

MCRF Updates

July 5, 2011

MCRF Updates is an internal bi-weekly newsletter published by Marshfield Clinic Research Foundation.

Marshfield Clinic Research Foundation Launches Internal Electronic Newsletter

Marshfield Clinic Research Foundation would like to announce its new internal electronic newsletter. This bi-weekly publication is designed to provide relevant and timely information on research projects and programs, awards, grants, publications, as well other important institutional updates such as new staff, academic promotions, etc.

We are excited to highlight the level of commitment that MCRF investigators and staff have to the development of novel discoveries and putting research into practice. The overall goal of this newsletter is be informative, educational and enjoyable.

We would welcome your topic ideas and announcements to include in future newsletters. There is always room for improvement, if you have suggestions or comments please feel free to email Bobbi Bradley, MPH at 715.221.8939 or bobbi.bradley@mcrf.mfldclin.edu.

Development Officer Joins Marshfield Clinic to assist in Research Philanthropy

MCRF is pleased to announce Pete Schmeling will be the newest staff member in the Marshfield Clinic Development Department. Pete will be serving as the Development Officer for Research. Pete is coming from St. Mary's Foundation in Madison where he has worked in Major, Planned and Annual Giving roles. Pete's healthcare fundraising experience and great personality will be an asset to the Clinic, MCRF, and our philanthropic efforts.

Pete's tentative start date is July 18. Pete and his wife Kathy look forward to their move to Marshfield and becoming involved in the Clinic and community. When you see Pete, please welcome him to Marshfield Clinic.

In Addition:

- As of June 2011, Murray Brilliant, PhD, assumed the role of Director of the Personalized Medicine Research Project. Story featured in the [July 2011 PMRP Newsletter](#).
- The National Farm Medicine Center will offer screenings, exhibits and presentations at Wisconsin Farm Technology Days, July 12 – 15, at Seehafer Acres. Story featured in the [Summer 2011 Cultivate Newsletter](#).
- Please welcome Bob Moritz to MCRF as BIRC's [Interactive Clinic Design Institute \(ICDI\)](#) Manager.
- Congratulations to Tom Drendel, M.S., NFMC Agricultural Safety Specialist, for being named 2011 "Friend of Agriculture" by Marshfield Area Chamber of Commerce and Industry (MACCI).

MCRF Updates

July 21, 2011

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MCRF National Farm Medicine Center Featured at WI Farm Technology Days

The National Farm Medicine Center and the National Children's Center for Rural and Agricultural Health and Safety were well-represented at Wisconsin Farm Technology Days, which drew an estimated 80,000-plus attendees to Seehafer Acres.

The Farm Center sponsored approximately 500 free skin cancer screenings in conjunction with physicians from the Marshfield Clinic Dermatology Department; the National Children's Center was part of the Family Farm Adventure area, setting up an Interactive Safe Play Area to educate visitors on how to build their own play areas at home; and an NFMC booth disseminated safety resources and general information about the center.

NFMC scientists and staff, including Medical Director Emeritus Dean Emanuel, M.D., did interviews with media representing Wisconsin Public Radio, WSAU-AM/FM, WDLB-AM, The Country Today, the Marshfield News-Herald and others. In addition, Marshfield Community TV (www.marshfieldtv.com) will soon broadcast Agricultural Safety Specialist Tom Drendel's presentation given on the main stage of the Family Living Tent. A few photos of NFMC presence at Farm Technology Days can be seen at www.facebook.com/nfmc.

Marshfield Clinic Research Foundation Participates in National Biotechnology Convention

Marshfield Clinic participated in the *Wisconsin Pavilion* at the 2011 BIO International Convention, the global event for biotechnology, in Washington, D.C. June 27th - 30th. Hosted by the [Biotechnology Industry Organization \(BIO\)](http://www.bio.org), the event drew 15,626 industry leaders from 48 states and 65 countries.

The Marshfield delegation included representatives from the Clinic, Applied Sciences and Research Foundation. "This is a tremendous opportunity to highlight the resources and expertise Marshfield Clinic has to offer to a global audience as well gain knowledge on new discoveries and trends in the industry," said Marsha Barwick, Assistant Director of Applied Sciences. "Each year we establish new relationships with collaborators and this year has presented more opportunities that we are excited to be pursuing." MCRF representation included Murray Brilliant, PhD, Trish Siegler, MBA, and Steve Schrodi, PhD.

The BIO International Convention is the largest global event for the biotechnology industry, offering networking and partnering opportunities with policymakers, scientists, CEOs and newsmakers, and hundreds of sessions covering biotech trends, policy issues and technological innovations. The Convention also features the BIO Business Forum, a unique platform for biotechnology and pharmaceutical companies, academic research institutions, and investors from around the world to gather and discuss strategic opportunities.



Clinical Research Center Administrator Joins MCRF

Kristin Martinez from Cedar Sinai Medical Center in Los Angeles California has accepted the position as Clinical Research Center Administrator. Kristin was the Research Administrator in the Department of Surgery at Cedar Sinai and was responsible for overseeing the medical and oncology research enterprise within the Department of Surgery involving clinical, basic science and translational medicine research. Kristin's experiences as an Academic Program Administrator at Cedar Sinai, Research Administrator at The Foundation for Psychocultural Research (FPR)-UCLA Center for Culture, Brain, and Development (CBD), Grant Officer, and Compliance Analyst will be an asset to the Center, Foundation and Clinic. She will be involved in developing the Center's strategic goals related to oral system health, practice based research, outpatient clinical research unit, and biotechnology research. Her tentative start date is September 2011.

Book Publication leads to an International, Marshfield Clinic, and MCRF Multi Center Collaboration

BIRC Tenure Track Scientist, Amit Acharya, BDS, MS, PhD was invited by Springer Verlag, UK in an international effort to edit a book volume on 'Integration of Medical and Dental Care and Patient Data'. Dr. Acharya was one among the four Biomedical/Dental Informaticians around the nation who undertook this important task as part of Springer Verlag's Health Informatics Series working with several authors around the globe. "The book represents the story of a simple idea (the mouth is part of the body) and what it means in the context of the complexities in healthcare organization, care delivery, provider education, and care reimbursement, along with recommendations," says Dr. Acharya. "Integration of Medical and Dental Care and Patient Data seeks to optimize the delivery of healthcare by stating why isolated components of healthcare delivery need to work together, by asserting how health information technology (HIT) can help these components collaborate to improve care quality and patient safety, by documenting how existing barriers stand in way of interdisciplinary collaborative practice supported by HIT, and by recommending how to remove such barriers."

Mr. Greg Nycz from Family Health Center of Marshfield; Dr. Joseph Kilsdonk and Ms. Kelly Boggs from Marshfield Clinic Education Division; Dr. Steve Schrodi from Center for Human Genetics; and Dr. Po-Huang Chyou, Ms. Andrea Mahnke and Ms. Natalie Yoder from Biomedical Informatics Research Center contributed as authors to this book making this a multi center collaboration within Marshfield Clinic and MCRF. The book is expected to be published by end of this year. The timing of this book could not been better as it addresses some of the issues mentioned in the recently released Institute of Medicine (IOM) report ['Improving Access to Oral Health Care for Vulnerable and Underserved Populations'](#) on July 13th 2011.

Research Specialist joins Clinical Research Center

Melissa Simpson, PhD, joined MCRF as a Research Specialist from University Of Colorado Health Sciences Center, Aurora CO in April. Melissa's has a DVM and her PhD is in Epidemiology (Thesis: Mucosal Immunity and the Risk for Type 1 Diabetes). The Research Specialist provides technical expertise in research and scientific projects at a comprehensive and independent level, supporting a variety of research topics funded by federal, commercial or private sources. Melissa will be working with other project team members contributing to all aspects of research including evaluation of project design, conceptualization and writing of grant applications, implementation and project coordination involving data collection, analysis, and preparation and presentation of reports of research results. Please greet Melissa and welcome her to the Clinical Research Center and Marshfield Clinic Research Foundation.

