoing research program in a specific area. Through the generous support of donors, the program enables tomorrow's leaders in research and health care to work side-by-side with scientists who are experts in their fields.



Clinic staff and physicians are invited to attend as many of the presentations as schedules allow. Below are the presentations and a brief description of the individual student projects.

#### **Michael Jorgensen- 8:30 a.m.**

Mentored by Elizabeth McPherson, M.D., and Christina Zaleski, M.S., CGC, Marshfield Clinic Medical Genetics, Jorgensen conducted an in-depth study on the relationship of cardiac malformations to other fetal anomalies and specific maternal complications (such as diabetes, hypertension, or infection) among stillbirths in the Wisconsin Stillbirth Service Program cohort. Jorgensen is a native of Clinton, Iowa, and will begin medical school at the University of Iowa Carver College of Medicine in August.

#### **Onur Asan- 9 a.m.**

With the guidance of Amit Acharya, B.D.S., M.S., Ph.D., Dental Informatics scientist/associate research scientist, Asan researched the patient-provider and provider-computer interaction at the dental operator. This work is essential to inform both future health information technology (HIT) design and training programs that will help dental providers effectively integrate HIT use with patient communication. A native of Istanbul, Turkey, Asan received his master's degree in industrial and system engineering from the University of Wisconsin-Madison in 2010 and is currently pursuing his doctoral degree at the same institution.

#### **Lauren Janes- 9:30 a.m.**

Mentored by Dr. Acharya, Janes developed patient education modules focused on the oral-systemic connection; particularly diabetes, pregnancy and osteoporosis as they relate to oral health and periodontal disease. A native of Waukesha, Janes will receive her undergraduate degree in December from UW-Madison with a major in medical microbiology and immunology and Spanish. This summer, Janes is applying to dental school scheduled to begin August 2013.

#### **Leif Berg- 10 a.m.**

With guidance from Robert Moritz, MCRF Biomedical Informatics Research Center chief user experience designer, Berg worked in the Interactive Clinical Design Institute where scientists study the way that people - doctors, nurses, patients and consumers - interact with health care technology. Berg's research

seeks to understand the potential benefits of integrating cognitive and behavioral modeling into the early evaluation of an electronic health record. A native of Hutchinson, Minnesota, Berg is currently finishing his Ph.D. in human-computer interaction at Iowa State University.

**Jessica Lovstad-** 10:30 a.m.

Mentored by Anna Schotthoefer, Ph.D., MCRF Core Lab, Lovstad was based out of Kemp Natural Resources Station, trapping small mammals and completing tick dragging surveys. She collected ticks and ear biopsies in order to investigate tick-borne disease risk, specifically Lyme disease, in developed and restored lakeshore sites in Vilas County, Wisconsin. A native of Oregon, Illinois, Lovstad is currently pursuing her doctor of veterinary medicine degree from the University of Wisconsin-Madison School of Veterinary Medicine.

**Jordan Dieckman-** 11 a.m.

With mentorship from Jennifer Meece, Ph.D., MCRF Infectious Disease scientist, Dieckman investigated veterinary blastomycosis by genotyping isolates of *Blastomyces dermatitis* obtained from veterinary species and by surveying veterinarians on how canine blastomycosis presents clinically, is diagnosed and is treated. A native of Cashton, Wisconsin, Dieckman is currently pursuing her doctor of veterinary medicine degree from the University of Wisconsin-Madison School of Veterinary Medicine.

**Megan Elderbrook-** 11:30 a.m.

Mentored by Jeffery VanWormer, Ph.D., MCRF Epidemiology Research Center scientist, Elderbrook investigated the association between prior statin use and acute respiratory infections, including laboratory confirmed cases of influenza and symptom severity among Marshfield adults age 35-84. A native of Marshfield, Elderbrook is currently in the master of public health program at the University of Wisconsin-Madison School of Medicine and Public Health.

**Lucas Leonhard-** Noon

With the guidance of Steven Yale, M.D., MCRF Clinical Research Center director; Joseph Mazza, M.D., MACP, emeritus senior research scientist; and James Burmester, Ph.D., MCRF senior research scientist, Leonhard investigated dosing strategies for temporary Warfarin discontinuation and reinitiation. A native of Marshfield, Leonhard will begin medical school at the University of Wisconsin-Madison School of Medicine and Public Health in August.

### **New Conflict of Interest Disclosure Requirement for PHS-Funded Proposals**

As most MCRF investigators are aware, an online tool for annual conflict of interest disclosures has been implemented to disclose financial and associational interests related to their institutional responsibilities.

**Beginning August 24th**, this same tool will be used to submit transactional disclosures. All investigators and key personnel named in proposed projects applying for PHS funding will be required to complete the online transactional disclosure prior to submission of the proposal. This is in addition to the required annual disclosure and regardless of whether or not a new interest has been acquired.

Notification of the need to complete a transactional disclosure will be sent by Sponsored Programs to key personnel named in PHS-funded proposals. This online disclosure will replace the paper version of the disclosure questionnaire currently administered by Sponsored Programs.

If an Investigator or Key Person is unable or unwilling to comply with the requirements of this policy, they will not be allowed to participate on the research project.

The organizational units of PHS are: (1) the Agency for Healthcare Research and Quality (AHRQ), (2) the Agency for Toxic Substances and Disease Registry (ATSDR), (3) the Centers for Disease Control and Prevention (CDC), (4) the Food and Drug Administration (FDA), (5) the Health Resources and Services Administration (HRSA), (6) the Indian Health Service (IHS), (7) the National Institutes of Health (NIH), and (8) the Substance Abuse and Mental Health Services Administration (SAMHSA).

[http://mclweb.mfldclin.org/mcrf/?page=mcrf\\_updates](http://mclweb.mfldclin.org/mcrf/?page=mcrf_updates)

For transactional disclosures specific to PHS-funded proposals, please contact Deb Hansen (7-9130) or Bonnie Ohlsson (7-9192) if you have questions. For quick reference, a disclosure "User Guide" and FAQ document for completing disclosures is located on the ORIP website [http://www.marshfieldclinic.org/rc/pages/default.aspx?page=research\\_comp\\_coi\\_inv\\_res\\_reporting](http://www.marshfieldclinic.org/rc/pages/default.aspx?page=research_comp_coi_inv_res_reporting).

### **MCRF Researcher selected for first WisMEF Scholar Award**

Steven Yale, MD has been selected to receive the first Wisconsin Medical Entrepreneurship Foundation (WisMEF) Innovation Scholar award on behalf of Marshfield Clinic. This award is a way to honor an inventor from each founding institution of WisMEF based on his or her innovative discovery in advancing superior patient care.

The WisMEF represents a groundbreaking effort to advance medical innovation, patient care and entrepreneurship. The initiative leverages unique skills and resources available at Wisconsin's leading clinical institutions including Aurora Health Care, Marshfield Clinic Applied Sciences and BayCare Clinic with the technical expertise of UW System comprehensive campuses to develop cutting-edge medical technologies for business opportunities, student advancement and patient care.

