Building Trust with Community Partners

June Health Equity Leadership Institute Continues to Train Diverse Scholars

This June marked the 6th Annual Health Equity Leadership Institute (HELI) offered by the ICTR Collaborative Center for Health Equity (CCHE) in partnership with the University of Maryland-College Park Center for Health Equity. Twenty-one scholars were selected from a nationwide pool to attend an intensive, weeklong “research boot camp” held on the UW-Madison campus.

HELI’s mission is to increase both the number of researchers, particularly those from populations that are traditionally under-represented in the health sciences, engaged in health disparities/health equity research, and also their academic success as measured by grant funding, academic promotions, and positions of leadership. Ongoing support for HELI was provided this year by UW SMPH, the UW Office of the Provost (Division of Diversity, Equity, and Educational Achievement), and the NIH/National Institute of Minority Health and Health Disparities (NIMHD) P60 Center of Excellence award to CCHE.

Alexandra Adams, MD, PhD, CCHE director, comments, “Since our initial offering in 2010, we have been able to build on our strengths, while developing new sessions on emerging topics of importance to health equity investigators.”

The five-day program included presentations from invited speakers and scholars, interactive sessions, panel discussions, mock study sections, and career development activities.

Adams continues, “Added this year were sessions presented by new community partners, master mentors from the National Research Mentoring Network, and new collaborators from the Wisconsin Alumni Association. I am very pleased that the excitement we felt as organizers, was reflected in feedback from our trainees.”

Focus on building trust and working with unique communities

University of Maryland collaborators Stephen Thomas, PhD, and Sandra Crouse Quinn, PhD, led an interactive session on their Building Trust Between Minorities and Researchers initiative. The Building Trust curricula, funded by the NIH Office of the Director and the NIMHD as a National Bioethics Research Infrastructure Initiative to increase the trust and participation of minority communities in biomedical and health outcomes research, provides technical assistance targeting community-based and academic audiences.

HELI scholars worked through the Research, Race & Social Justice module examining how social and historical context affect research interactions between potential participants and researchers.

The Building Trust presentation was complemented by Wisconsin-based researchers who offered their observations about what is required to form successful research partnerships.

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ICTR Welcomes New Deputy Executive Director

Robert F. Lemanske, Jr., MD, has been named Deputy Executive Director of the UW ICTR, as well as SMPH Associate Dean for Clinical and Translational Research. As part of the leadership transition plan for UW ICTR, Lemanske will work with Executive Director Marc Drezner, MD, to write the competitive renewal for the NIH Clinical and Translational Science Award that supports ICTR. When Lemanske assumes the Executive Director role, Drezner will continue to serve as Senior Associate Dean for Clinical and Translational Research in SMPH. Read more online (ictr.wisc.edu/Directors).
UW Madison ICTR Report
By Marc Drezner, MD, ICTR Executive Director; Senior Associate Dean, UW SMPH

This month’s lead article features a recap of the recent Health Equity Leadership Institute (HELI) offered by the ICTR Collaborative Center for Health Equity. I had the honor of meeting the HELI participants when I spoke at the kickoff session. They are a talented and engaged group and I thoroughly enjoyed the interactions with them. ICTR is committed to continuing the HELI program; the application process for the June 2016 event should be announced this winter. If you are interested in health equity or health disparities research, you should learn more about HELI and consider participating.

Also in this issue, I am pleased to share news of the 2015 Pilot Awards presented on July 15. The ICTR Pilot Awards Program has provided support for clinical and translational investigators every year since ICTR was founded and is one of the most visible aspects of our support for clinical and translational research at UW and Marshfield Clinic. Each year the highly competitive process identifies meritorious proposals and each year we fund as many of them as we can.

Over the years, our support for pilot awards has benefited from generous co-funding from other research centers and departments, in addition to ongoing core support from the Wisconsin Partnership Program. This year, our thanks go to the UW Carbone Cancer Center, UW Departments of Radiology and Medical Physics, Wisconsin National Primate Research Center, UW Stem Cell and Regenerative Medicine Center, and Marshfield Clinic.