In Addition:

- Dr. Steven Yale is this years recipient of the "George E. Magnin MD Teaching Award for Excellence in Medical Education" and "Nikolai Outstanding Research Mentorship for Residents Award"
- In recognition of her work in preventing injuries among children and adolescents in the agricultural sector, Barbara Lee, PhD, will receive an honorary doctorate from the Swedish University of Agricultural Sciences in Uppsala, Sweden. Dr. Lee will give her lecture on October 7, 2011, followed by the conferment ceremony on October 8.
- Julie Graves, Research Billing and Auditing Specialist, office has moved to the Clinical Research Center. This move will better align and integrate all of the resources under the Center. Her temporary office is in 1R5. Please welcome Julie to the Center.
- The first annual Joseph J. Mazza, M.D. Teaching Award for Excellence in Combined Internal Medicine-Pediatric Education: was given to Jonathan Forncrook, D.O.
- Journal of Agromedicine issue 16(3) is now online and available through the Magnin Medical Library http://srdweb1/clinic/dept/coe/medical_library/. In his Editor's Comments, Steve Kirkhorn, MD, MPH, highlights the importance of continued federal funding of agricultural safety and health initiatives. Writes Dr. Kirkhorn: "There is not an adequate safety net for those who are directly involved in producing our nation's food."
- Kathy Mancl, Clinical Research Coordinator Multispecialty was recognized for first patient nationwide randomized in the APOLLO study
- NIH Director, Francis Collins, MD, PhD, comments about newly proposed National Center for Advancing Translational Science (NCATS) in [Science Magazine](#).
- *MCRF Updates* is still accepting Newsletter Name ideas/suggestions. Your feedback is always truly appreciated.

MCRF Updates

August 4, 2011

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Governor Walker Visits MCRF

On July 12th Governor Scott Walker visited Marshfield Clinic to meet with clinic leaders and discuss the State's priorities in health care delivery. An important part of the presentation to Gov. Walker was the role of our research program to the Marshfield Clinic.

To demonstrate Marshfield Clinic Research Foundation's contribution to Marshfield Clinic's mission and vision of cost-effective, evidence-based, quality care, Amit Acharya, BDS, MS, PhD, Dental Informatician and Dixie Schroeder, Research Assistant Manager provided Gov.



Walker with a tour of the Biomedical Informatics Research Center (BIRC). The tour provided the Governor with insight into the cutting edge research and technology being conducted and implemented within the Research Foundation and Marshfield Clinic. Specifically, Gov. Walker was apprised of some of the unique resources available and being produced within MCRF BIRC through a demonstration of the Usability Lab and its eye tracking capabilities; overview of CattailsDental; Integrated Medical-Dental Electronic Health Record environment at Marshfield Clinic; and a viewing of the Data Center. "Governor Walker was genuinely interested and receptive to Biomedical and Dental Informatics research and development work at BIRC and the positive implications it will have on healthcare in the state of Wisconsin", says Dr. Acharya.

In Addition:

- This is your last chance to submit names for the *MCRF Updates* newsletter. To date, over 25 names have been submitted. The top three names will be selected on August 15th and you will have the chance to vote on your favorite during the next issue of *MCRF Updates*, August 18th.
- MCRF continues a 40-plus-year tradition of concluding the Summer Student Intern Program with a Research Symposium on Thursday, August 11, from 8:30am until 12:30pm in Froehlke Auditorium at Marshfield Clinic Marshfield Center. A luncheon follows the presentations. Please see the attachments for schedule of events and description of the presentations.



SSIP 2011 Research 2011 SSIP Invite.doc
Symposium

- The Epidemiology Research Center was recently awarded \$5.4M from CDC to conduct influenza vaccine research over the next five years. The award has two components. Edward Belongia, MD will be the Principal Investigator for annual field studies to

estimate vaccine effectiveness. Laura Coleman, PhD will be the Principal Investigator for studies to assess the immune response to vaccination.

- Katie Moore, Clinical Research Coordinator and Megan Pratt, Clinical Research Coordinator, recently attended the Exact Sciences DeeP -C Study investigator meeting with [Dr. Rall](#) in Chicago. [Exact Sciences](#) is a biotech company working with INNOVIS as a CRO conducting a trial to demonstrate the performance characteristics of an in vitro diagnostic assay test for detection of colorectal neoplasia. This is an exciting new opportunity for CRC to work with Exact Sciences Corporation located in Madison, Wisconsin.
- Epidemiology Research Center Influenza Vaccine presentations for Fall 2011:
 - Three Epidemiology Center scientists recently had abstracts accepted for presentation at the [Infectious Disease Society of America annual meeting](#), which will be held in Boston, MA in October. Edward Belongia, MD, will present “Pilot Study of Elementary School-Located Influenza Vaccination, Absenteeism and Laboratory-Confirmed Influenza”. Laura Coleman, PhD, will present “Effect of Body Mass Index on Serologic Response to Influenza Vaccination in Older Adults”. Stephanie Irving, MHS, will present both “Clinical Features and Outcomes of Medically-Attended Influenza in Community-Dwelling Older Adults” and “Receipt of Trivalent Inactivated Influenza Vaccine is Not Associated with Early Pregnancy Loss”.
 - Stephanie Irving, MHS, will present “Short-term Safety of the 2010-11 Seasonal Influenza Vaccine in Pregnancy and a Comparison with the 2009-10 pH1N1 and Seasonal Influenza Vaccines” at the [5th annual Vaccine and ISV Global Congress in Seattle, WA in October](#).
 - Edward Belongia, MD will present a review of influenza vaccine efficacy and effectiveness at the [ESWI Influenza Conference](#) in Malta during September.
- *Clinical Medicine & Research*, the medical research journal published by Marshfield Clinic and MCRF, released a new issue in June 2011. Volume 9, Number 2 is available in both print and electronic format. To view the issue online, visit <http://www.clinmedres.org/>. If you would like to receive a print copy of the issue, contact Sherry Salzman Scott, Senior Editor, by email: salzman.sherry@mcrf.mfldclin.edu, or phone: ext. 93501.
- MCRF Clinical Research Center would like to announce an upcoming training event: The third annual [FDA Clinical Investigator Training Course](#). This training will take place November 7-6, 2011 in Silver Spring, Maryland.

Contributors to this issue: Amit Acharya, PhD, Edward Belongia, MD, Scott Heiberger, Anne Nikolai, Sherry Salzman, & Dixie Schroeder

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MCRF Updates

August 18, 2011

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Vote for the New Identity of MCRF Updates

MCRF held a naming competition over the last month for its bi-weekly newsletter. Three names have risen to the top and the polls are open. Please visit the [Google Poll](#) to cast your vote. In all, there were 28 names submitted for consideration. Thank you to those who provided entries; a few of the names included: Under the Microscope, Science in Motion, Remedies, Foundation Front Page News, and Gossip Gazette. To see the top three names and to cast your vote, please visit the link provided.

Dental Research Initiative Stewardship Event a Success

Many local dentists from the 'Dental Clinic of Marshfield' attended the August 2nd stewardship event to learn about the dental research activities initiated at the Marshfield Clinic Research Foundation (MCRF). Presentations were provided by Amit Acharya, BDS, MS, PhD, Dental Informatics Scientist, Andrea Mahnke, Usability Analyst and Sara Engler, MCRF Dental Informatics Intern. At the event, the Dental Informatics team, led by Dr. Acharya, presented research results while the Interactive Clinical Design Institute (ICDI) Lab, led by Mr. Bob Moritz, provided a demonstration of usability lab equipment and its contribution to research.

According to Teri Wilczek, Chief Development Officer for Marshfield Clinic, "The Dental Clinic of Marshfield was a major contributor to the Laird Center for Medical Research campaign. Hosting this event provided us the opportunity to show the impact of their previous support while highlighting our dental research initiatives. The attendance was fabulous and the feedback from those attending was extremely positive." Dr. Acharya mentioned that, "This could be the beginning of a new collaboration between the MCRF researchers and the local dental and oral health providers in the city of Marshfield, in fact a group of dentists and dental hygienists from the Dental Clinic of Marshfield played a key role as research participants in a recent study conducted at Biomedical Informatics Research Center (BIRC) which focused on a Usability Evaluation of Marshfield Clinic's current Electronic Dental Record."