Dr. Yale was publically recognized and awarded both a plaque and monetary award of \$250 to be allocated to a research area of interest at the Wisconsin Science & Technology Symposium on July 24. Please congratulations to Dr. Yale on his award and thank him for his contributions to science and technology.



### **Stevens Point Journal Highlights MCRF Advancements in Medical Research- July 7, 2012**



MCRF Senior Research Associate Lynn Ivacic places a chip with DNA into it in the Nanodispenser at the Laird Center.

Quick-response (QR) codes were developed in 1994 by a Toyota subsidiary to track auto parts and vehicles, and the two-dimensional barcodes in recent years have exploded as a marketing tool with the popularity of smartphones.

Now, medical researchers are exploring the use of QR codes in prescribing medications. They envision a world where people carry around key personal genetic information in their pocket.

Under the preliminary concept, the small portion of a patient's genetic information that is tied to their body's reaction to pharmaceuticals -- about 400 genes out of about 23,000, or less than 2 percent -- would be embedded in a QR code printed on their health insurance card, said Dr.

Simon Lin, director of the Marshfield Clinic biomedical informatics research center.

A physician could use a patient's genetic profile to more quickly choose the best treatment and to prescribe drug dosages tailored to that individual, akin to getting prescription lenses for eyeglasses.

Doctors frequently ask new patients what drugs they're allergic to.

"And we believe the next question in the future is, 'What is your genotype?'" Lin said.

Pharmacogenomics, the study of how genetic variations affect people's response to drugs, is just one example of how scientists' successful mapping of the human genome near the turn of the millennium is shaping the future of medicine.

Studying a person's genome, or all their genetic information, can make medicine more personal and precise, Lin said.

[http://mclweb.mfldclin.org/mcrf/?page=mcrf\\_updates](http://mclweb.mfldclin.org/mcrf/?page=mcrf_updates)

"So what's unique about this particular (patient), and how can we tailor the medicine, the treatment, just to this particular person?" Lin asked..... To read more visit the Stevens Point Journal website at: [http://www.stevenspointjournal.com/apps/pbcs.dll/article?AID=2012207070421&nclick\\_check=1](http://www.stevenspointjournal.com/apps/pbcs.dll/article?AID=2012207070421&nclick_check=1).

### **In Addition:**

- 2012 Oral-Systemic Health Conference, Friday, Sept 14, 2012 in Froehle Auditorium. For complete conference information and to register, please visit the website at [www.marshfieldclinic.org/cme](http://www.marshfieldclinic.org/cme), or contact 715-389-3776 or 1-866-894-3622, ext. 9-3776, [esser.tanya@marshfieldclinic.org](mailto:esser.tanya@marshfieldclinic.org). This program has been funded in part by an unrestricted educational grant from Dental Crafters.
- The July 26 MCRF Full Foundation Meeting is available for viewing on MediaSite: <http://mediasite01a.mfldclin.edu/mediasite/SilverlightPlayer/Default.aspx?peid=8b143627eb114a8c8dc7318c6d6113a91d>.
- The next MCRF Full Foundation meeting is Thursday, August 30 at 1:30pm in the Froehle Auditorium. As a reminder, Dr. Leer & Lori Weigel will use these meetings as an opportunity to address questions or concerns presented by Staff and Scientists. Please email or route your questions to Jeanette Normington (1R3/ Normington.Jeanette@mcrf.mfldclin.edu). As in the past, all questions will remain confidential.
- MCRF is seeking nominees for the 2012 Sebold Award. The final deadline for submitting nominations is Friday, August 10. Contact Jeanette Normington, [normington.jeanette@mcrf.mfldclin.edu](mailto:normington.jeanette@mcrf.mfldclin.edu), for nomination instructions.
- A link to a video of highlights from the HMO Research Network 2012 panel discussion on the learning health system is now available: <http://www.grouphealthresearch.org/news-and-events/newsrel/2010/120806.html>. The panelists include leaders from Geisinger, Health Partners, KP Colorado, and Group Health--with Dr. Donald Berwick.
- *Research Matters* is always accepting announcements. Your contributions are truly appreciated.

Contributors to this issue: Patricia Baer, Sally Lang, Jeanette Normington, Dixie Schroeder, & Michelle Wellsandt.

Edited by: Richard Leer, MD & Bobbi Bradley, MPH, [bradley.bobbi@mcrf.mfldclin.edu](mailto:bradley.bobbi@mcrf.mfldclin.edu), ext. 1-8939

### **BIRC Dental Informatics Team Announces New Staff**

Dr. Amit Acharya has recruited three new members to the Dental Informatics (DI) team at BIRC:

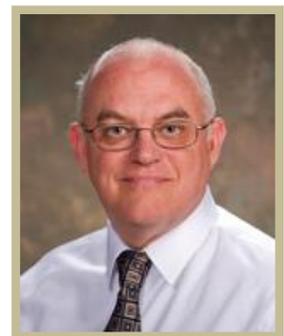
Dr. Neel Shimpi, DI Research Assistant: She has a Master of Management with concentration in Healthcare Informatics from Cambridge College, Cambridge, Post Graduate Diploma in Healthcare Management, Post Graduate Certificate in Clinical Research from Symbiosis Center of Health Sciences, Pune, India and a Bachelor in Dental Surgery from C.S.M.S.S Dental College & Hospital, India.

Ms. Kelsey Schultz, DI Research Specialist: We were looking for a masters level Informatician position to support the growing needs of the DI research. Many of you may already know Kelsey from her previous role with the DI team where she served as a Research Assistant. Kelsey has a Master's degree in Healthcare Informatics from University of Wisconsin-Milwaukee Milwaukee, WI and a Bachelors of Science degree from Texas A&M University College Station, TX. She also recently was accepted to pursue her PhD in Medical Informatics at University of Wisconsin-Milwaukee Milwaukee, WI.

Ms. Dixie Schroeder, DI Research Project Coordinator: To support the administrative and management duties of the growing DI research program, we were looking for a coordinator/team lead who could support me in the various new initiatives. As most of you are aware that Dixie recently graduated with a Bachelor's Degree in Business Management from Lakeland College, Sheboygan, WI with emphasis on Healthcare Management, an Associate's Degree in Business Management from Mid-State Technical College, Marshfield, WI. She also has a Nursing Assistant Certificate from South Central Vocation Center, Baraboo, WI.