The Marshfield Report
By Robert Steiner, MD, Executive Director, MCRF; ICTR Associate Executive Director

This month I want to congratulate the MCRF National Farm Medicine Center (NFMC)/Migrant Clinicians Network (MCN) team who have received the inaugural Stakeholder Collaboration in Occupational Injury Research Award, sponsored by the National Safety Council.

The award recognizes the broad community stakeholder engagement success of the Seguridad en las Lecherías: Immigrant Dairy Worker Health and Safety Project, being conducted in Wisconsin, and reflects a growing interest of ICTR Community Engagement and Research core activities at MCRF toward engagement and dissemination in rural and agricultural communities.

“The Seguridad project shows that collaboration between workers, producers, researchers, and health and safety practitioners is an effective approach to ensure worker protection,” she adds. Other team members included NFMC director and project director Matthew Keifer, MD, MPH; NFMC project coordinator Iris Anne Reyes, MPH; and NFMC community outreach trainer Yurany Ninco Sanchez, RN.

Agriculture lacks many worker health and safety regulations found in other industries. An increasing number of immigrants with limited experience, unaddressed safety training needs, and language barriers are hired to work in dairy. Few resources are geared for this population and many farmers lack the safety, language, and cultural knowledge to train these workers in health and safety.

The Seguridad project tests culturally-appropriate popular education approaches and the promotor de salud, or community health worker model, to provide health and safety training to Wisconsin immigrant dairy workers. The Seguridad project has partnered with 59 farms, training 737 workers and 37 promotores, totaling over 2,639 training hours. This effort has increased health and safety knowledge among participating dairy workers.

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with diverse minority communities in Wisconsin. Presentations focused on projects with Native American tribes in Northern Wisconsin, with Latino partners in urban Milwaukee, and with African American partners in Madison. Dorothy Edwards, PhD, UW professor of Kinesiology, described her Voices Heard study characterizing perceptions and attitudes about research participation across distinct racial and ethnic groups. Partnering with representatives of Wisconsin’s tribal, African American, and Latino/Hispanic communities, Edwards and her team used qualitative and quantitative methodologies to identify factors that enhance and limit participation in biomarker research. This work is funded by the CCHEs P60 Center grant from the NIH.

Instruction by community partners

Successful community-engaged research collaborations require investigators to consider and respond to community priorities, rather than promote research ideas and approaches that originate solely from an academic environment. A panel discussion moderated by Adams examined relationship-building underpinning successful research partnerships with Wisconsin tribal communities since 2002. Notably, panelists included Brian Jackson, president of the Wisconsin Indian Education Association, and Isaiah Brokenleg, MPH, epidemiologist and program director at the Great Lakes Inter-Tribal Epidemiology Center, as well as Tim Frandy, PhD, CCHE research ambassador for tribal-UW partnerships.

Learn More About the NIH Definition of Diversity

ictr.wisc.edu/NIHDiversityDef

A second panel of community and academic partners focused on developing the Madison-based Save the Life of Somebody You Know. Led by Erin N. Bailey, Outreach and Education Associate with the UW Carbone Cancer Center’s Cancer Health Disparities Initiative, this community-based participatory research project tested a culturally-appropriate educational intervention to reduce prostate cancer incidence among African American men. Floyd Rose, PhD, and Ed Murray of the 100 Black Men of Madison joined HELI 2011 alumni and SMPH assistant dean of multicultural affairs Tracy Downs, MD, on the panel.

Work-life integration workshops

With support from the National Research Mentoring Network (NRMN), some HELI career development sessions focused on work-life integration as an approach to both career success and personal growth. These sessions were led by Stephen Thomas, PhD, and Earllise Ward, PhD, both NRMN master mentors and HELI faculty.

