The Role of PBRNs in Practice Improvement and Transformation
Perry Dickinson, MD
Thursday, September 16 8:10-8:40 am
With the implementation of the Patient Centered Medical Home, meaningful use criteria, and other types of practice redesign, this is a period of change for primary care practices. This session will discuss the possible role that PBRNs can have in assisting practices in such practice improvement efforts.

Perry Dickinson, M.D., is Professor in the Department of Family Medicine of the University of Colorado Health Sciences Center. He is currently the President of the North American Primary Care Research Group (NAPCRG) and President of the Board of Directors of the Annals of Family Medicine, Inc. Dr. Dickinson has worked on multiple studies investigating the process of practice redesign, particularly focusing on the impact of practice organizational features on practice change efforts and on the use of elements of the chronic care model in primary care practices. He also is involved in a number of projects developing health information technology tools to support aspects of patient health behavior change and chronic care, including the Connection to Health project.

A Message from the WREN Director

Welcome to WREN’s annual Wisconsin Primary Care Research & Quality Improvement Forum! This year, we are happy to welcome guest speaker Perry Dickinson, MD, who will talk about the role practice-based research networks like WREN can play in practice redesign, and Dr. Bill Costerton who will present Thursday’s morning plenary on biofilms. Later in the day we will learn about the Community Academic Partnership Core of the UW Institute for Clinical and Translational Research from Dr. Maureen Smith, and on Friday, Dr. Bruce Barrett will start us off with a presentation on shared decision making.

We have a very interesting line-up of oral presentations on both days of the conference that cover great variety of primary care topics including improving diabetes care, predictors of the common cold, and influenza surveillance in family practice settings, to name a few. Finally we have three workshops focusing on traumatic brain injury, motivational interviewing, and the impact of using electronic health records on patient care, respectively. Please make sure to check out the poster presentations as well!

We hope you enjoy this opportunity to both learn more about the many primary care research and QI projects happening around the state, and to network and catch up with others doing this important work in Wisconsin.

Paul Smith
WREN Director

Plenary and Guest Speaker Sessions
Device-related and other chronic biofilm infections
William Costerton, PhD
Thursday, September 16 8:40–9:40 am
Dr. Costerton will speak about biofilms and how slime enclosed bacteria cause chronic infections in humans. Sixty–five percent of human bacterial problems in the developed world are caused by biofilms that are notoriously resistant to antibiotic therapy and host defense mechanisms. Dr. Costerton will discuss how we can prevent biofilm formation, mitigate the inflammatory processes by which they damage tissues, and even disperse their cells and make them susceptible to antibiotics and host defenses.

ICTR-CAP and Translational Research in Primary Care
Maureen Smith, MD, MPH, PhD
Thursday, September 16 1:00–2:00 pm
This talk will discuss ICTR-CAP and translational research in primary care in Wisconsin, including examples of ICTR-CAP pilot projects that have a focus on primary care.

Randomized trials, clinical significance & shared decision-making: Respiratory infection and beyond
Bruce Barrett, MD, PhD
Friday, September 16 8:40–9:40 am
Randomized controlled trials provide estimates of the likelihood and magnitude of effects attributable to interventions. Most trials are focused on potential benefits, but increasingly include measures of harms (side effects and adverse events). Sadly, even the most well-proven medical interventions provide limited benefit, and are accompanied by costs and risks. A goal of shared decision-making is to provide patients with accurate and understandable information about both benefits and harms, and to assist them in making decisions about health care choices. Using examples from his own research in respiratory infection, and invoking the concept of “minimal important difference,” Dr. Barrett will provide listeners with some basic principles and practices to empower them to better understand and communicate the findings of patient-oriented research.
### Thursday, September 16