### **Epidemiology Research Center Welcomes New Research Scientists**

David L. McClure, PhD joined the Epidemiology Research Center on August 13 as a Clinical Epidemiologist (Research Scientist). David received his PhD in Analytical Health Sciences (Epidemiology/Biostatistics) from the University of Colorado in 2005, and is coming to MCRF from Kaiser Permanente-Colorado (KPCO), Institute for Health Research. David has a strong foundation in public health, health services, comparative effectiveness, and occupational health research. At KPCO, David was a co-investigator and chief epidemiologist for the Scalable Partnering Network (SPAN) for Comparative Effectiveness Research, funded by AHRQ; site principal investigator for the NIH funded Data Mining Electronic Health Records for Adverse Events study; principal investigator for the CDC funded Vaccine Safety Datalink project; and currently serves as an epidemiologist and biostatistician on other vaccine related studies.



David L. McClure, PhD

David's work within the Epidemiology Research Center will include working with the local MESA population, as well as regional and national collaboratives such as ICTR. Through collaboration/consultation, David will assist clinicians and other scientists conducting epidemiologic research, plan and implement externally funded research within the center, and will also serve as a collaborator and co-investigator on federally funded epidemiologic research in areas such as vaccine safety, vaccine effectiveness, cancer epidemiology, etc.

"We are very lucky to have Dave on our team," said Dr. Ed Belongia, Director of the Epidemiology Research Center. "He brings a great deal of expertise to our research program in vaccine safety, and he

will fill a critical need for collaboration with other scientists and clinician investigators on observational studies.”

The Epidemiology Research Center is also happy to announce that Huong McLean, PhD, MPH will be joining MCRF as a tenure track epidemiologist in November. Dr. McLean has an extensive background in epidemiology with a focus on infectious diseases and vaccines. She received her MPH from the University of Minnesota, followed by a two year research fellowship in the National Immunization Program at CDC. As part of this fellowship, she led a study on declining mortality due to varicella vaccine. Her work was published in the New England Journal of Medicine and nominated for a science award at CDC.



Dr. McLean presenting at the annual meeting of the Infectious Diseases Society of America

Dr. McLean received her PhD in Epidemiology from the University of Washington in 2008, and since then she has worked in the Division of Viral Diseases at CDC. Over the past several years Dr. McLean has been involved in multiple studies and outbreak investigations for vaccine preventable diseases, including studies of vaccine effectiveness and risk factors for measles, mumps and rubella. During this time she also served as a WHO consultant on polio eradication, and she led a community study of measles in the African country of Burkina Faso.

Dr. McLean plans to build and expand the research programs addressing vaccine preventable diseases and other infectious diseases at MCRF. “Huong has the right combination of analytical skills, research experience, and enthusiasm to become a highly successful scientist at MCRF,” said Dr. Belongia. “She will definitely boost our research productivity and our ability to compete for federal grants.”

Dr. McLean will officially begin work at MCRF on November 12.

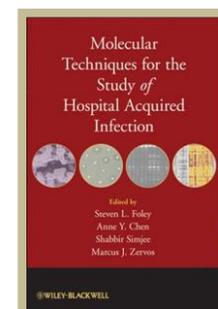
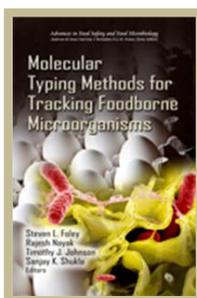
### MCRF Researcher Co-Authors Book Chapters

Over the past few months Dr. Shukla co-authored seven book chapters including serving as one of the editors in one of three different text/reference books on infectious diseases and food safety.

1) Dr. Sanjay Shukla is one of the editors of the first edition of a new book entitled, “Molecular Typing Methods for Tracking Foodborne Microorganisms” published by Nova Science Publishers, Inc. New York. This book is part of the series of Advances in Food Safety and Food Microbiology. Dr. Shukla co-authored five chapters in this book on topics such as: Antimicrobial Resistance in Food Borne Pathogens, Subtyping of Bacterial Foodborne Pathogens, Pulsed-Field Gel Electrophoresis Analysis of Bacterial Foodborne Pathogens, Other Restriction-Based Typing Methods, and Current Issues, Challenges and Future Directions for Subtyping of Bacterial Food Borne Pathogens.

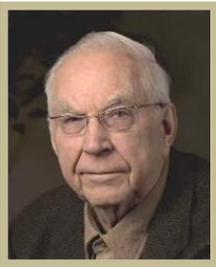
2) Dr. Shukla co-authored a chapter, Staphylococcus aureus in the 4th edition of the Hospital Epidemiology and Infection Control (1574 pages) edited by C. Glen Mayhall, M.D., and published by Walters Kluwer/Lippincott Williams and Wilkins.

3) Dr. Shukla co-authored book chapters entitled, Pulsed-field Gel Electrophoresis and Restriction Analysis techniques in Molecular Techniques for the Study of Hospital Acquired Infection published by Wiley and Blackwell, New Jersey.



[http://mclweb.mfldclin.org/mcrf/?page=mcrf\\_updates](http://mclweb.mfldclin.org/mcrf/?page=mcrf_updates)

## An Innovative Gift



Mr. Chet Krause of Iola, WI recently gave a \$100,000 gift to support the new Fund for Innovation and Growth at Marshfield Clinic Research Foundation.

Mr. Krause, the founder of Krause Publishing and longtime friend of Mr. Melvin Laird, gave this gift in honor of Mr. Laird's 90th birthday.

"We are grateful for this gift from Chet Krause," stated Teri Wilczek, Marshfield Clinic Chief Development Officer. "He was excited to continue his long history of support of important research initiatives at Marshfield Clinic."

## Washington Post Highlights NFMC Participation in Research Study- September 5, 2012

Researchers who hope to prevent children from dying in tractor accidents are turning to a state-of-the-art driving simulator to help determine when kids can safely operate farm equipment. Teens are a least four times more likely to die on a farm than in any other workplace. The U.S. Department of Labor tried to address the problem earlier this year with rules that would have limited their ability to operate farm equipment. But the Obama administration dropped the proposal after farm families and groups denounced it as overreaching and an attack on their way of life.

With regulation off the table, scientists at University of Iowa and the Marshfield Clinic in Wisconsin are trying to attack the problem from a different angle. They're looking at how children of different ages process information and make decisions while driving tractors in a first-of-its kind study of cognitive development skills.

The research results eventually could be used to revise voluntary guidelines for parents and employers about when teenagers are ready to perform a variety of farm tasks, from mowing along a fence line to using a manure spreader, researchers said.

Barbara Marlenga, a researcher with Marshfield Clinic's National Farm Medicine Center, said farmers what to hang onto longstanding traditions, such as allowing children to hop on tractors at a very young age. But she said the number of deaths and injuries shows children are being exposed to situations that aren't safe, and the National Advanced Driving Simulator is the perfect place to study them without risk...

To read the full article, visit the Washington Post website at:

[http://www.washingtonpost.com/business/researchers-hope-iowa-study-helps-reduce-deaths-injuries-among-children-who-drive-tractors/2012/09/05/797e2242-f728-11e1-a93b-7185e3f88849\\_story.html](http://www.washingtonpost.com/business/researchers-hope-iowa-study-helps-reduce-deaths-injuries-among-children-who-drive-tractors/2012/09/05/797e2242-f728-11e1-a93b-7185e3f88849_story.html)

## NMFC Trains Hispanic Dairy Workers

The National Farm Medicine Center provided safety training as part of two special Hispanic dairy employee programs conducted by Professional Dairy Producers of Wisconsin (PDPW) during the month of August.