In Addition

- If you missed the MCRF Summer Student Internship Research Symposium, no worries! All presentations are available at the following link:
<http://mediasite01a.mfldclin.edu/mediasite/SilverlightPlayer/Default.aspx?peid=b5037c7f7a9246a5930a2d01471d3eb01d>.
- **Changes Proposed to Human Subject Protection Regulation:** An Advanced Notice of Proposed Rulemaking (ANPRM) was published in the Federal Register on July 26, 2011 entitled *Human Subjects Research Protections: Enhancing Protections for Research Subjects and Reducing Burden, Delay and Ambiguity for Investigators*. The ANPRM discusses sweeping changes to the existing Common Rule that governs almost all federally-funded research involving humans. Changes are proposed in the areas of continuing review, expedited review, exemptions, informed consent and unanticipated problem/adverse event reporting. The ANPRM suggests the establishment of mandatory information protection standards, mandating single IRB review for multi-site studies and

extending the applicability of the rule to all research at an institution that receives any federal funding. The government is accepting comments on the ANPRM until September 26th. A proposed rule and an additional comment period will follow. MCRF has convened a committee to review the proposed changes and submit comments. See the ANPRM at <http://www.gpo.gov/fdsys/pkg/FR-2011-07-26/pdf/2011-18792.pdf>. Questions can be directed to Diane Austin, Director, Office of Research Integrity and Protections, MCRF.

- *MCRF Updates* is always accepting announcements. Your contributions are truly appreciated.

Contributors to this issue: Amit Acharya, PhD, Teri Wilczek, Diane Austin, & Dixie Schroeder

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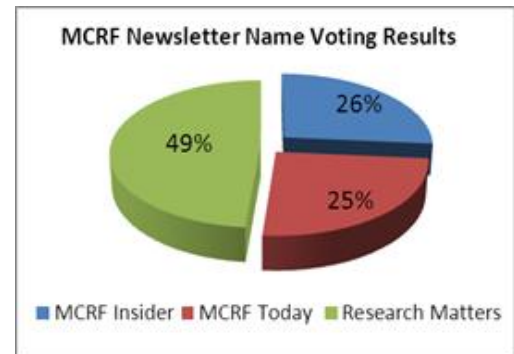
Research Matters

September 1, 2011

Research Matters is an internal bi-weekly newsletter published by Marshfield Clinic Research Foundation

New Name Chosen for MCRF Newsletter

MCRF held a naming competition over the last two months for its bi-weekly newsletter. Three names rose to the top: Research Matters; MCRF Today; and MCRF Insider. 72 MCRF employees voted choosing Research Matters, submitted by Michelle Wellsandt, as the new name for the internal MCRF Newsletter. In all, there were 28 names submitted for consideration. Thank you to those who provided entries.



New BIRC Director Joins MCRF

Simon M. Lin, MD, is the new tenured research scientist at MCRF, the Director of the Biomedical Informatics Research Center, and the inaugural holder of the Dr. John Melski Distinguished Physician/Scientist Endowment in Biomedical Informatics Research. Dr. Lin joins MCRF from Northwestern University Feinberg School of Medicine and the Northwestern University Clinical and Translational Sciences Institute where he was a Research Associate Professor of Biomedical Informatics. Prior to that, Dr. Lin was a Research Assistant Professor of Biostatistics and Bioinformatics and Technical Manager of Duke Bioinformatics Shared Resources, Duke University Medical Center.



Dr. Lin is known nationally for developing quantitative models and innovative software to manage complex biomedical datasets. "I am confident in his abilities to direct BIRC as he has proven senior leadership on the strategic expansion of bioinformatics, genetics, and health IT at the Northwestern University Robert H. Lurie Comprehensive Cancer Center where he served as Associate Director of Bioinformatics and the Center of Cancer Nanotechnology where he served as Director of Bioinformatics," says Humberto Vidaillet, MD, Director of MCRF.

Clinical Study Manager Joins Eastern Division

It is with great pleasure that Dr. Steve Yale announces the appointment of Bryn Oswall, MBA, CCRP as Clinical Study Manager, Eastern Division. Bryn brings to us a depth of experience as a Clinical Studies Coordinator, Clinical Research Associate and Senior Clinical Research Associate at Medtronic's, Senior Clinical Research Associate and Clinical Trial Marketing Manager at AGA Medical Corporation, and most recently Clinical Project Leader at American Medical System.

Ms. Oswall, working with Kristin Martinez, Center Administrator and Adedayo Onitilo MD, MSCR, FACP, Assistant Director of Clinical Research in the Eastern Division, will manage all aspects of clinical operations within the research program working to promote and create opportunities for research within the Division. Bryn will be responsible for developing and implementing high priority departmental projects such as strategic planning, employee hire and mentoring, quality assurance, monitoring, auditing, budget preparation, financial analysis of costs, and financial compliance within the research division.

Changes to the Journal of Agromedicine

The October edition of the Journal of Agromedicine marks the final issue with Dr. Steve Kirkhorn as editor-in-chief. Dr. Matt Keifer has accepted editor's duties, keeping the Journal at the National Farm Medicine Center. Dr. Kirkhorn and NFMC took editorship in 2004, rescuing the Journal when its previous editorial home lost funding. At the time, the Journal had just been accepted for indexing by the National Library of Medicine, but it had no papers in review. Dr. Kirkhorn led the Journal's comeback, putting his imprint on seven volumes. Dr. Kirkhorn will now be focusing more on his role as chair of occupational medicine, and on workers' compensation outcomes research. He'll continue to be involved as a member of the editorial board.



“Our most satisfying accomplishment has been to grow from a fallow period with no manuscripts to now consistently meeting quarterly publication deadlines with an adequate number of quality papers,” Dr. Kirkhorn said. “We decreased by months the length of time between submission by authors and acceptance and then publication, meeting authors’ concerns about acceptable timeliness of reporting of scientific findings.”

Dr. Keifer, stepping up from associate editor, said one of his goals is to introduce the Journal to a broader audience. The Journal, published by Taylor & Francis, is available through the George E. Magnin Medical Library, http://srdweb1/clinic/dept/coe/medical_library/journalsTC.asp.

What's New in Sponsored Programs?

Sponsored Programs is excited to announce the arrival of Jolene Knetter, Grant and Contract Specialist. Jolene became an SP team member on August 15, 2011 and brings with her accounts payable and receivable experience, in addition to contract and regulatory experience.



From Left to Right: Tim Grande, Patti Baer, Jolene Knetter

Jolene joins Tim Grande and Patti Baer of Sponsored Programs who are both relatively new to SP within the last two years. Tim Grande joined Sponsored Programs as a Grant and Contract Specialist in the spring of 2010. Tim has extensive accounting experience and is a great asset to the SP team. Tim and Jolene are primarily responsible for Preaward activities which include preparing grant/contract budgets and proposal applications.

Patti Baer started with Sponsored Programs as a permanent employee in October 2010. Patti has a wide variety of accounting and business experience and is a much welcomed addition to SP. Patti's primary focus is Postaward which includes approving grant and contract expenses, generating third party agreements and monitoring/approving invoices. Patti also assists in Preaward as needed. Please feel free to contact these staff for assistance with your grant proposals and awards.

In Addition

- **Final Conflict of Interest Rule Issued.** The Department of Health and Human Services has issued a final revised rule on Promoting Objectivity in Research. The rule must be implemented by institutions applying for or receiving PHS funding no later than August 24, 2012. Most of the changes previously discussed in the proposed rule issued approximately one year ago were retained. The most significant changes include: 1) required investigator training; 2) public disclosure of conflict of interest policy and financial conflicts; 3)

broadening of financial interests that need to be disclosed (e.g., disclosure thresholds lowered, disclosure of all interests related to an investigator's institutional responsibilities required rather than only interested related to funded research, and required disclosure of certain reimbursed travel); and 4) more detailed initial as well as annual reports to DHHS on interests deemed to be conflicts. Expect to hear more on MCRF's implementation of the final revised rule in the near future. In the interim, the current rule and institutional policy remains in effect.