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<tr>
<td>7:30–8:00 am</td>
<td>Breakfast (Room A)</td>
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<td>8:00–9:40 am</td>
<td>Welcome and Morning Plenary (Rooms B and C)</td>
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| 8:00–8:10 am  | Welcome and Introductions  
*Paul Smith, WREN Director*                |
| 8:10–8:40 am  | The Role of PBRNs in Practice Improvement and Transformation  
*Perry Dickinson, MD*             |
| 8:40–9:40 am  | Morning Plenary Session  
Device-related and other chronic biofilm infections  
*William Costerton, PhD*         |
| 9:40–10:00 am | Morning Break (Room A)                                                                    |
| 10:00–12:00   | Research and Quality Improvement Presentations (Rooms B and C)                            |
| 10:00–10:20 am| Room B  
The Wisconsin Collaborative Diabetes Quality Improvement Project: Effective Statewide Collaboration  
*Kristin Gallagher*                     |
| 10:20–10:40 am| Room C  
Effectiveness of a Wilderness First Aid Course  
*Phillip Deming*                      |
| 10:00–10:20 am| Room B  
A Quality Improvement Study on Adolescent Immunization at a Central Wisconsin Family Practice Residency Clinic  
*Amy Ewan*                            |
| 10:20–10:40 am| Room C  
The Differential Diagnosis of Pulmonary Blastomycosis in Wisconsin  
*Dennis Baumgardner*                  |
| 10:40–11:00 am| Room B  
Facemask use by patients in primary care  
*Jessica Tischendorf*                  |
| 10:40–11:00 am| Room C  
In Depth Analysis of Information Flow and Hospital Follow-up Visits  
*Tosha Wetterneck*                    |
| 10:40–11:00 am| Room B  
Workflow Schmerkflow  
*Jamie Lapin and Daniel Krueger*        |
| 11:00–11:20 am| Room C  
Macrolide treatment for “Chlamydial asthma”: Evidence for enrollment bias in an effectiveness trial  
*David Hahn*                          |
| 11:20–11:40 am| Room B  
Qualitative aspects of treatment with prolotherapy for knee osteoarthritis in a multi-method study  
*Lane Benes*                          |
| 11:20–11:40 am| Room C  
Clinical Predictors of Severity and Duration of the Common Cold  
*Joshua Taylor*                       |
| 11:40–12:00 pm| Room B  
An assessment of racial disparity in rates of possible risk factors for H1N1 associated hospitalization: Dane County, WI  
*Jessica Tischendorf*                  |
| 11:40–12:00 pm| Room C  
Electronic Surveillance for Seasonal and Pandemic Influenza in Family Practice Settings  
*Jonathan Temte*                      |
| 12:00–1:00 pm | Lunch (Room A)                                                                            |
| 1:00–2:00 pm  | Afternoon Plenary (Rooms B and C)                                                        |
| 1:00–2:00 pm  | ICTR–CAP and Translational Research in Primary Care  
*Maureen Smith, MD, MPH, PhD*         |
| 2:10–3:40 pm  | Workshop and Panel Discussion Breakout Sessions (Rooms B and C)                          |
| 2:10–3:40 pm  | Room B  
Workshop: What are the unanswered questions regarding the impact of EHR use on patient care?  
*John Beasley*                         |
| 2:10–3:40 pm  | Room C  
Panel Discussion: The UW's Waisman Center: Overview of Research, Clinical, and Training Programs on Disabilities  
*Len Abbeduto, Jason Baker, Anita Bhattacharyya, Leann Smith* |
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<td>3:40–4:25 pm</td>
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<td>4:25–5:05 pm</td>
<td><strong>Research Presentations (Rooms B and C)</strong></td>
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<td>4:25–4:45 pm</td>
<td>WREN’s Collaboration with a Dental Network (PEARL)</td>
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<td><em>Mike Grasmick</em></td>
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<td>4:45–5:05 pm</td>
<td>Incidence of Eosinophilic Esophagitis in Marshfield Epidemiological</td>
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<td><em>Rajesh Kethireddy</em></td>
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<td>Outcomes of Community Clinic–based Deliveries in a Wisconsin Amish</td>
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<td><em>Laura Lynch</em></td>
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**Friday, September 17**