Francisco Guerrero Silva, the Farm Center's community outreach specialist, showed workers how to avoid injury in compliance with Occupational Safety and Health Administration standards. He presented at the Dairy Cow Obstetrics program on Aug. 15 at Central Sands Dairy, Nekoosa, and on Aug. 16 at Rosendale Dairy, Pickett. Guerrero was on the agenda for the Milker Training program Aug. 22 at Blue Star Dairy, Arlington, and Aug. 23 at Fetzer Farms, Elmwood.

The programs were delivered exclusively in Spanish. An estimated 40 percent to 60 percent of Wisconsin's dairy workforce is Hispanic.



Francisco Guerrero Silva

[http://mclweb.mfldclin.org/mcrf/?page=mcrf\\_updates](http://mclweb.mfldclin.org/mcrf/?page=mcrf_updates)

“The all-important dairy workforce is changing,” said Dr. Matthew Keifer, director of the National Farm Medicine Center, a program of Marshfield Clinic Research Foundation. “Guerrero brings an essential cultural and linguistic skill set to the Farm Center and will help NFMC keep pace of the changing demographics.”

Guerrero addressed safe animal handling, electrical safety, personal protective equipment, chemicals and heat stress/cold. Veterinarian Oscar Duarte trained workers in the tasks of cow birthing and milking.

Guerrero joined the National Farm Medicine Center in February. He trained as an agricultural engineer in his native Chile and worked in that country’s wine industry for six years. Immediately prior to joining the Farm Center, he worked for Marshfield Clinic Dental Centers as a regional center assistant.

He’s part of the Farm Center’s new Agricultural Safety Consulting initiative, which specializes in safety program development, implementation and management.

### **In Addition:**

- **MCRF Interim Deputy Director Receives Healthcare Research Compliance Certification:** Lori Weigel, Interim Deputy Director and Center Administrator for BIRC recently passed the Healthcare Research Compliance exam offered through the Health Care Compliance Association. This exam covers a wide range of research compliance issues including such topics as research billing, scientific misconduct, conflict of interest, human subject protection, animal protections, privacy and security, FDA-regulated research, grants management, auditing and monitoring, and even corporate compliance.
- **Post-Doctoral Fellow for CHG Presents at International Meeting:** Center for Human Genetics researcher, Daniel Vasco, PhD, presented at the 2012 Critical Assessment of Massive Data Analysis (CAMDA) satellite meeting held in conjunction with the on-going ISMB meeting Intelligent Systems for Molecular Biology (ISMB) this summer. In his talk (co-authored with colleagues Zhan Ye, Mamoru Kato, Deukhwan Lee, Steve Schrodi and Simon Lin) he discussed problems associated with the analysis of whole genome data within the context of performing a computational population genetics analysis on a sample of Korean individuals made available to CAMDA from the Korean Personal Genome Project. Later analysis of this data will be presented as a poster at the annual American Society for Human Genetics meeting this November in San Francisco.
- The August 30 MCRF Full Foundation Meeting is available for viewing on MediaSite: <http://mediasite01a.mfldclin.edu/mediasite/SilverlightPlayer/Default.aspx?peid=2176001b11b240be84d53078cafb27fb1d>.
- The next MCRF Full Foundation meeting is Thursday, October 4 at 10:00am in the Froehlke Auditorium. As a reminder, Dr. Leer & Lori Weigel will use these meetings as an opportunity to address questions or concerns presented by Staff and Scientists. Please email or route your questions to Jeanette Normington (1R3/ Normington.Jeanette@mcrf.mfldclin.edu). As in the past, all questions will remain confidential.
- *Research Matters* is always accepting announcements. Your contributions are truly appreciated.

Contributors to this issue: Ed Belongia, Scott Heiberger, Sally Lang, Jeanette Normington, Pete Schmeling, Dixie Schroeder, & Marlene Stueland.

Edited by: Bobbi Bradley, MPH, [bradley.bobbi@mcrf.mfldclin.edu](mailto:bradley.bobbi@mcrf.mfldclin.edu), ext. 1-8939

### 2012 Auction of Champions is a Success

The Auction of Champions, held September 20 at RiverEdge Golf Course, raised more than \$247,000 - a record - to benefit the work of the National Farm Medicine Center (NFMC), including funds to support NFMC's new tractor rollover protection program.

A rollover protective structure refers to operator compartment structures - usually cabs or roll bars - intended to protect farmers from rollover injuries. Tractor rollovers are the leading cause of death on farms. More than half the tractors in Wisconsin do not have rollover protection.

A three-minute video explaining the need for a tractor rollover protection program (produced by Media Services) can be viewed on the Farm Center's home page.

<http://www.marshfieldclinic.org/nfmc/>

Since the first auction in 1982, the annual gala organized by the Development Department has raised nearly \$2.8 million for the National Farm Medicine Center.



NFMC Team Attending and Volunteering at the Event

### CM&R Website Highlights August Issue and Rapid Release Publications

*Clinical Medicine & Research* has recently released new articles accepted for publication in the Rapid Release section of its website. The articles in this section have been peer reviewed and accepted for publication, but have not yet appeared in a printed version of the journal. Articles by Marshfield Clinic-affiliated authors include an original research evaluation of the expression of the renin-angiotensin system in a human placental cell line (Nan Pan, Wayne Frome, Richard Dart MD, Duane Tewksbury PhD, and Jiangming Luo MD PhD), and presentation of a case of histiocytic sarcoma in the brain 16 years after treatment for acute lymphoblastic leukemia (Sreelatha Chalasani MD, Mark Hennick MD, William Hocking MD, Gene Shaw MD, Benjamin Lawler, MD). Also available are articles about treatment of rectal adenocarcinoma (University of Florida College of Medicine), and acute retinal necrosis due to varicella zoster virus in an immunosuppressed patient (Northwestern University Feinberg School of Medicine). To read these articles, visit <http://www.clinmedres.org> and click the "View RAPID RELEASE Articles".



While visiting the Clinical Medicine & Research web site, also check out the August 2012 issue which contains the proceedings and abstracts from the HMO Research Network annual conference held in the spring of 2012, as well as more original articles and case reports. Contributions from Marshfield Clinic-affiliated authors included in the August issue describe historical screening and treatment options for prostate cancer (Deanna Cross PhD, and Douglas Reding MD), an evaluation of a mitochondrial DNA mutation in Dupuytren disease (Eric Anderson DO, Jim Burmester PhD, and Michael Caldwell, MD, PhD), and presentation of a case of non-cardiogenic pulmonary edema complicating electroconvulsive therapy (Janaki Manne MD, Yusuf Kasirye MD, Narendranath Epperla MD, and Romel Garcia-Montilla MD PhD MSc). Also presented are articles about automatic diabetes case detection and protocol compliance (Centers for Disease Control and Prevention), hypoglossal nerve palsy due to vertebral

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artery dissection (Quincy Medical Center, MA), and hemoptysis due to breath-hold diving following chemotherapy and lung irradiation (Stanford University School of Medicine). Click the “Current Issue: August 2012” link on the journal’s home page to access these articles.