- **Before You Share Research Data or Materials.** MCRF has recently updated policies and procedures relate to the ownership, management and sharing of research data and materials. The policy, found at http://srdweb1/clinic/policies/policy_details.asp?RecID=4291&rev=0&typeEntity=clinic describes requirements related to collection, storage, retention, access, transfer, and sharing of data and materials. A related procedure, found at http://srdweb1/clinic/policies/policy_details.asp?RecID=3308&rev=2&typeEntity=clinic discusses steps required prior to sharing data/material with anyone from outside the institution, including departing researchers and outside researchers visiting Marshfield Clinic. Salient points are: 1) Marshfield Clinic is the owner of all research data/materials; 2) the researcher, as the custodian, is responsible for proper collection, storage and retention; 3) minimum retention period is 6 years; 4) reviews and approvals, and often an agreement, are required before sharing data or material. Questions regarding the policy and procedure can be directed to Melissa Ostrowski in the Office of Research Integrity & Protections at ext. 7-5858.
- Nominations for the 2011 Gwen D. Sebold Research Fellowship Award are due this Friday, September 2nd. For more information on the nomination process please refer to the [August 25th issue of Pulse](#).
- *Research Matters* is always accepting announcements. Your contributions are truly appreciated.

Contributors to this issue: Diane Austin, Scott Heiberger, & Bonnie Ohlsson

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Research Matters

September 15, 2011

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MCRF highlighted at the 2011 Wisconsin Health Improvement & Research Partnership Forum

Representatives of several Research Networks from throughout the state are gathered in Madison this week to learn about each other explore potential avenues of collaboration. MCRF is featured prominently as [Humberto Vidaillet, M.D.](#), [Bob Greenlee, Ph.D.](#), [Melisa Simpson, D.V.M, M.D.](#), and [Steve Yale, M.D.](#) were asked to present at the forum.



Dr. Vidaillet opened the forum as the keynote presenter. His plenary presentation, entitled “An Overview of the Marshfield Clinic Research Program; Exploring Opportunities for Collaboration in the Real World” gave examples of successful collaborative research studies conducted using the resources of MCRF. A common theme throughout his presentation included the unprecedented level of substantive collaboration between Marshfield investigators and those from UW Madison. Another area of focus of his presentation was the important role the Marshfield area community plays in the operation of MCRF from the Board of Trustees to Community Advisory Groups.

Dr. Greenlee gave an overview of the [HMO Research Network](#) (HMORN), an organization of HMO research programs whose mission is to use collective scientific capabilities to integrate research and practice for the improvement of health and health care among diverse populations. Marshfield Clinic is one of 19 members across the United States and Israel.

Today, Dr. Simpson is presenting the association between blood glucose and length of hospital stay due to Acute COPD exacerbation. On Friday Dr. Yale will facilitate a networking opportunity for participants to learn more about MCRF, the resources available, and potential opportunities for collaboration.

The WI Health Improvement & Research Partnership forum is hosted by the [Wisconsin Research and Education Network](#) (WREN). Founded in 1987, the mission of WREN is to improve health outcomes for the people of Wisconsin through education, and through promoting and conducting primary care research in partnership with primary care clinicians and the communities they serve.

Recent Information Technology Upgrades at MCRF

Office 2010: On August 26, 2011 the Marshfield Clinic Research Foundation replaced all Microsoft Office 2003 Software with the Office 2010 Suite of applications. The Office 2010 software includes Outlook, Word, Excel, PowerPoint, and Access, but also includes products like OneNote, InfoPath Designer, InfoPath Filler and a SharePoint workspace. Due to advancing technologies and licensing upgrades taking place in the Marshfield Clinic Information Systems department the Foundation chose to upgrade all foundation’s computers/users to take

advantage of the additional features offered in Office 2010. The Research Foundation implementing the upgrade has greatly assisted Information Systems in their efforts to convert all Marshfield Clinic Employees to Outlook and Office 2010 products from legacy systems.

ITS/Kuali Coeus Foundation – Grants Management System: On August 29, 2011 Marshfield Clinic Research Foundation released two new software applications; an electronic Intent to Submit application and the Kuali Coeus Grants Management System. These applications serve as a solution to manage all MCRF grant funded activities and include:

- enhanced electronic communication and notification
- budget creation capabilities
- proposal development and submission functions
- sponsor funding management
- award tracking
- enhanced reporting functions

The Kuali Coeus product is open-source software designed for all sizes of institutions through the Kuali Foundation; a non-profit organization that coordinates and manages the Kuali projects.

The Intent to submit application was developed internally by the Biomedical Informatics Research Center – Infrastructure and Central Resource team. Work will continue on the integration of the Kuali Coeus product into all MCRF applications and infrastructure.

Phase II of this implementation is underway and will include enhancements in the areas of budget functionality, Grants.gov submissions and sponsor templates. These enhancements are scheduled to be released mid-2012.

In Addition:

- If you missed the MCRF Full Foundation meeting on Tuesday, September 13th; you can still view the meeting via Media Site Live:
<http://mediasite01a.mfldclin.edu/mediasite/SilverlightPlayer/Default.aspx?peid=12927dc7a40b4b0ba013290bfa91c3191d>.

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MCRF Receives \$1.1 Million from Delta Dental

Delta Dental of Wisconsin announced Monday, September 26th that its board of directors approved \$1.1 million in funding for research projects at the Marshfield Clinic Research Foundation. Delta Dental committed \$500,000 toward dental-informatics research, \$500,000 toward the oral-and-systemic-health research project, and \$100,000 toward clinician-initiated dental and craniofacial research through the Delta Dental Oral and Systemic Health Research Initiative Fund.



Oral-and-systemic-health research centers on the connection between a healthy mouth and healthy body, focusing on expanding the links between oral health and diabetes, heart disease, and preterm births. "The Marshfield Clinic Research Foundation's commitment to oral-health research is impressive, and we are pleased to be able to partner with them in creating the Delta Dental Oral and Systemic Health Research Initiative Fund," says Dennis Peterson, Delta Dental's executive vice president.

"This partnership with Delta Dental would not have been possible without contributions from Development, Education, Family Health Center, and the Centers of MCRF" says Steve Wesbrook, PhD, Deputy Director of MCRF. "This is a true testament to the collaborative nature of our institution."

"As Family Health Center of Marshfield, Inc. seeks to demonstrate an approach to eliminate oral health access problems, the generous gift from Delta Dental will fund research that will assist us in developing new tools to address and eliminate oral health disparities," says Greg Nycz, Executive Director of Family Health Center of Marshfield, Inc.

Delta Dental of Wisconsin is a not-for-profit dental service corporation offering benefit services, claims processing, and plan administration to employers throughout Wisconsin since 1962. The company is headquartered in Stevens Point, with sales offices in Milwaukee and Madison, and provides benefits and services to more than 1.4 million subscribers and their family members. Delta Dental administers dental benefits for more Wisconsin companies than any other insurance carrier. Delta Dental is a member of the nationwide Delta Dental Plans Association, the largest dental-benefits system in the nation. Its member companies provide benefits to more than 51 million people in 93,600 employer groups across the United States.

"Delta Dental of Wisconsin is committed to changing the way dental care is delivered. They are a remarkable company, with whom we share a similar mission, and we look forward to a long-term partnership with them" states Teri Wilczek, Chief Development Officer.

This announcement also appeared in the [Milwaukee Journal Sentinel](#), Stevens Point Journal, Wausau Daily Herald, and front page of the [Marshfield News-Herald](#).

MMR3 Study Completed

The MMR3 Study ("Immunogenicity and Adverse Events Associated with a Third Dose of Measles-Mumps-Rubella Vaccine") has completed final follow-up on its 685 participants, reports Principal Investigator Laura Coleman, PhD, RD.

"It's no small accomplishment on the part of the study staff", says Dr. Coleman. "Our participant follow-up rate was 94%, which is particularly impressive when you consider the age of the subjects, 18-24 years old; a time when they are highly mobile."

Dr. Coleman gives credit for the high follow-up rate to lead Research Coordinators Sandy Freeman & Daphne York, along with many other research coordinators, interviewers, programmers, and laboratory technicians from the Epidemiology Research Center, Clinical Research Center, Biomedical Informatics Research Center, and Core Laboratory.

Sample testing and data analysis are underway. For additional details regarding this study, visit <http://www.marshfieldclinic.org/patients/?page=newsreleases&id=4194>.

ORIP Welcomes New Hire

Amanda Jensen joined the Office of Research Integrity and Protections on Sept 12th, as the new Review Committee Coordinator Sr. Amanda's work responsibilities will be focused on Research Committee, Continuing Review Reports for IRB and Research Committee, the Wisconsin IRB Consortium, and CITI training.