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<tr>
<td>7:00–8:00 am</td>
<td><strong>WREN Steering Committee Meeting (Boardroom)</strong></td>
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<td>7:30–8:30 am</td>
<td>Breakfast (Room A)</td>
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<td>8:30–9:40 am</td>
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<td>Welcome and Opening Remarks</td>
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<td><em>Bruce Barrett, MD, PhD</em></td>
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<td>9:50–10:50 am</td>
<td><strong>Workshops (Rooms B and C)</strong></td>
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<td>Traumatic Brain Injury (TBI) in Primary Care: The Need for a</td>
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<td><em>Thomas Tatlock</em></td>
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<td>Protocol for Post–acute Care Treatment</td>
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<td>Motivational Interviewing in Primary Care: What is it and how can it</td>
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<td><em>Celeste Hunter, Chris Casselman, Kim Schoen, Liz Bade</em></td>
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<td>10:50–11:10 am</td>
<td>Morning Break (Room A)</td>
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<td>11:10–12:10 am</td>
<td><strong>Research and Quality Improvement Presentations (Rooms B and C)</strong></td>
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<td>11:10–11:30 am</td>
<td>A tool for successful chronic pain management: a controlled</td>
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<td><em>Brian Arndt, Kimberly Arndt</em></td>
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<td>11:30–11:50 am</td>
<td>Demographic Snapshot of Motivational Interviewing for Health</td>
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<td><em>Ruth Perez</em></td>
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<td>11:50–12:10 pm</td>
<td>Trust and Technology Interaction in Primary Care</td>
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<td><em>Onur Asan</em></td>
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<td>12:10 pm</td>
<td>Adjourn</td>
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Maximum Lifetime Blood Lead Levels and Attention-Deficit/Hyperactivity Disorder Diagnosis in Children: Eastern Wisconsin, USA
Dennis J. Baumgardner

Information chaos in primary care: Implications for patient safety
John Beasley

Wisconsin Network for Health Research (WiNHR)
Deb Kruser

Using the charting tool, Smart Phrase, to improve the quality of care provided to patients with chronic pain
Alex Young

Implementing the Medical Office Survey on Patient Safety: Lessons from a successful WREN project
Peggy O'Halloran

WREN members...
- have access to WREN infrastructure
- help shape WREN's research agenda
- get a reduced rate to attend WREN annual meetings
- are eligible for a volunteer faculty appointment at the UW-Madison
- earn CME credits for attending annual meetings
- have the opportunity to present their research at the annual research forum
- have voting rights
- may serve on the WREN steering or advisory committees
- receive the quarterly newsletter

Sign up now! General membership is currently $100 annually. Affiliate and student memberships are free, but offer only a subset of the general member benefits.

For more information check out our display and register online at www.wren.wisc.edu.
Special Recognitions

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Elizabeth Bade, MD
Neil Bard, MD
Amy Barraclough, PA-C
Dennis Baumgardner, MD
Rebecca Beach, MD
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Curtis Olson, PhD
John Ostergaard, MD
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Michael Saunders, MD
Willard Schanhofer, MD
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Thomas Sinsky, MD
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Robert Smith, MD
Kenneth Steffen, DO
Ryan Stille, MD
Jean Stransky, PA-C
Brian Sullivan, MD
Jonathan Temte, MD, PhD
Jackie Tillett, CNM, ND
Heidi Townsend, MD
Paul Treder, APNP
John Wall, MD
Brian Wallace, MD
Kevin Whitney, MD
Stephan Wolk, PA-C
Cynthia Wozniczka, PA-C
Andrew Wright, MD
Steven Yale, MD
Alexander Young, MD

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2011 Wisconsin Primary Care Research and Quality Improvement Forum & Convocation of Practices

Meeting Sponsors

Thank you to our meeting sponsors Metastar, the Department of Family Medicine, UW-Madison School of Medicine and Public Health, and the UW-Madison Institute for Clinical and Translational Research.

Also, we would like to thank Drs. Leon Radant, Rebecca Beach, Steven Yale, and John Beasley for sponsoring a student to attend the forum this year.

DEPARTMENT OF FAMILY MEDICINE
University of Wisconsin School of Medicine and Public Health

UW ICTR

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