

**DEPARTMENT OF FAMILY MEDICINE
RESEARCH DIVISION MONTHLY REPORT
JANUARY 2005**

Research – Benjamin Crabtree, PhD

The vision of the **UMDNJ-RWJMS Family Medicine Research Division** is to develop and sustain a nurturing and productive research environment that fosters collaborative transdisciplinary approaches to promote the health of families and communities by improving quality of care and eliminating health-related disparities.

Message from the Director:

January brought a major milestone to the ULTRA project - the ULTRA project Outcomes team completed the collecting, scanning, and cleaning of baseline data for all 54 practices, including practice surveys, staff surveys, and nearly 5000 chart audits. One year follow-up data collection is in progress in many practices and two year follow-up data collection will begin shortly among the practices that began early in the study. **Wow! What an accomplishment!** This baseline data represents one of the most comprehensive cross-sectional sources of descriptive data that has ever been collected in family practices and provides an unprecedented opportunity for scholarly dissemination.

The RWJF Prescription for Health team continued its work on facilitating a supplemental issue of the Annals of Family Medicine (scheduled for the July/August 2005 issue). Deb Cohen was the lead author on a manuscript submitted in January that overviews the insights from the evaluation. Denise Young was a co-author with Tom Bodenheimer and investigators from UCSF on a submitted manuscript discussing the implications of conducting quality improvement work in PBRNs, and Ben Crabtree was a co-author on a manuscript submitted by members of the National Program Office describing the overall initiative. Ben Crabtree has been serving as the managing editor for 17 brief “lessons learned” manuscripts (two manuscript pages each) from each of the project teams. His job has been made “doable” by the incredible help he has received from Deb Cohen who “volunteered” to officially review many of these for the Annals – thank you Debbie!

In recognition of her hard work and evolving role in the ULTRA project and other activities in the Division, Karissa Hahn has been appointed as a Research Associate III. Congratulations Karissa!!

Our Cleveland colleagues, Kurt Stange, Sue Flocke, and Steve Zyzanski, launched their new NCI practice clinical trial, EPOCHS (Enhancing Practice Outcomes through Community and Healthcare Systems) which extends our collaborative program of research. An EPOCHS retreat was held in Cleveland on January 4-6, with Ben Crabtree, Will Miller, Reuben McDaniel, and Paul Nutting in attendance as consultants. This intervention continues MAP/RAP, but integrates Appreciative Inquiry into the RAP process.

Reuben McDaniel and Holly Lanaham visited the ULTRA team in mid-January from UT Austin to work on our emerging understanding of different attributes of relationships in practices. This work is leading towards a major synthesis paper, as well as a pragmatic summary for practices (Al Tallia is taking the lead on this for Family Practice Management).

Feeling that one trip to Cleveland in January was not enough, Ben Crabtree made a 2nd trip in late January (the day after the big snow) to attend an editorial team retreat for the Annals of Family Medicine.

Finally, the Division Research meetings featured session in which we reflected on Appreciative Inquiry and the potential for implementing it in the Division and a presentation by Kerry O’Rourke and Robert Cupryk on the UMDNJ Library Resources and Services

Benjamin F. Crabtree, Ph.D.
Professor and Director

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In Press

Aita V, McIlvain H, Backer E, McVea K, **Crabtree B**. "Patient-Centered care and communication in primary care practice: what is involved?" Patient Education and Counseling (in press).

Stroebel CK, McDaniel RR, **Crabtree BF**, Miller WL, Nutting PA, Stange KC. "Using Complexity Science to inform a reflective practice improvement process." Joint Commission Journal of Quality and Safety (in press)

Under Review

Baker EL, Gregory P, Jaen CR, **Crabtree BF**. "A Close Look at Adult Female Health Care Maintenance Visits." (submitted to Family Medicine).

Cifuentes M, Fernald DH, Green LA, Niebauer LJ, **Crabtree BF**, Stange KC, Hassmiller S. "Prescription for health: changing primary care practice to foster healthy behaviors." Annals of Family Medicine (under review).