### **Center for Human Genetics Welcomes New Research Specialist**

Sarah O’Brien joined the Center for Human Genetics September 24, 2012 as a Research Specialist. She will manage and support multiple studies for the CHG. Sarah comes to us from Johns Hopkins University’s Center for American Indian Health (CAIH) in Baltimore where she coordinated a pneumococcal vaccine (PCV13) study with the Navajo and White Mountain Apache tribes in the Southwest, and provided lab expertise across the CAIH. Sarah grew up in Iowa City, Iowa and then earned her BA in microbiology at Miami University of Oxford, Ohio (’98) and her MPH (’08) in epidemiology at the University of Minnesota with a concentration in global health and a minor in human rights. Following her graduate studies Sarah lived in Cairo, Egypt for two years where she worked on public health projects with NAMRU-3, the CDC, and other health organizations. Sarah is committed to strengthening public health for underserved populations and strives to contribute to global health research and understanding.

### **BIRC Guest to Present on the Triple Aim: Better Care, Better Health, Better Cost**

Organized by Dr. Amit Acharya, Dental Informatics Scientist, all are invited to attend an upcoming Dental Informatics Seminar/CDE Activity on Wednesday, November 14, 12:00pm – 1:00pm in the Froehke Auditorium.



Elsbeth Kalenderian, DDS, MPH

Elsbeth Kalenderian, DDS, MPH; Associate Professor; Chair, Oral Health Policy and Epidemiology; and Chief of Quality at Harvard School of Dental Medicine will present “One step towards the Triple Aim: The importance of a Dental Diagnostic Terminology”.

Organizations led by visionaries who believe in team work and partnership, and are aligned with the idea of integrating health care with public health and social services will be able to reach the goals of IHI’s Triple Aim: Better Care, Better Health and Lower Cost. Dr. Kalenderian will discuss how medical organizations can and should partner with the dental profession, and how the dental profession needs to prepare for this collaboration in order to reach this new paradigm shift.

This presentation will be available for viewing at your convenience on Marshfield Clinic’s Mediasite: <http://mediasite01a.mfldclin.edu/mediasite/SilverlightPlayer/Default.aspx?peid=23d9947db3914bfe958af547759678231d>.

For additional information, please contact Dixie Schroeder, Dental Informatics Research Program Coordinator, at [schroeder.dixie@mcrf.mfldclin.edu](mailto:schroeder.dixie@mcrf.mfldclin.edu) or 715-2211-7266.

### **Breast Cancer Awareness Events Benefit MCRF**

October is Breast Cancer Awareness Month. Companies small and large, ranging from gas stations to coffee shops, are selling pink ribbons throughout October to support breast research and patient care at Marshfield Clinic.

At participating businesses, customers who donate \$1 receive a ribbon. They then write their names or the name of a loved one on the ribbon, which is displayed in the business.

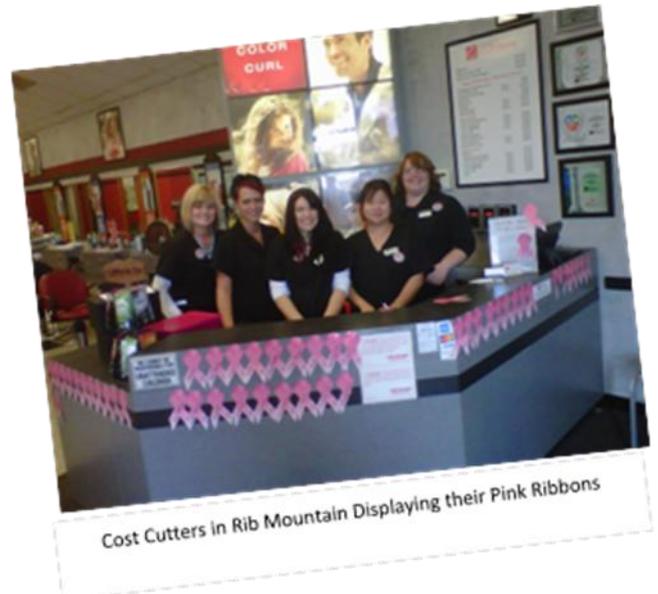
“Almost all of us know someone, whether it’s a family member or friend, who has been diagnosed with breast cancer,” said Teri Wilczek, Marshfield Clinic Chief Development Officer. “These pink ribbons give

[http://mclweb.mfldclin.org/mcrf/?page=mcrf\\_updates](http://mclweb.mfldclin.org/mcrf/?page=mcrf_updates)

community members an opportunity to offer a small donation that will make a big difference in the lives of our neighbors.”

Businesses participating in the Pink Ribbon Promotion include:

- Associated Bank – 25 locations
- Barbers Family Hair – Wausau, Stevens Point, Rhinelander and Menominee
- Campus Pub -- Wausau
- Cattails Coffee – Marshfield
- Cenex – 80 locations
- Chips Hamburgers – Marshfield, Wisconsin Rapids
- Cost Cutters – 16 locations
- Eagle River Country Club – Eagle River
- Forward Financial Bank – Marshfield
- Globe University – Wausau
- High Street Salon, Spa and Travel – Marshfield
- Lindsey Bar & Grill – Town of Lindsey
- Marathon Feed – Marathon and Wausau
- Marshfield Area Chamber of Commerce and Industry – Marshfield
- Mattress Firm – four locations in central Wisconsin
- Merle Norman Cosmetics & Day Spa Boutique – Marshfield
- Pro-Cuts – Wausau
- Rose Bowl Lanes – Marshfield
- Slumberland Furniture – Marshfield
- Taco John’s – Wisconsin Rapids
- The Baltus Company – Marshfield, Wisconsin Rapids and Stratford
- The Daily Grind – Marshfield
- The Tea Shop – Wausau, Wisconsin Rapids and Marshfield
- Verlo Mattress Factory Stores of Wausau
- Weber’s Farm Store – Marshfield
- Weiler Convenience Stores – Marshfield



Cost Cutters in Rib Mountain Displaying their Pink Ribbons

Businesses will display Pink Ribbon Promotion fliers in their stores to let customers know the ribbons are available.

It’s not too late for businesses to get involved. Any business owners interested in the Pink Ribbon Promotion can contact Tiffany Halan, Marshfield Clinic Development Department, 715-387-9189 or [Halan.tiffany@marshfieldclinic.org](mailto:Halan.tiffany@marshfieldclinic.org).