Amanda obtained her Bachelor's degree from UW-Eau Claire. Although the research realm will be new for her, she has 6 years of regulatory background work experience. Amanda's hobbies include reading, pop culture, and watching movies.

Amanda is out of the office this week enjoying her honeymoon – she and her husband Jake were married this past Saturday. She will return to ORIP as “Amanda Musson” on Monday Oct 3rd.

Please welcome Amanda to ORIP and MCRF!



In Addition:

- Anne Nikolai, Research Quality Assurance & Compliance Specialist, for the Clinical Research Center was invited to speak at the National Cancer Institute's Community Clinical Oncology Program (CCOP) [National Meeting](#) in Bethesda, MD. Anne presented at the meeting this week, highlighting MCRF's internal Quality Assurance program.
- The Auction of Champions, held September 22nd at RiverEdge Golf Course, raised a record-breaking \$245,000 to benefit the work of the National Farm Medicine Center. This story will be featured in the Marshfield Clinic weekly news publication, [Pulse](#).



Pictured is Dr. Erik Stratman with his wife Beth. Dr. Stratman will serve as the Auction Chairman for the next two years.

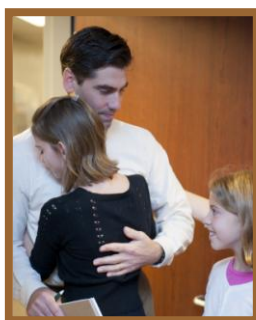
- *Research Matters* is always accepting announcements. Your contributions are truly appreciated.

Contributors to this issue: Jane Carl, Laura Coleman PhD, Scott Heiberger, Kathy Leick, Bob Mackle, & Steve Yale, MD

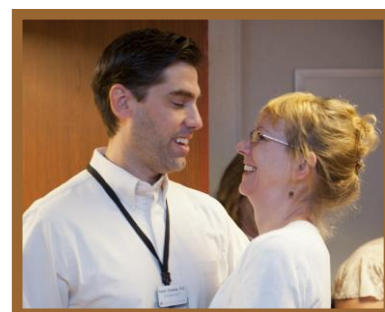
Edited by: Humberto Vidaillet, MD & Bobbi Bradley, MPH, bradley.bobbi@mcrf.mfldclin.edu, ext. 1-8939

2011 Gwen D. Sebold Research Fellowship Award Recipient Named

MCRF is happy to announce Dr. Robert Greenlee as the 2011 Gwen D. Sebold Research Fellowship Award recipient. Join in congratulating Dr. Greenlee as he receives his award at the Gwen D. Sebold Research Fellowship on Wednesday, November 16th at 5:30 in the Froehlke Auditorium. Visit Pulse, Marshfield Clinic's weekly internal news publication for the full story. For external access to Pulse, visit: <http://www.e-pulse.info/>.



Dr. Greenlee surprised as his wife and daughters congratulate him for receiving the 2011 Gwen D. Sebold Research Fellowship Award.



Capacity of the PMRP Continues to Increase

A recent study has confirmed the Personalized Medicine Research Project (PMRP) as a useful resource in studies examining gene-diet interactions and development of common diseases. Dietary intake in PMRP subjects was found to be relatively consistent with data from the National Health and Nutrition Examination Survey (NHANES), enabling future researchers to study this large cohort consuming a typical American diet and linked to Marshfield Clinic's comprehensive electronic health record. This study will be highlighted in the next issue of the PMRP newsletter to be released late October/early November.

MCRF is Recruiting Research Intern Mentors

The Marshfield Clinic Research Foundation Summer Student Internship Program will once again be hosting undergraduate and/or graduate student Interns. Applications to the program will become available November 1, 2011 and the program will run mid-May through mid-August 2012. Students are able to select a specific area of research they are interested in when completing their application: Clinical Research, Laboratory Research, Human Genetics, Epi/Public Health, Agricultural Health and Safety, and Biomedical Informatics.

This program is only successful if dedicated mentors volunteer their time. Ideally, a researcher from each area would express interest in mentoring to allow the students chosen by the Selection Committee to be matched successfully to their area of interest. A document outlining mentor expectations is available from Bobbi Bradley in Research Administration. If you are interested in mentoring a student, please seek approval from your Center Director and alert Bobbi Bradley via email by December 1st.

For more information visit:

http://www.marshfieldclinic.org/visitors/pages/default.aspx?page=educational_opportunities

Upcoming ICTR Workshops

Scientific Writing Workshop



The Institute of Clinical and Translational Research (ICTR) has announced the Fall 2011 Scientific Writing Workshops on November 3rd (Manuscript Writing) and 4th (Grant Writing). This workshop targets residents, fellows, junior faculty and graduate students in health professions who conduct (or plan to conduct) clinical research. If you are interested in attending, please contact Bobbi Bradley, MCRF ICTR Program Coordinator, by October 18th. Details regarding the workshop can be found at <https://ictr.wisc.edu/SciWritingWorkshop>. Although the website states the course is full, this does not pertain to Marshfield distance education participants.

Advanced Short Course in Clinical & Translational Research

This Advanced Short Course provides attendees with an overview of clinical and translational research, and presents pathways to develop an academic career focused on clinical research. Through a combination of presentations, discussions and hands-on exercises, attendees will explore concepts, gain knowledge and develop skills in the following areas:

- Developing and refining research questions
- Designing research projects and appropriately implementing research methodologies
- Understanding the strengths and weaknesses of different study designs in addressing specific clinical and translational research questions, including an understanding of threats to validity.
- Understanding regulatory issues that govern the responsible conduct of clinical and translational research.

This course will be held December 8th & 9th via distance education at MCRF in ML2B. To register visit: http://www.ohrd.wisc.edu/reg/catalog_course_detail.asp?course_key=35960. Please alert Bobbi Bradley, MCRF ICTR Coordinator, of your registration so she can assure you receive the information necessary to successfully complete the course here in Marshfield.

In Addition:

- Kristin Martinez, Clinical Research Center Administrator, MCRF is co-presenting two educational sessions at the National Council of University Research Administrators (NCURA) 53rd Annual Meeting in Washington DC, Nov 6-9, 2011. Titles are: "Clinical Trial Management for the Department Administrator" and "A Day in the Life of a Departmental Administrator".
- Congratulations to Linda Jaros, Office of Research Integrity & Protections. Linda recently passed (with flying colors) a four-hour IRB Professional recertification exam.
- Read the latest news from the University of Wisconsin Institute for Clinical and Translational Research (ICTR). This partnership between Marshfield Clinic and UW Madison releases a newsletter quarterly entitled *UW ICTR Today*. The newsletter released this month (summer 2011 addition) is available [online](#) or in hard copy at MCRF reception.
- *Research Matters* is always accepting announcements. Your contributions are truly appreciated.

Contributors to this issue: Diane Austin, Scott Heiberger, Ann Nikolai, & Jeanette Normington

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NFMC Director Receives Honorary Doctorate from Swedish University

MCRF is delighted to report Barbara Lee, Ph.D., was one of nine individuals worldwide to be conferred an honorary doctorate degree by the Swedish University of Agricultural Sciences, October 8th, in Uppsala, Sweden. Visit the October 20th edition of *Pulse*, Marshfield Clinic's weekly internal news publication, for the full story. For external access to *Pulse*, visit: <http://www.e-pulse.info/>. Dr. Lee's story was also published in the Marshfield News Herald October 22nd and can be accessed at this link <http://www.marshfieldnews herald.com/apps/pbcs.dll/article?AID=2011110220573>.



Successful Collaboration between MCRF Investigator and MC Clinician

Recently, Sanjay Shukla, PhD presented research findings on the role of staphylococcal lytic bacteriophage on Staph aureus colonization in nares in humans in Lucca, Italy at a prestigious, NIH-sponsored Gordon Research Conference on Staphylococcal Diseases. Held every two years, approximately 160 researchers from academic and pharmaceutical industries were invited to present. A little over 60 attendees were chosen from North America. The bacteriophage research project is an example of a successful collaboration between a clinician researcher, Vijay Aswani, MD, PhD, and a MCRF scientist, Sanjay Shukla, PhD. This work has led to two peer reviewed publications in the last few months and one abstract. Key findings included the first report of lytic bacteriophages in the anterior nares and their potential role on modulating Staph aureus colonization.