New stakeholders in the UW community

New this year, the Wisconsin Alumni Association hosted a meeting at HELI with African American UW-Madison alumni to explore how they can support career development of diverse scholars and students at UW. Tracy Williams-Maclin, WAA diversity and inclusion director, sponsored the planning session to describe the new collaboration with ICTR/CCHE and to gear up for multicultural homecoming activities this fall in Madison. This CCHE-WAA collaboration is part of an ongoing effort to promote participation of campus alumni in campus diversity and inclusion activities.

The WAA meeting attendees joined the HELI UW Welcome reception featuring Eric Williams, PhD, UW assistant vice provost for student diversity and academic excellence, and the premier of a short film, No Singular Story, which captured a spring 2015 conversation in Milwaukee with UW alumni.

UW Regent Eve Hall, PhD, closed the reception program with a very hearty welcome to the scholars and a strong message of encouragement to maintain and grow the health equity and health disparities research infrastructure here at UW.

Investigators interested in applying to attend the 2016 HELI should watch the HELI website for an announcement next winter (uwheli.com/) or contact Caitlin LeValley (clevalley@wisc.edu) for further information.
Pilot Awards Announced for Ninth Consecutive Round

The UW Institute for Clinical and Translational Research (ICTR) made 32 awards on July 15 to support clinical and translational research on the UW-Madison campus and at ICTR-partner Marshfield Clinic. The awards are distributed along the spectrum of translational research, ranging from basic and clinical research to community-based and patient-centered investigations and total $1.7 million.

Christine Sorkness, Pharm D, professor of Pharmacy and Medicine and ICTR senior associate executive director, notes, “The ICTR Pilot Awards Program is an integral part of our commitment to supporting basic, clinical, and translational research at UW. Each year we assess the needs of our local investigators in light of NIH guidance and update the award types as necessary.”

She continues, “With the help of generous co-sponsors throughout campus and ongoing support from the Wisconsin Partnership Program, we have been able to maintain funding for translational research representing our core areas, while developing new mechanisms such as service laboratory vouchers and supplements for dissemination activities.”

This year’s co-sponsors include the UW Carbone Cancer Center (4), UW Departments of Radiology and Medical Physics (2), Wisconsin National Primate Research Center (1), UW Stem Cell and Regenerative Medicine Center (1), and Marshfield Clinic (1). Co-sponsored pilot awards are reviewed and scored in an identical fashion to all applications. Only after meritorious proposals are selected from the entire pool, are some identified for potential co-sponsorship.

As in prior years, the successful proposals came from all ICTR partners; the five UW partner schools and college and Marshfield Clinic. In addition, some awards were made to applicants from other UW schools, while academic collaborators and community partners were drawn statewide.

More information about the pilot awards program and award summaries is available online (ictr.wisc.edu/FundingOpportunities).

New Research Ambassador Joins ICTR Pilot Awards Program

Kate Judge, MSSW, began working in May in the ICTR Community Academic Partnerships (CAP) core as research ambassador and pilot awards manager. After practicing social work in community mental health settings, Judge conducted mental health services research at the UW School of Social Work via an NIH pre-doctoral training grant. Most recently, she worked with the Wisconsin Research & Education Network (WREN) as a Research Specialist promoting and supporting statewide research. Judge has extensive experience with operationalizing and implementing practice-based research protocols, plus experience with ICTR resources and engaging with community partners. As research ambassador, Judge will support CAP programs, affiliates, and pilot award applicants. She is located in room 2112F HSLC and can be reached at kjudge@wisc.edu, (608) 262-7125.