Picture caption: Cost Cutters in Rib Mountain Displaying their Pink Ribbons

### MCRF Centers & Offices Support United Way Efforts

Each year, MCRF Centers and Offices are encouraged to find fun and entertaining ways to raise money for the United Way. Here are a few highlights from this year!

**BIRC:** This year’s BIRC Chili Cook-off was a huge success. Their teams pulled together to produce great tasting chili. They exceeded their fundraising goal and also had a repeat winner, with the Research Analytics and Data Management team defending their trophy.



BIRC gathers for the United Way Chili Cook-Off

[http://mclweb.mfldclin.org/mcrf/?page=mcrf\\_updates](http://mclweb.mfldclin.org/mcrf/?page=mcrf_updates)

**CHG & Core Lab:** United Way was supported this year through jeans days and participation in MCRF Center/Office and Marshfield Clinic fundraising events. CHG and Core Lab also teamed up to advocate for and bring back MCRF's top fundraising event this year- the Soup Sale scheduled for November.

**MERC:** Through a combination of several events including a chili cook off, jeans days, bake sales, penny wars, and games, MERC surpassed their fundraising goal. The most successful events included a Sweet Bar and baked good raffles - MERC likes their sweets! The "Winners" of the penny wars include Deanna Cole, Maria Sundaram, and Dr. David McClure. Their "prize" is to grace MCRF with their Village People attire on October 26th! **OSWP** and Sherry Salzman with **CM&R** also graciously participated in MERC organized events.

**MCRF Admin, Sponsored Programs/Fiscal Affairs & ORIP:** Each year MCRF Admin & ORIP team up to raise money for United Way. This year they are on track to a sizable donation through a popcorn sale, jeans days, and nacho day.

**NFMC:** United Way was supported this year through jeans days and participation in MCRF Center/Office and Marshfield Clinic fundraising events. NFMC is excited to assist the full foundation with the Soup Sale coming this November.

**OSWP:** A word puzzle contest organized by captain, Marie Fleisner raised funds for United Way this year. Participants completed word games at \$1 per puzzle to be eligible for a prize drawing. OSWP also participated in MERC activities and supported activities in other Centers including jeans days.

**Soup Sale:** All Centers and Offices are teaming up to host a United Way Soup Sale on November 13th. In years past this event has raised over \$1,000. **CRC** staff and scientists have already committed to making 20 soups! Event details will be forthcoming, see your United Way Captain to volunteer your talents.

#### **In Addition:**

- The next MCRF Full Foundation meeting is tomorrow, Thursday, October 11 at 10:00am in the Froehlke Auditorium.
- *Research Matters* is always accepting announcements. Your contributions are truly appreciated.

Contributors to this issue: Ingrid Glurich, Sally Lang, Jeanette Normington, Sherry Salzman, Pete Schmeling, Dixie Schroeder, and Lori Weigel.

Edited by: Bobbi Bradley, MPH, [bradley.bobbi@mcrf.mfldclin.edu](mailto:bradley.bobbi@mcrf.mfldclin.edu), ext. 1-8939

## News from the Office of Research Integrity & Protections

### Clinical Trials Registration & Reporting

#### *ClinicalTrials.gov*

The Food and Drug Administration (FDA) requires that most clinical trials involving drugs, biologics or devices be registered at [clinicaltrials.gov](http://clinicaltrials.gov) within 21 days of the first subject's enrollment. FDA also requires follow up reporting at least every twelve months and submission of summary results no later than one year after the study's primary completion date. Specific requirements and responsibilities of investigators and others are outlined in Marshfield Clinic policy Clinical Trials Registration and Reporting. Several questions have been added to the IRB application to help identify responsible parties for applicable clinical trials, and the Office of Research Integrity & Protections will take the lead in notifying investigators and Center Administrators of trials that need to be registered by Marshfield Clinic investigators. Marshfield Clinic investigators are more likely to be the Responsible Party for registration and reporting on: (1) NIH trials when MCRF is the prime recipient of the award; (2) local investigator-initiated trials; and (3) trials in which a Marshfield Clinic investigator holds or is the sponsor of an IND/IDE used within the trial. Investigators should also review agreements with sponsors to determine if they have been delegated responsibility for registration and reporting. Center Administrators and Office Directors worked together to develop the policy and are familiar with the requirements. Please feel free to direct questions to any of these individuals.

### IRB Application for Bio-Banks and Databases Updated

The IRB application for bio-banks and databases has been split into two separate applications (i.e., IRB Application-Bio-Bank and IRB Application-Database). Questions have been added to these applications which has eliminated the need for a protocol. The application forms can be found in the policy library or on ORIP's website and should be used for any submission on or after November 1, 2012.

### Farm Center Adds to Staff

The National Farm Medicine Center welcomes Dennis Ray and Amanda Draxler. Both report to NFMC Director Matthew Keifer, MD, MPH, and work on programs that include Agricultural Safety Consulting and the Upper Midwest Agricultural Safety and Health (UMASH) Center.

Ray is the new occupational safety specialist/business development manager. He has 12 years' experience as a safety professional, most recently Church Mutual Insurance Company. He inspected churches and church-related facilities for safety hazards and made recommendations for improvement. He created an on-line workplace safety program and a return-to-work program for policyholders to implement in their facilities.



Dennis Ray

Ray's past employers include Colden Corporation where he worked as an industrial hygienist. His duties included comprehensive chemical assessments, noise monitoring, and sampling hydrogen sulfide levels in confined spaces. Clients included New York Power Authority, Lockheed Martin, and Corning Glass Research and Development. Previous to that, he worked for 16 years at Dunlop Tire and Rubber as a union safety representative. Ray holds a bachelor's degree in industrial hygiene and an associate's

degree in occupational safety from SUNY Empire State College. Additionally, he has an Associate in Risk Management (ARM) designation from the American Institute for Chartered Property Casualty Underwriters.

Draxler is the Farm Center's new administrative secretary. She has a bachelor's degree in psychology from the University of Wisconsin, Eau Claire, with an emphasis in behavior analysis. She minored in Spanish, an asset to the Farm Center as it works increasingly with Wisconsin's Spanish-speaking dairy labor force. Draxler has worked in administrative support positions for nearly six years. She said her interest in research led her to apply for the job. Draxler conducted and participated in research projects relating to psychology during college. She also has worked in chemistry research relating to nanowire technology.