- Aswani VH, Tremblay D, Moineau S, and Shukla SK. 2011. A First Report of Staphylococcus epidermidis Bacteriophages from the Anterior Nares of Humans. Applied and Environmental Microbiology. Sept 16. Epub ahead of print.
- Aswani VH and Shukla SK. 2011. Prevalence of Staphylococcus aureus and Lack of its Lytic Bacteriophages in the Anterior Nares of Patients and Healthcare Workers at a Rural Clinic. Clin Med and Res. 9:75-81.



Sanjay Shukla, PhD
Center for Human Genetics



Vijay Aswani, PhD, MD
Med/Peds

Cardiovascular Research Network Study Expanded to Include more Patients

This Fall the Agency for Healthcare Research and Quality (AHRQ) approved a Task Order Proposal to expand the Cardiovascular Research Network (CVRN) Longitudinal Study of Implantable Cardiac Defibrillators (ICDs). Dr. Greenlee is co-leading this study along with Dr. Fred Masoudi, University of Colorado at Denver and Kaiser Permanente Colorado. In addition, Marshfield Clinic clinicians play a critical role in this study serving as the central adjudication center for device therapies. Participating clinicians include: Romel Garcia-Montilla, MD, PhD; John Hayes, MD; Param Sharma, MD; Mary Suits, RN; and Humberto Vidaillet, MD.

This one year of additional funding from AHRQ will allow Dr. Greenlee and Co-Investigators to increase the study cohort size by 25% by adding patients at the 7 participating sites who received ICDs for primary prevention of sudden cardiac death in calendar year 2010, to those patients already included who were implanted from 2006-2009.

In addition, Dr. Fred Masoudi and Dr. Robert Greenlee were invited by AHRQ to present on the CVRN Longitudinal Study of ICDs at the Annual AHRQ Conference in Bethesda, MD, September 18-21, 2011.

Who Needs Human Subjects Protection Training via CITI?

This is a reminder that per the MCRF policy, "Human Subject Protection Training," all personnel must complete CITI training prior to "engaging in research." The basic definition of engagement is to, "interact with human subjects or their identifiable information for research purposes."

While ORIP confirms and facilitates CITI training for principal and co-investigators, it is in turn the responsibility of PIs and managers to oversee compliance with this requirement for their staff members who are engaged. Please keep in mind that this includes Clinic or Lab employees, in addition to those from MCRF.

In Addition:

- Deanna Cross PhD presented a poster on "The influence of a positive family history of prostate cancer on the initial screening age, screening interval, and biopsy decision in a population of PSA screened males" at the 61st annual American Society of Human Genetics Meeting in Montreal Canada October 11-15, 2011.
- The last Full Foundation Meeting of 2011 is scheduled for Thursday, December 1st at 1:30pm until 3:30pm in the Froehlke Auditorium.
- MCRF's annual Holiday Party will be held on Tuesday, December 13th between 2:00pm and 4:00pm in the Erdman Lobby.
- *Research Matters* is always accepting announcements. Your contributions are truly appreciated.

Contributors to this issue: Scott Heiberger, Linda Jaros, Sally Lang, Ruth Mueller, & Jeanette Normington

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Dr. Rezkalla Receives Seubert Distinguished Physician Endowment in Cardiology Research

Renowned interventional cardiologist and researcher, Dr. Shereif Rezkalla, MD, FACP, FACC has been named the first recipient of the Celine Seubert Endowment Distinguished Physician in Cardiology Research. The award recognizes both Dr. Rezkalla's nearly 30 years of remarkable accomplishments, and provides financial support to advance Dr. Rezkalla's ongoing cardiology research efforts. Everyone is invited to participate in the celebration at a ceremony in the Froehlke Auditorium, 4:30 pm on November 15th, followed immediately by a reception.

"Dr. Rezkalla's research has had a major impact on the treatment of cardiovascular disease well beyond the walls of Marshfield Clinic. He has helped pioneer major advances in cardiology including develop new, more effective intervention procedures and medical devices that ultimately improve outcomes; and has contributed significantly to the understanding of drug interactions, and co-morbidities on clinical outcomes for those with heart conditions," explained Dr. Humberto Vidaillet, Director of Medical Research at Marshfield Clinic. "One of Dr. Rezkalla's incredible achievements is to actively participate in research while maintaining a very busy clinical practice. It is staggering to think what Dr. Rezkalla has contributed directly to his patients, and to the advancement of cardiology in his nearly 30 years of practice," said Vidaillet.



Shereif Rezkalla, M.D.
Cardiology

Dr. Rezkalla's work has been widely published, including seminal works in the New England Journal of Medicine, Nature Cardiovascular Journal, Circulation, American Journal of Genetics, and the Journal of the American College of Cardiology. Dr. Rezkalla lives all components of the mission of the Marshfield Clinic by sharing his wisdom and experience as an active mentor to new physician-investigators and numerous medical research related committees and boards.

This Distinguished Physician Award is named after Celine Seubert, grandmother of former New York Giant offensive lineman and Rozellville native, Rich Seubert. Rich's distinguished 10-year career with the New York Giants includes helping win Super Bowl XLII as the starting left guard, and as a recognized leader on and off the field. In 2008, Rich made the commitment to raise money to support cardiology research at Marshfield Clinic in honor of his grandmother, a nearly 27-year heart transplant survivor. Through the Rich Seubert Celebrity Trap Shoot in Eau Claire, Wisconsin, Rich helped raise more than \$1 million in just 4 years. "My family was blessed thanks to research," explained Seubert. "I am proud to see this money being put to good use. Dr. Rezkalla is the kinda guy everyone wants on their team...he knows how to win, so give him the ball."



Rich Seubert
Principal Fundraiser
Seubert Endowment

Mrs. Meda Heywood, who was the first person to endow cardiology research at Marshfield Clinic, provided the genesis of this fund. While hosting her mother-in-law's 100th birthday party, Meda felt extremely fatigued. She thought she had the flu. Instead, she was surprised to learn that two arteries supplying blood to her heart had major blockages. Meda worked through the shocking news and put her faith in the Marshfield Clinic and Ministry Health Care heart care team. Thankful for her great care, Meda made a sizable donation for cardiology research to the Marshfield Clinic.



Meda Heywood
First person to endow
cardiology research at
Marshfield Clinic

Creating the Physician Endowment in Cardiology Research would not have been possible without the generosity of donors and the hard work and dedication of the Marshfield Clinic Development Department. "We are deeply appreciative to everyone who helped make this milestone possible," said Teri Wilczek, Chief Development Officer at Marshfield Clinic.

MCRF Investigator Studies Obesity and Immune Response to Influenza Vaccination



Dr. Laura Coleman presented a poster at the Infectious Diseases Society of America 49th Annual Meeting in Boston, Massachusetts on obesity and immune response to influenza vaccination. Dr. Coleman was interviewed by Medscape Medical News about the study, which suggested that obesity does not adversely affect antibody response to influenza vaccine. In fact, response to one component of the vaccine actually increased. Additional studies, funded by the U.S. Centers for Disease Control and Prevention, are currently underway to explore other aspects of the immune response. To read Dr. Coleman's interview with *Medscape Today* visit: <http://www.medscape.com/viewarticle/752122>.

UW-Madison Graduate Course in Clinical & Translational Research Available in Marshfield

Fam Med 701: Perspectives in Multidisciplinary Clinical and Translational Research will be available through distance education January- May 2012, Monday 4-6 pm.

This graduate level course introduces participants to scientific methods used for clinical and translational research. The course will stress the importance of multidisciplinary approaches to solving clinical questions and will incorporate examples of research discoveries that were advanced through multidisciplinary collaborations. The course will emphasize a variety of research study designs and approaches that involve both qualitative and quantitative (including quasi-experimental designs) research methods to study clinically-related research questions and problems. For more information contact Bobbi Bradley, MCRF ICTR Coordinator at bradley.bobbi@mcrf.mfldclin.edu.