New RFA: Marshfield-UW Collaborative Research Pilot Award

ICTR and the Marshfield Clinic/Marshallfield Clinic Research Foundation will release an RFA for Collaborative Research Pilot Awards that will provide support for proposals that build upon the research interests and infrastructure of both partners. Applications must demonstrate a collaboration between MC/MCRF and Madison, with a single co-PI at each institution. Examples of projects include: 1) use of population-based clinical data for therapeutic or basic targets; and 2) computational tool development or use to guide clinical trials, gather/analyze electronic health records data, or guide diagnosis. The RFA will be released in early August and will be available online (ictr.wisc.edu/FundingOpportunities); applications will be due in October. Contact/Liaison: Peggy Hatfield (pmhatfie@wisc.edu, 608-261-1939)

Keep UW ICTR UP-TO-DATE with NIH

Publications arising from UW ICTR supported research should acknowledge support by stating “Supported by grant UL1TR000427 from the Clinical and Translational Science Award (CTSA) program of the National Center for Advancing Translational Sciences, NIH.”

Don’t Forget PubMed Central Submissions

Investigators holding an NIH grant, or receiving services through an organization like the NIH-funded ICTR, must submit publications arising from such support to the NIH PubMed Central Public Access site (publicaccess.nih.gov/). Failure to comply can lead to sanctions from NIH, including withdrawal of grant support.

Many campus resources are available to assist investigators (ebling.library.wisc.edu/help.nih.php), and individual assistance can be obtained by contacting Ebling Library staff, nihpolicy@library.wisc.edu.
2015 Pilot Awards

BASIC AND CLINICAL RESEARCH

Pilot Awards ($50,000 for one year)

- **Plasma Diacylglycerol Biomarker for Elevated Diabetes Risk in Overweight Subjects**
  - Collaborators: Rozalyn Anderson, PhD, UW SMPH
  - Co-Funding: UW Carbone Cancer Center, UW SMPH

- **Targeted Breast Cancer Imaging of Angiogenesis and Progesterone Receptor with MR-PET**
  - Collaborators: Amy Fowler, MD, PhD; Roberta Strigel, MD, MS, UW SMPH

Multi-scale Statistical Analysis of Networks: Applications to Group Analysis of Brain Probing Neuronal Complexity Deeper and Faster

- **Masatoshi Suzuki, DVD, PhD**, UW SMPH
  - Collaborators: Michael Repplinger, MD, MS, UW SMPH

- **Lingjun Li, PhD**, UW SMPH
  - Co-Funding: UW Carbone Cancer Center

Methods to Study Chemotherapy-Related Neurotoxicity in Children

- **Hrisanthish Ikonomidou, MD, PhD; Diane Puccetti, MD, UW SMPH**
  - Collaborators: Children’s Hospital of Wisconsin

Role of the Dentate Gyrus in Seizures and Cognitive Deficits

- **Matthew Jones, PhD; Rama Maganti, MD, UW SMPH**
  - Collaborator: Randall Ashton, UW COE

Fanconi Anemia/Bloom Dissolvasome Interaction Inhibitors as Novel Chemotherapeutics

- **James Keck, PhD, UW SMPH**
  - Collaborator: Randall Tibbetts, UW SMPH

Novel Imaging Mass Spectrometry-based Proteomics Technology to Identify Autism Biomarkers

- **Lingjun Li, PhD, UW SMPH**
  - Collaborator: Hrisanthish Ikonomidou, UW SMPH

Surveillance of Hospital Acquired Infections Using Natural Language (SHANL)

- **Enedia Mendonça, MD, PhD, UW SMPH**
  - Collaborator: Nasia Salidar, UW SMPH

The Role of Duration of Sleep-Disordered Breathing in Brain Injury

- **Paul Peppard, PhD, UW SMPH**
  - Collaborators: Sterling Johnson, Erika Hagen, UW SMPH

Contrast-Enhanced MRI to Diagnose Appendicitis: Translating a UW Protocol to a Community-Based Program with a Different Scanner Platform

- **Michael Replinger, MD, MS, UW SMPH**
  - Collaborator: Scott Reeder, UW SMPH; Marshfield Clinic