Amanda Draxler

### Study in the Media: Aspirin Often Misused



Dr. Jeffrey VanWormer, an epidemiologist with the MCRF Epidemiology Research Center, reviewed data from 831 Wisconsin aspirin users in the 2011 Survey of the Health of Wisconsin and found that many people misuse aspirin. Van Wormer's study was published in *The Journal of Family Practice* in September 2012 and was recently highlighted by the following media outlets:

Wisconsin Public Radio:

<http://news.wpr.org/post/study-aspirin-therapy-not-always-done-appropriately>

Marshfield News Herald:

<http://www.marshfieldnewsheald.com/article/20121101/MNH01/311010171/Study-Aspirin-often-misused>

Stevens Point Journal:

<http://www.stevenspointjournal.com/article/20121106/SPJ0101/311060246/Study-Aspirin-often-misused>

### In Addition:

- The next MCRF Full Foundation meeting is Thursday, December 6<sup>th</sup>, 10:00am in the Froehle Auditorium.
- *Research Matters* is always accepting announcements. Your contributions are truly appreciated.

Contributors to this issue: Diane Austin, Scott Heiberger, and Jeanette Normington

Edited by: Bobbi Bradley, MPH, [bradley.bobbi@mcrf.mfldclin.edu](mailto:bradley.bobbi@mcrf.mfldclin.edu), ext. 9-3658

### Investigator Responsibilities for Conflict of Interest Disclosure Throughout the Year

MCRF investigators will likely recall that our [Investigator Conflicts of Interest in Research policy](#) was implemented in late August to comply with the Department of Health and Human Services Final Rule changes to regulation entitled, *Responsibility of Applicants for Promoting Objectivity in Research for which Public Health Service Funding is Sought and Responsible Prospective Contractors* (42CFR Part 50 and 45CFR Part 94).

While the purpose of the regulation and the requirement to make annual disclosures is easy to recall, the final rule changes that impact investigators are more challenging to remember. Key among these are disclosure of interests based on institutional responsibilities (not the research), lower disclosure thresholds, and the need for a 'transactional' disclosure prior to a new PHS grant submission and within 30 days of acquiring a new interest.

The seven categories of interests (financial and associational) now requiring disclosure are:

1. Remuneration: Salary & payments made directly to investigator for services not considered to be salary (e.g., consulting fees, paid authorship, etc.).
  - Threshold of \$5K aggregated from 1 entity over 12 months
  - From entities other than MC
2. Equity: non-publicly traded company (any ownership, even with \$0 value)
3. Equity: publicly traded company
  - Threshold of \$5K in aggregate (stock + payment)
  - Exclusion: income from investment vehicles (e.g., mutual funds, retirement accounts, 401K, as long as investigator does not control the investment decisions)
4. Investigator-owned Intellectual Property (\$0 threshold; no exclusions)
5. Royalties from MC owned intellectual property: reviewed at least annually
6. Reimbursed or Sponsored Travel: (\$0 threshold)
  - Travel (lodging, airfare, etc.) reimbursed directly to investigator from an entity other than MC.
  - OR –
  - Travel paid on behalf of the investigator so the exact monetary value is not known.
7. Associational Interests: formal or informal relationship or involvement w/a sponsor of the investigator's research (e.g., positions on advisory boards, boards of directors, etc.)



In general, interests are exempt from disclosure if provided by a Federal, state, or local government agency, an institution of higher education as defined at 20 U.S.C. 1001(a), an academic teaching hospital, a medical center, or a research institute that is affiliated with an institution of higher education. See policy link above for more details on definitions, interests, disclosure and requirements.

➤ Access the disclosure form via the COI desktop icon or this link: [COI Disclosure Application](#).

If you need assistance on guidance for disclosures required for PHS grant applications, please contact Deb Hansen (ext 7-9130) or Bonnie Ohlsson (ext 7-9192).

If you have other questions or concerns, please contact Kathy Leick (ext #1-8840) in the Office of Research Integrity and Protections, or e-mail at [conflict.interest@marshfieldclinic.org](mailto:conflict.interest@marshfieldclinic.org).

## Donated Funds Available for Research

Through the successful efforts of Marshfield Clinic Development staff, MCRF continues to be the beneficiary of donations from grateful patients to be used for conducting disease specific research.

Through MCRF's Internal Funding policy: [http://srdweb1/clinic/policies/policy\\_details.asp?RecID=253](http://srdweb1/clinic/policies/policy_details.asp?RecID=253) employees of MC can apply for access to these monies by submitting a research proposal to the Research Committee for scientific merit review. The "Research Committee Application – Projects Requesting Funds" is located at:

[http://srdweb1/clinic/policies/form\\_results.asp?FL=Yes&L=R&typeEntity=clinic](http://srdweb1/clinic/policies/form_results.asp?FL=Yes&L=R&typeEntity=clinic). Please note that the level of funding available per project has been increased to \$50,000.

Applications may be submitted any time prior to the start of each quarterly cycle, with new cycle dates beginning on the 16th of March, June, September and December. Applications are reviewed in the order they are received during the cycle, so it can be advantageous to submit proposals earlier in the cycle than later.

A listing of disease specific funds available can be found on the Research Mentor intranet landing page, with a link titled "Donated Funds Available for Research": <http://mclweb/mcrf/?page=researchmentor>. Questions regarding this funding mechanism can be directed to Deb Hansen (ext # 7-9130).

## ICTR Funding Opportunities

The Institute for Clinical and Translational Research (ICTR) offers annual funding to clinical and translational researchers at UW and Marshfield Clinic. The table below details the ICTR Award Programs for 2013. Individual RFAs and applications are available for each category at <https://ictr.wisc.edu/FundingOpportunities>.

RFA Award Program	Maximum \$ / Time	Letter of Intent	Application Due
<a href="#">Clinical and Type 1 Research Pilot Awards Program</a> (Release: December 1, 2012)	\$50,000/ 12 Months	2/1/2013	3/15/2013
<a href="#">Type 2 Translational Research Pilot Awards Program</a> Program (Release Date: December 1, 2012)	\$75,000/ 12 Months	1/14/2013	4/1/2013
<a href="#">Wisconsin-Minnesota CTSA Collaborative Health Equity Award</a> (Release Date: November 3, 2012)	\$150,000/ 18-24 Months	12/17/2012	2/15/2013
<a href="#">Novel Methods Research Pilot Awards Program</a> (Release Date: November 12, 2012)	\$50,000/ 12 Months	12/15/2012	2/1/2013
<a href="#">Dissemination &amp; Implementation Research Pilot Awards Program</a> (Release Date: December 1, 2012)	\$150,000/ 18-24 Months	1/14/2013	4/1/2013
<a href="#">Patient Centered Outcomes Research Pilot Awards Program</a> (Release Date: December 1, 2012)	\$100,000/ 12 Months	1/14/2013	4/1/2013

## CM&R Website Highlights November Issue



*Clinical Medicine & Research* completed the 2012 publication year with the release of its November issue. Volume 10, issue 4 features articles by several MCRF researchers and Marshfield Clinic physicians. Ed Belongia, Mary Vandermause, and Stephanie Irving (now with Abt Associates, Atlanta) present a comparison of swab methods for identification of influenza virus in adult patients; Po-Huang Chyou presents a simple, yet robust method of evaluating meta-analysis results; Clinic physicians Kasirye, Epperla, Manne, Bapani and Garcia-Montilla present an interesting case of brain abscesses complicating acute pneumococcal meningitis; and Clinic surgeons Hayes and Saha present a recurrent case of gallstone ileus and review the disease's pathogenesis, presentation, diagnosis and management. Additional articles describing a study of treatment methods for rectal adenocarcinoma (University of Florida, Dept of Medicine); and a visual case of acute retinal necrosis secondary to varicella

zoster virus in an immunosuppressed patient (Northwestern University, Dept of Ophthalmology) are also presented. To read these articles, visit the journal's web site ([www.clinmedres.org](http://www.clinmedres.org)) to view the issue online, or contact the Editorial Office ([clinmedres@mcrf.mfldclin.edu](mailto:clinmedres@mcrf.mfldclin.edu)) to receive a complimentary print copy. If you would like to receive email notification of future issues and articles published online ahead of print, visit the journal's web site, click on the "Sign up for Email Alerts" link in the center of the homepage and enter the requested information.