In Addition:

- Reminder: Robert Greenlee, PhD, MPH will receive the Gwen D. Sebold Research Fellowship award on Wednesday, November 16th at 5:30 pm in the Froehlke Auditorium.
- An Advanced Short Course in Clinical & Translational Research will be held December 8th & 9th via distance education at MCRF in ML2B. For more information visit: <https://ictr.wisc.edu/AdvancedShortCourse>. To register please contact Bobbi Bradley, MCRF ICTR Coordinator.
- *Research Matters* is always accepting announcements. Your contributions are truly appreciated.

Contributors to this issue: Ruth Mueller, Jeanette Normington, and Matt Schneider.

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Marshfield Clinic Featured at National Conference for the Advancement of Digital Future of Healthcare

The American Medical Informatics Association (AMIA) featured Marshfield Clinic with a video titled “The Digital Future of Healthcare” at the annual conference in Washington DC, October 22-26, 2011.

The AMIA conference of 2011 was attended by more than 2200 health care professionals and leaders in biomedicine, health care and science. NIH Director Dr. Francis S. Collins opened the session with a keynote talk on genomics, drug repositioning, and the future of personalized healthcare.

The video of Marshfield Clinic, which was shown at the conference and featured on the AMIA website, discussed how informatics is practiced now to improve the quality of patient care and how informatics research will impact healthcare in the future. Mr. Ken Letkeman, CIO of Marshfield Clinic, introduced the Cattails medical record system developed in house, and Dr. Edna O. DeVries, division medical director, demonstrated the benefits of using a tablet computer in patient care. Dr. Humberto J. Vidaillet, director of medical research, discussed the vision of translational research and the key strategy of collaboration; Dr. Simon Lin, director of Biomedical Informatics Research Center, envisioned the digital future of personalized patient care; and Dr. Amit Acharya, dental informatics scientist, discussed the value of integrating dental records with medical records.



According to its website, AMIA is an unbiased, authoritative source within the informatics community and the health care industry. The goal of AMIA and its members is to transform healthcare through trusted science, education, and practice in biomedical and health informatics. To best exemplify the mission and values of the AMIA, the conference TV committee of AMIA selected five organizations in the United States to feature. Along with Marshfield Clinic, the other four organizations were University of California at Davis, University of Illinois at Chicago, Regenstrief Institute/Indiana University, and Oregon Health Science University.

The AMIA video of Marshfield Clinic is available for viewing on MediaSite Live at:

<http://mediasite01a.mfldclin.edu/mediasite/SilverlightPlayer/Default.aspx?peid=a769ef860c244818ac5fd9c068b5f26e1d>.

Epidemiologist Joins Marshfield Epidemiology Research Center

Maria Sundaram has joined the Epidemiology Research Center as an Epidemiologist, working with Dr. Laura Coleman on studies related to nutrition and infection. Maria received her Master of Science in Public Health from the Johns Hopkins Bloomberg School of Public Health, and has an undergraduate degree from UW-Madison. Maria previously worked at the World Health Organization and recently spent time in Bangladesh working on a project of early newborn feeding practices. Please join in welcoming Maria to Marshfield!



In Addition:

- **IRB Update:** The IRB has updated its Children's Assent policies and procedures, and the changes will be effective January 1, 2012. The new policy and sample assent forms will be available via the Clinic's Policy and Handbook Library and the IRB's Homepage at that time. Linda Jaros is available to meet with any researchers/centers that conduct research with children and would like an in-person overview of the coming changes. You may contact Linda at 9-3022.
- Clinical Medicine & Research, the medical research journal published by Marshfield Clinic and MCRF, released a new issue. 1 November 2011; Vol. 9, No. 3-4 is available in both print and electronic format. To view the issue online, visit <http://www.clinmedres.org/>. If you would like to receive a print copy of the issue, contact Sherry Salzman Scott, Senior Editor, by email: salzman.sherry@mcrf.mfldclin.edu, or phone: ext. 93501.
- *Research Matters* is always accepting announcements. Your contributions are truly appreciated.

Contributors to this issue: Laura Coleman, Crystal Gumz, Linda Jaros, Simon Lin, Ruth Mueller, & Dixie Schroeder.

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BIRC Director Named US Representative to International Medical Terminology Committee

Simon Lin, MD, director of Biomedical Informatics Research Center, has been named as US representative to the International Health Terminology Standards Development Organization (IHTSDO).



Dr. Lin will serve on the Implementation and Innovation Committee for a two-year term of 2012-2013.

IHTSDO, founded in 2007 by the United States and eight other charter countries, is an international non-profit standards development organization. Its mission is to develop, maintain, promote and deliver medical terminology in order to improve health in a global scale. In particular, the IHTSDO promotes SNOMED CT (Systematized Nomenclature of Medicine -- Clinical Terms) to ensure safe, precise and effective exchange of clinical and health related information. SNOMED CT helps accomplish the vision of a comprehensive, accurate, semantically interoperable and machine processable computer-based health record.

Marshfield Clinic has been leveraging information technology to transform health care in the past four decades. The Electronic Health Record (EHR) system at Marshfield Clinic was the first internally-developed system to gain Certification Commission for Health Information Technology (CCHIT) certification. "Safe, accurate, and effective exchange of health information by standard terminology is fundamentally critical to the mission of Marshfield Clinic and its research partners", commented Ken Letkeman, CIO of Marshfield Clinic. The Marshfield Clinic's 49 regional centers are fully electronic, paperless, and linked by semantically integrated information systems. Facilitated by strategically invested informatics infrastructure, Marshfield Clinic has saved the Center for Medicare and Medicaid Services (CMS) over \$83 million in the first four years of the Physician Group Practice (PGP) demonstration project, while meeting or exceeding 27 out of 27 possible quality metrics. Marshfield will bring first-hand implementation experience to the international committee.

Dr. Lin was funded by NIH on medical terminology and ontology research. He will be joined on the Committee by 2012-2013 members James Cimino, Chief of Informatics Development at NIH Clinical Center; Jamie Ferguson, Kaiser Permanente's National Executive Director for Health IT Strategy and Policy; and Harold Solbrig, Professor at Mayo Clinic.

BIRC Research Assistant Accepted into Dental School

Please congratulate Ms. Sara Engler who has been accepted to the School of Dentistry at University of Minnesota to pursue an exciting career in clinical dentistry. Sara will begin her first year of Dental school starting August of 2012. "I had absolutely no doubt in my mind that she would make it into the Dental School," stated Sara's supervisor and mentor Amit Acharya, PhD. Sara is currently a Dental Informatics Research Assistant at BIRC and also spent the summer with BIRC as a Dental Informatics Intern. Sara is expected to remain at BIRC through June 2012. "Although, the BIRC Dental Informatics team is going miss her, we remain excited that she will be close to Marshfield as we could explore future Dental Informatics collaborative projects," commented Acharya.



Marshfield Investigators Collaborate with UW Madison to Conduct Research Using Survey of the Health of Wisconsin (SHOW) Data

Survey of the Health of Wisconsin (SHOW) is the first statewide research survey to systematically gather data on health status and health disparities among Wisconsin adults. Through the ICTR-based partnership with UW-Madison, Marshfield Clinic became the third recruitment and enrollment center for SHOW, joining existing centers based in Madison (Middleton) and Milwaukee. This expansion has allowed SHOW to enhance its presence in rural Wisconsin and take advantage of Marshfield Clinic's large system of 52 community-based clinics throughout the central, northern, and western areas of the state.

Since partnering with SHOW, MCRF investigators have begun using the available data to conduct research. Jeff VanWormer, PhD and Bob Greenlee, PhD, MPH recently conducted a study on the Sociodemographic Determinants of Aspirin Use for the Primary Prevention of Cardiovascular Disease in the Survey of the Health of Wisconsin. The sample (n=831) was stratified by those clinically indicated and not indicated for aspirin therapy per national guidelines. In the group indicated for aspirin, participants who were older or female were more likely to take aspirin regularly as compared to younger or male participants. For those not indicated for aspirin therapy, regular aspirin use was greater among older participants relative to younger participants, and lower among non-White or Hispanic participants relative to Whites. Aspirin is generally underused in Wisconsin by those who could gain cardioprotection from it, and overused by those where the risk of major bleeding events outweigh the potential CVD benefits. As such, stronger primary care initiatives may be needed to ensure that regular aspirin screenings occur, particularly for middle-aged males at high CVD risk. In addition, better public education may be needed to inform people (particularly older Whites) about the risks of medically inappropriate aspirin use. Results from this study will be published in the Journal of Family Practice.