Cohen DJ, Crabtree BF, Tallia AF, Young D: "Implementing health behavior change in primary care: Lessons from Prescription for Health." (under review at Annals of Family Medicine)

Crabtree BF, Miller WL, McDaniel RR, Stange KC, Nutting PA, Jaen CR. "Surprising insights from a program of research in primary care." JAMA (under review).

Flocke S, **Crabtree BF**, Stange KC. "Clinician Reflecting on Promotion of Healthy Behaviors in Primary Care Practice." (submitted to Preventive Medicine).

Crosson JC, C Stroebel C, Scott J, Stello B, Crabtree BF. "Implementing an electronic medical record in a family medicine practice: communication, decision-making, and conflict." (submitted to Annals of Family Medicine).

Bodenheimer T, **Young D**, Macgregor K, Holtrop J: "Practice-based research in primary care: facilitator or barrier to practice improvement?." (submitted to Annals of Family Medicine).

Scott, JG, Tallia, A, Crosson, JC, Orzano, AJ, Stroebel, C, DiCicco-Bloom, B, O'Malley, D, Shaw, E, Crabtree, BF. "Social Network Analysis as an analytic tool for interaction patterns in primary care practices." (submitted to Annals of Family Medicine)

In Process

Parchman ML, McDaniel RR, **Crabtree BF**. "Methodological implications of complexity theory for studying clinical microsystem redesign."

Leverence RR, Williams RL, Sussman A, **Crabtree BF**. "Obesity prevention and treatment: National guidelines through the viewfinder of clinicians in a US Southwest PBRN."

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In Process

Cohen D, Diccico Bloom B, Flocke S. “The complexities of weight loss counseling in the primary care visit.”

Cohen DJ, Leviton L, Tallia A, Crabtree BF, Young D. “Using online diaries as an evaluation tool: insights from prescription for health.”

Phillips RL, Dryer M, Weyer SM, Guirguis-Blake J, **Crabtree BF**, McNellis R, Johnson-Pawlson J. The direct observation of nurse practitioners and physician assistants in primary care practice: are there differences and do they matter? (to be submitted to BMJ).

Crosson JC, Ohman-Strickland P, Hahn K, Bass C, Shaw E, O’Connell ME, Crabtree BF. “Divergent views of physicians and staff regarding decision-making in family medicine practices.”

Crosson JC, Hahn K, Orzano J, Crabtree BF. “Electronic medical record usage and diabetes guideline adherence: results from primary care.”

DiCicco-Bloom B, O’Malley D, Shaw E, Crosson JC, Bass C. “Social capital among members of a family medicine practice.”

Hahn K, Ohman-Strickland P, Hamilton J, Nazareth T, Crabtree B. “Hyperlipidemia guideline adherence and the effects of and interaction between patient and physician gender.”

Hudson SV, Ohman-Strickland P, Ferrante J, Young D, Hahn K, Harris-Haywood S, Crabtree BF. “Organizational Factors Associated with Cancer Screening Disparities in Primary Care Settings.”

Hudson SV, Harris-Haywood S, Orzano AJ, Crabtree BF. “Recruitment of Minority Primary Care Community Practices into Practice-based Perspective.”

Hudson SV, Momperousse D, Leventhal H, Todd MB, Lu S. “Understanding Barriers to Cancer Clinical Trial Recruitment: A Physician Perspective.”

Scott JG, DiCicco-Bloom B, Stroebel C, Stello B, Crosson JC, O’Malley D, Shaw E, Bass C, O’Connell ME, Solberg L, Gilchrist V, Jaen C, Crabtree BF. "Food for thought: How pharmaceutical representatives influence primary care physicians."

Scott JG, DiCicco-Bloom B, Stello B, Crosson JC, O’Malley D, Shaw E, Bass C, O’Connell ME, Solberg L, Gilchrist V, Jaen C, Crabtree BF. "The Influence of pharmaceutical representatives on adherence to guidelines for treatment of hypertension."