## Research Project Coordinator Joins MCRF Admin

Alexis Tavano, MPH, joined MCRF on December 3, 2012 as the Research Project Coordinator. Alexis has over 20 years of research experience with the pharmaceutical company Wyeth Research (now part of Pfizer, Inc.). Tavano will be working closely with the project teams on both the Clinical & Translational Science Award (CTSA/ICTR) and Wisconsin Network for Health Research (WiNHR) programs, as well as the Wisconsin Genomics Initiative (WGI) project. She will also be taking over Bobbi Bradley's role as co-editor of Research Matters. Tavano joins us from Plattsburgh, NY, and is used to long, cold winters. She is looking forward to exploring the area, and learning about all there is to do in Wisconsin.

## AMIA 2012 Annual Symposium

Several posters were presented by BIRC staff members during the AMIA 2012 Annual Symposium. Kelsey Schultz, M.S. presented "Marshfield Enhanced Charting and Code Acquisition (MECCA) Terminology for Dental Procedures." The objective of this project was to create a provider-friendly terminology for documenting dental procedures most often carried out by dentists at Marshfield Clinic. Amit Acharya, PhD also contributed to the presentation.

Jimmy Kayastha (Post-Doctoral Fellow, Dental Informatics) presented "Using Clinical Phenotypes for Generating Dental Patient Personas," which was nominated for the "Distinguished Poster Award" out of the 358 posters presented. The objective of this project was to create dental patient personas from the existing clinical data within the data warehouse to accurately reflect detailed archetypical characters that represent distinct patient demographic characteristics within the Marshfield Clinic System. Other contributors to the presentation include Jay Fuehrer, Robert Moritz, Aaron Miller, PhD, and Amit Acharya, PhD.

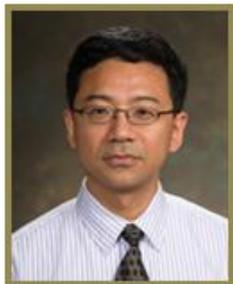


Andrea Mahnke presented "iPads vs. Pen-based Portable PCs: Eye Tracking Evaluation of Universal EHR Interface Design." The objective of this proof of concept study was to compare the information-finding behaviors of medical providers when using a pen-based portable PC versus an iPad across two different user interface designs. Another aim was to evaluate the eye tracking glasses technology to

[http://mclweb.mfldclin.org/mcrf/?page=mcrf\\_updates](http://mclweb.mfldclin.org/mcrf/?page=mcrf_updates)

determine if it was accurate enough to use for future EHR usability evaluations. Other contributors to the presentation include Natalie Yoder, Robert Moritz, and Simon Lin, MD.

### 2012 CTSA Annual Informatics Meeting



During the 2012 CTSA Annual Informatics Meeting held November 7-8, 2012 at Northwestern University, Simon Lin, MD presented a poster on “Translational Informatics Research: Pharmacogenetics to Clinical Practice.” This translational project is designed to test the concept that sequence information from a patient can be coupled to electronic medical records for use in personalized medicine. One in three of the 411,851 Marshfield Clinic patients in 2011 could benefit from a pharmacogenomic test. Implementing pharmacogenetics tests of three drugs (Warfarin, Clopidogrel, and Tamoxifen) at Marshfield Clinic could prevent potential adverse events that annually cost \$11.3 million in patient care costs. Other contributors to the presentation include Zhiyi Zhou, Aaron Miller, PhD, and Murray Brilliant, PhD.

### Brining a Better Life to So Many

When Mitch Graves passed away in 2003, he left behind a loving family who still wonders “what might have been.” Through their gifts in honor of their son, Jane and Fritz Graves help MCRF advance medical research and find a cure for life-threatening diseases. Almost ten years after Mitch’s passing, his family continues to keep his memory alive. Their words, actions, and financial support are all important parts of the grieving process and speak to the significant work being done every day at MCRF. Attached is a letter the Development Department recently received from Mitch’s parents and it is addressed to all of you. Please take a moment to read their letter and hear how meaningful your work is to them.

### In Addition:

- The annual Foundation Holiday Gathering will take place on Wednesday, December, 2:00 until 3:30. This gathering is being funded by Foundation Leadership in recognition of all your hard work throughout the year. We are very fortunate to again have the Marshfield Senior High Madrigal Singers perform for your entertainment at 2:30. Please take some time out of your busy schedules to socialize with fellow employees.
- Million Hearts Risk Check Challenge announced an iPhone app developed by Biomedical Informatics Research Center has been selected as a finalist in a national competition. For more information, view the December 6 addition of Pulse: <http://srdweb1.srd.local/epulse/>.
- Clinical Research Center Oncology Program Assistant Manager, Lyn Stephani, will retire January 4, 2013. Stephani has worked for Marshfield Clinic for 30 years, 19 of which have been in clinical research.
- Clinical Research Center welcomes the addition of Melissa Slager as the Multispecialty Assistant Manager. Slager’s assistance will allow CRC to continue their commitment to support clinician investigators and scientists at the Marshfield campus and regional centers.
- Office of Scientific Writing & Publications partnered with National Farm Medicine Center and Epidemiology Research Center to host *Dazzle & Decorate* on November 30. This successful United Way fundraiser raised over \$500 and was a great way to de-clutter and recycle gently used items to new homes.
- *Research Matters* is always accepting announcements. Your contributions are truly appreciated.

Contributors to this issue: Brian Acker, Jane Carl, Deb Hansen, Jolene Knetter Kathy Leick, Anne Nikolai, Jeanette Normington, Sherry Salzman, and Pete Schmeling.

Edited by: Bobbi Bradley, MPH, [bradley.bobbi@mcrf.mfldclin.edu](mailto:bradley.bobbi@mcrf.mfldclin.edu), ext. 9-3658 and Alexis Tavano, [tavano.alexis@mcrf.mfldclin.edu](mailto:tavano.alexis@mcrf.mfldclin.edu), ext. 1-8939.