UW ICTR Releases Pilot Award RFAs

ICTR Pilot Award funding for investigators who perform clinical, Type 1 translational, and Type 2 translational research will again be available in 2012. Important dates and deadlines for the application process are shown below. RFAs for the Clinical Type 1, and Type 2 awards will be released on December 1, with letters of intent due on February 1. The RFA for the Clinical Research Pilot Award for Medical Scientist Training Program Students competition is expected to be released later in 2012; contact Peggy Hatfield for more information (pmhatfie@wisc.edu). Visit <https://ictr.wisc.edu/FundingOpportunities> for detailed information on ICTR Pilot Award RFAs.

Key Dates for Clinical and <u>Type 1</u> Translational ICTR Pilot Applications ((\$50,000 for one year of direct support))	
December 1, 2011	RFAs Released (ictr.wisc.edu/FundingOpportunities)
December 6, 2011 12:00-1:00 pm	Clinical/Type 1 Brown Bag training session/ UW Madison (HSLC 1220)
January 2012	Workshop for Type 1 Translational Research (Optional) (TBD)
February 1, 2012	Mandatory Letters of Intent Due Date
March 15, 2012	Clinical and Type 1 Translational Research Pilot Award Applications Due
August 2012	Funding Award Announcements

Key Dates for <u>Type 2</u> Translational ICTR Pilot Applications ((\$50,000 for one year of direct support))	
December 1, 2011	RFAs Released (ictr.wisc.edu/FundingOpportunities)
December 14, 2011 12:00-1:00 pm	Type 2 Brown Bag training session/ UW Madison (HSLC 1309)
February 1, 2012	Mandatory Letters of Intent Due
February 14, 2012 10:00 am -12:00 pm	Mandatory Workshop for Type 2 Translational Research/ UW Madison (HSLC 1325)
April 2, 2012	Type 2 Pilot Award Applications Due
August 2012	Funding Award Announcements

In Addition:

- Full Foundation Meeting: If you missed the December 1st Full Foundation Meeting it's available through MediaSite Live:
<http://mediasite01a.mfldclin.edu/mediasite/SilverlightPlayer/Default.aspx?peid=b40b66146afc43638cb4aa8fc32bdc311d>.
- Reminder: MCRF Holiday Party is on December 13th, 2:00 – 4:00pm in Erdman Lobby.
- *Research Matters* is always accepting announcements. Your contributions are truly appreciated.

Contributors to this issue: Amit Acharya, Simon Lin, Ruth Mueller, Dixie Schroeder, & Jeff VanWormer.

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Director of Center for Human Genetics Promotes Oral & Systemic Health Research

Dr. Murray Brilliant, Director of Center For Human Genetics, was invited to represent the Marshfield Clinic on December 5-6 at "Genomic Medicine II" the second in a series of meetings organized by the National Human Genome Research Initiative (NHGRI) to help the Institute identify future translational research priorities in genomic medicine. His presentation on the Oral Systemic Health Research Project of the Marshfield Clinic was well-received and several groups (Geisinger, Penn Dental School, University of North Carolina, and Mt. Sinai) expressed interest in working with researchers at the Marshfield Clinic to study the role of genetics and periodontal health on complex disorders such as type 2 diabetes. Dr. Brilliant was asked to lead a working group on this collaborative effort that will hopefully lead to future targeted funding by the NIH.



National Children's Center Supports Youth Working Safely in Agriculture

The U.S. Department of Labor (DOL) is proposing new rules regarding jobs that children can be hired to perform on farms and ranches. Although the official comment period ended December 1, public discussion continues as the DOL reviews more than 10,000 comments received via the federal register.

The National Children's Center for Rural and Agricultural Health and Safety supports the changes, which would apply to hired youth under 16 and would focus on jobs that research has shown to cause the most injuries and fatalities, such as tractor operation and certain types of work with animals. Children working on their family's farm would continue to be exempt from labor laws.

Working in agriculture is beneficial to youth on many levels, said Barbara Lee, Ph.D., director of the National Children's Center and National Farm Medicine Center, Marshfield Clinic Research Foundation, Marshfield, Wisconsin. The National Children's Center has long focused on promoting meaningful work experience for young people with less risk of farm related disease or injury. The center led development of two sets of landmark guidelines in consultation with agricultural employers and farm parents, as well as with safety and health specialists.



- North American Guidelines for Children's Agricultural Tasks (NAGCAT) (www.nagcat.org) were released in 1999 to help adults match children with appropriate jobs. The guidelines empower parents to assign jobs while taking into account the unique growth and development characteristics of each child.
- Safety Guidelines for Hired Adolescent Farm Workers (www.marshfieldclinic.org/saghaf) were published in 2009 to facilitate supervision and work assignments of hired teen workers. These guidelines came at the request of agricultural employers.

The National Children's Center and other supporters say the proposed DOL changes are modest and overdue, bringing agriculture closer in line with other industries. The proposed changes are based on a comprehensive evaluation conducted by the National Institute for Occupational Safety and Health (NIOSH), which reported on its evaluation in 2002 and made recommendations concerning both non-agricultural and agricultural hazardous occupations orders (HOs). As a result of the report, regulations for non-agricultural HOs were revised and became effective in 2010.

Agriculture Secretary Tom Vilsack said the proposed rules, "respect the various ways that farms are structured in rural America, including partnerships and LLC's."

More information is available at the Department of Labor Web site,
http://www.dol.gov/whd/CL/AG_NPRM.htm.

Reminder: UW ICTR Pilot Award RFA Letter of Intent Deadline Quickly Approaching

ICTR Pilot Award funding for investigators who perform clinical, Type 1 translational, and Type 2 translational research will again be available in 2012. Important dates and deadlines for the application process are shown below. RFAs for the Clinical Type 1 and Type 2 awards were released on December 1, with letters of intent due on February 1. The RFA for the Clinical Research Pilot Award for Medical Scientist Training Program Students competition is expected to be released later in 2012; contact Peggy Hatfield for more information (pmhatfie@wisc.edu). Visit <https://ictr.wisc.edu/FundingOpportunities> for detailed information on ICTR Pilot Award RFAs.

Key Dates for Clinical and <u>Type 1</u> Translational ICTR Pilot Applications ((\$50,000 for one year of direct support))	
December 1, 2011	RFAs Released (ictr.wisc.edu/FundingOpportunities)
December 6, 2011 12:00-1:00 pm	Clinical/Type 1 Brown Bag training session/ UW Madison (HSLC 1220)
January 2012	Workshop for Type 1 Translational Research (Optional) (TBD)
February 1, 2012	Mandatory Letters of Intent Due Date
March 15, 2012	Clinical and Type 1 Translational Research Pilot Award Applications Due
August 2012	Funding Award Announcements

Key Dates for <u>Type 2</u> Translational ICTR Pilot Applications ((\$50,000 for one year of direct support))	
December 1, 2011	RFAs Released (ictr.wisc.edu/FundingOpportunities)
December 14, 2011 12:00-1:00 pm	Type 2 Brown Bag training session/ UW Madison (HSLC 1309)
February 1, 2012	Mandatory Letters of Intent Due
February 14, 2012 10:00 am -12:00 pm	Mandatory Workshop for Type 2 Translational Research/ UW Madison (HSLC 1325)
April 2, 2012	Type 2 Pilot Award Applications Due
August 2012	Funding Award Announcements

For those interested in applying for a Type 2 award, please alert Bobbi Bradley, bradley.bobbi@mcrf.mfldclin.edu as she can waive the Mandatory Workshop in Madison and will connect you directly with the Workshop Facilitator in Madison.

In Addition:

- Fun was had by all at the 1st annual Multispecialty Christmas bowling party. The highlight of the night was when Terry Foss, Clinical Research Coordinator bowled a perfect “300” game for the first time ever.



- Past issues of *Research Matters* are archived on the Marshfield Clinic Intranet: http://mclweb.mfldclin.org/mcrf/?page=mcrf_updates
- *Research Matters* is always accepting announcements. Your contributions are truly appreciated.

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