Tallia A, Scott JG, Diccico-Bloom B, Orzano AJ, O’Malley D, Shaw E, Crosson JC, Crabtree B “Comparison of Genograms and Social Network Diagrams in the Analysis of Primary Care Practices.”

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Grants/Contract Related Activities

Pending

Crabtree, BF, PI: “Enhancing colorectal CA screening through learning teams”; funding agency: NCI; project amount: \$3,856,425 (priority score 150)

DiCicco-Bloom, B, PI: “Patterns of nurse-physician relationships”; funding agency: NINR; project amount: \$151,199 (priority score 162)

Swee, D., PI: “Academic Administrative Units in Primary Care”, competitive renewal, funding agency: HRSA; project amount: \$687,124 (direct costs).

Tallia, A., (subcontract PI): “Using learning teams for reflective adaptation for diabetes”; funding agency: NIDDK; subcontract project amount: \$315,363.

Active Grants

Cohen, D., PI: “Using illness visits to address health behavior advice”; funding agency: NCI with CWRU (subcontract); project amount: \$150,419 (rated at 1.2 percentile; funding to begin Fall 2004).

Crabtree BF. Institutional National Research Services Award (T32). HRSA , July 1, 2003 –June 30, 2008.

Crabtree BF. Trial to Enhance Adherence to Multiple Guidelines. National Heart, Lung, and Blood Institute, September 6, 2002 – August 31, 2007.

Crabtree, BF. Prescription for Health Independence Evaluation Unit. Robert Wood Johnson Foundation. January 2004-January 2007.

Crosson J. Co-Investigator/Director of Educational Research and Evaluation/Co-author. Enhancing preceptorship and education in family medicine. DHHS, HRSA.

Crosson JC (Co-Investigator). Translating Research into Action for Diabetes (TRIAD), CDC/NIDDK U58/CCU223529.

Hudson, SV (co-investigator), Department of Defense, Grant# DAMD17-01-1-0755, The Dean and Betty Gallo Prostate Cancer Center: Expansion Plan, 7/1/03 - 6/30/05, \$300,237, \$590,675, 5% Effort.

Hudson, SV (co-investigator), The Cancer Institute of New Jersey, Cancer Control & Prevention RFA Mechanism, Barriers and Incentives to Participation in Cancer Clinical Trials by New Jersey African Americans, Hispanics, and Medically Underserved Whites, 06/01/04 - 05/31/05, \$75,000, 2.5% Effort.

Hudson, SV (Pilot Project PI), DHHS, Project EXPORT, Addressing Cancer Disparities in NJ Communities, 9/30/04-9/29/07, \$860,034.

Orzano AJ, PI. Capacity in Organizational Research, AHRQ (K08 HS014018) Career Development Award, September 2004 – September 2008; Project amount : \$533,267

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Scott, John. Robert Wood Johnson Generalist Physician Faculty Scholars Program. "Balancing Priorities: Healing in the context of evidence-based medicine". July 2004 – June 2008.

Swee DE. Academic Administrative Units in Primary Care. HRSA, September 30, 2002 – August 31, 2005.

Abstract Submission:

Roemheld-Hamm B, Isaacson N: "Influenza Immunization Disparities in the Primary Care Office Setting" accepted for presentation at the 39th National Immunization Conference at the Hilton Washington, Washington, DC. (March 21-24, 2005)

Ohman-Strickland P, Crabtree B: "Modeling Systems With Varying Numbers of Inputs and Outputs: An Application to Cluster Randomized Trials ", accepted for presentation at CDC/ATSDR Conference, Bethesda, MD (Feb 28-March 2, 2005).

NRSA Fellowship Activities

Dr. Denise Young, a postdoctoral fellow, went to Jamaica on a Medical Mission, sponsored by OID (Organization for International Development). This organization provides free medical and dental care for remote, rural sections of third world countries in the Caribbean and Africa. Dr. Young, along with other doctors and various health professionals from the United States visited the island for one week. During that time, they provided free medications and examinations to parishes located on the eastern portion of the island.