Alzheimer’s Disease and the Gut Microbiome

- **Federico Rey, PhD, UW SMPH**
  - Collaborator: Barbara B Bendinil, PhD, UW SMPH

Dual Modality Manganese-based Imaging for in vivo Stem Cell Tracking

- **Masatoshi Suzuki, DVD, PhD, UW SMPH**
  - Collaborator: Beth Meyerand, UW COE, UW SMPH

Generation of GnRH Neurons from Stem Cells

- **El Terasawa, PhD, UW SMPH**
  - Co-Funding: Wisconsin National Primate Research Center

Novel Methods Pilot Awards ($50,000 for one year)

- **IPS-Cardiomyocyte IK1-enhancement: Pathway to Electrical Maturation**
  - Collaborators: L Lee Eckhardt, MD, UW SMPH
  - Co-Funding: UW Stem Cell & Regenerative Medicine Center

- **In Vivo tau Imaging in Alzheimer’s Disease**
  - Collaborator: Brad Christian, UW SMPH

Vascular Control of Cerebral Blood Flow in Middle-aged Adults

- **William Schrage, PhD, UW SMPH**
  - Collaborator: Oliver Wieben, UW SMPH

2015 Pilot Awards

COMMUNITY ENGAGEMENT AND RESEARCH

Clinical and Community Outcomes Research Pilot Awards ($75,000 for 12 months)

- **Active Living after Cancer: Building a Physical Activity Intervention into Clinical Care for Breast and Colorectal Cancer Survivors in Wisconsin**
  - Collaborators: Amye Tevaarwerk, Mary Sesto, Greg Kennedy, Ron Gangnon, UW SMPH

Community Collaborators: Gilda’s Club, Madison; Breast Cancer Recovery

Co-Funding: UW Carbone Cancer Center

Big Data for Little Kids: Establishing Population Effectiveness of Maternal and Child Health Programs

- **Deborah Ehrenthal, MD, MPH, UW SMPH**
  - Collaborators: Eric Grodsky, Lawrence Berger, UW L&I; Donna Fiedsam, UW SMPH

Community Collaborators: Wisconsin Departments of Health Services and Public Instruction; Wisconsin Association for Perinatal Care; Madison Dane County Health Department; Milwaukee Health Department

Co-Funding: UW Carbone Cancer Center

Dissemination & Implementation Research Awards ($150,000 for 24 months)

Promoting Better Balance for Older Adults: Disseminating Tai Chi Through Community Organizations

- **Betty Cheining, PhD, SOP**
  - Collaborators: Kristi Hallisy, UW SMPH

Community Collaborators: Clark County Aging Department; Greenwood and Loyal Housing Authorities

My Life, My Dialysis Choice: A Decision and Patient/Nephrologist Communication Tool

- **Margaret Wise, PhD, UW SOP**
  - Collaborators: Michelle Chui, UW SOP; Jane Mahoney, UW SMPH

Community Collaborators: Clark County Aging Department; Greenwood and Loyal Housing Authorities

Dissemination in Home Visiting Programs: Dissemination/Implementation of the Evidence Based Mother-Infant Therapy Group

- **Roseanne Clark, PhD, UW SMPH**
  - Collaborators: Jane Mahoney, Kristi Hallisy, UW SMPH

Community Collaborators: La Crosse County Aging Unit; Goodman Community Center; Milwaukee County Department on Aging; Safe Communities

Addressing Postpartum Depression in Wisconsin Home Visiting Programs: Dissemination/Implementation of the Evidence Based Mother-Infant Therapy Group

- **Karen Patterson, UW SMPH**
  - Collaborators: Mino Maajisewin Home; Racine County Human Services Exchange Program; Racine County and Brown County Home Visiting

Patient-Centered Outcomes Research Awards ($100,000 for one year)

Improving the Care of Children with Spinal Muscular Atrophy

- **Matthew Halinski, MD, SMPH**
  - Collaborators: Mary Schroth, Karen Patterson, UW SMPH

Community Collaborators: Families of Spinal Muscular Atrophy; UW Hospitals and Clinics
KL2 Alumni Honored by Campus Committee

Earlise Ward, PhD, associate professor of Nursing and an alumni of the UW ICTR KL2 Scholars program (ictr.wisc.edu/Ward), has been named one of seven ‘Outstanding Women of Color for 2015-2016’ on the UW Madison campus. These awards were created in 2007 to recognize students, faculty, and staff for their service to the community in the areas of social justice; advocacy for disadvantaged and/or marginalized populations; scholarly research, writing, speaking and/or teaching about race, ethnicity and indigeneity in American society; and community building to create an inclusive and respectful environment on or off campus.

Ward’s research focuses on developing and testing culturally appropriate mental health interventions for African American adults with depression. Her work relies on partnerships with African American churches and community centers in Madison and Milwaukee as part of its recruitment strategy. She is currently a research investigator with the ICTR Collaborative Center for Health Equity (CCHE) where she contributes to the annual Health Equity Leadership Institute (HELI) as a faculty advisor for planning and evaluation, and as a National Research Mentoring Network (NRMN) master mentor.

HS-IRBs Office Offers Online Resources

The University of Wisconsin Health Sciences Institutional Review Boards (HS-IRBs) office has a comprehensive website (kb.wisc.edu/hsirbs/) including information helpful for human subjects researchers including information on upcoming workshops, FAQs on using the ARROW system and completing IRB applications, and policies and guidance. The website also includes a section for new investigators that guides those new to IRB applications through the review process (kb.wisc.edu/hsirbs/23426).

Investigators with questions about human subjects research are encouraged to contact the office by phone (608) 263-2362, email (asktheirb@medicine.wisc.edu), or through their online ticketing system (kb.wisc.edu/hsirbs/20859).

Save the Date

The UW Department of Biostatistics & Medical Informatics announces the inaugural DAVID L. DEMETS LECTURES IN HEALTH AND QUANTITATIVE INVESTIGATION

**SPEAKER:** Thomas Fleming, PhD

**LECTURE 1:** Thurs, Nov 12, 3:30 to 4:45 pm
1306 HSCL
Reception following (HSLC Atrium)

**LECTURE 2:** Fri, Nov 13, 12:00 to 1:00 pm
Biotechnology Center Auditorium

Fleming, professor of Biostatistics and Statistics at the University of Washington (Seattle), will speak on scientific and regulatory issues in the design, conduct, and analysis of clinical trials. Fleming has a special interest in survival analysis.

The DeMets Lectures were established to honor David L. DeMets, PhD, former chair of the UW Department of Biostatistics & Medical Informatics and a UW ICTR assistant executive director. DeMets is an international leader in statistical research and methods for the analysis of clinical trials including the conduct of Data Safety and Monitoring Committees.

The Marshfield Report... Continued from page 2

“The community health worker model engages workers in helping to solve health and safety issues on the farm and creates an important opportunity for worker-management interaction, while bridging cultural and language barriers,” Keifer notes. “We are testing to see if it has measurable impact on health and safety on dairy farms – and so far, our data suggest that it does.”

The project is supported by the Upper Midwest Agricultural Safety and Health Center, a center funded by the National Institute for Occupational Safety and Health and has been facilitated through support from the ICTR Community Engagement and Research Core at MCRF.

(Adapted from an online article on the MCRF news site, published June 19, 2015; www.marshfieldresearch.org/News/nfmc-migrant-clinicians-network-receive-research-collaboration-award-from-national-safety-council)

MCRF/National Farm Medicine Center community outreach trainer, Yurany Ninco Sanchez, a registered nurse, talks with workers at a Wisconsin dairy about the curriculum they will be trained to share with their Spanish-speaking co-workers. (Photo courtesy Amy Liebman).