

**DEPARTMENT OF FAMILY MEDICINE
RESEARCH DIVISION MONTHLY REPORT
MAY 2006**

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:

We are very pleased to announce the birth of Ethan Michael Hahn, 6 lbs 13 oz, 20 ¼ inch, born June 1, 2006 to Karissa Hahn. Congratulations, Karissa, we wish you well and look forward to having you back towards the end of the summer.

During the month of May, the Division hosted several outside speakers at our weekly division Meetings. **Lynn Clemow, PhD**, Assistant Professor of Behavioral Medicine in Medicine and Psychiatry at Columbia University described her work that explores the links between hypertension and anxiety disorders and tests the efficacy of psychosocial interventions in patients with cardiovascular disorders ranging from hypertension through ACS and CHF. Her pending NHLBI project tests the effect of home practice with a biofeedback device. **Alison Karasz, PhD**, Assistant Professor, Department of Family Medicine, Albert Einstein College of Medicine, whose background is in qualitative methods and cross cultural psychology, talked about "Methods for Development of Conceptual Models of Depression." **Darlene Robinson**, Office of Business Conduct, provided an update on new policies pertaining to travel, pre-approval protocols, disclosure, outside activities and ethical standards.

As part of our Robert Wood Johnson Foundation evaluation of the Prescription for Health (P4H) program, team members have begun site visits to all of the 10 funded P4H projects. Al Tallia traveled to Baton Rouge, LA for the site visit of the National Research Network's project, meeting with project investigators and visiting a solo family medicine practice participating in the project. Deb Cohen and Ben Crabtree went to Oklahoma City to meet with investigators and local staff from the OKPRN network project. Over the next several months one or more members of our team will visit other projects in New Hampshire, Virginia, New York City, Ohio, Texas, Michigan, Colorado, and North Carolina.

National collaborations continue from our participation in the AAFP funded Center for Research in Family Practice and Primary Care. Ben Crabtree joined other co-Directors of the Center in Cleveland (Drs. William Miller, Carlos Jaen, and Paul Nutting) to review the progress on Dr. Stange's NCI funded "Enhancing Practice Outcomes through Communities and Healthcare Systems" or EPOCHS. This project is using concepts from Appreciative Inquiry to help facilitators stimulate practice enhancements in cancer screening. The Center is also finalizing its role in doing an independent evaluation of the AAFP's new TransforMED initiative, which is seeking to fully implement the "New Model of Practice" in a highly motivated sample of practices from around the country. TransforMED Practices are being facilitated to integrate a wide range of state of the art information systems, practice management approaches, and collaborative team care. A three year contract is being finalized for Ben Crabtree and the other Center co-Directors to collect and analyze qualitative and quantitative data in order to

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disseminate the results of this National Demonstration Project.

The Research Division faculty held an all-day planning retreat in late May to brainstorm each faculty member's emerging goals and to identify and coordinate future funding options that are optimal for both the Division and individual faculty members. This planning was seen as particularly important as the NHLBI R01 (ULTRA) heads into its fifth and final year starting this September and replacement funding is needed to maintain our current resources. Faculty members were able to generate a grant submission timeline that is both feasible and that will expand or cement existing collaborations. In the short-term, these include a Lance Armstrong Foundation grant due June 30, 2006 (Regina Cunningham), an R01 to the National Institute for Nursing Research due October 1, 2006 (Barbara DiCicco-Bloom), an NCI career development grant (K08) resubmission due November 1, 2006 (Deborah Cohen), and a NCI minority investigator career development grant (K01) due in February, 2007 (Shawna Hudson). Longer term, John Scott and Regina Cunningham will plan on developing a R01 project looking at cancer survivors and Beatrix Hamm will seek continuation of her work with the National Board of Medical Examiners. We are also looking into the best timing for a R25 infrastructure application focused on cancer survivors and a large P50 submission that integrates multiple large projects under a single umbrella. This faculty retreat is considered part of a longer Division wide process in which we discuss the core resources that will be required in the future to match these future faculty projects.

The investigative team for the NCI funded SCOPE project hosted a very successful "learning session" that brought together clinicians and staff from six practices participating in the SCOPE grant. The learning session was held at CINJ in New Brunswick and included both didactic sessions and opportunities for practice members to reflect together. Durado Brooks, MD, MPH, Director, Prostate and Colorectal Cancer, American Cancer Society, was a featured speaker who outlined "Comprehensive Cancer Screening in the Primary Care Context" and "Colorectal Cancer: Challenges and Opportunities." Michelle Tropper of the American Cancer Society overviewed some of the resources available through the ACS while Regina Cunningham summarized some of the resources available through CINJ. Participants were provided with access to different options for integrating cancer screening into their practices and received either CME or CEU for their participation. Paul Nutting, MD, MSPH also attended the session as an observer, note-taker, and consultant. RWJMS Faculty and staff participating in this learning session included: Eric Shaw, Regina Cunningham, Ben Crabtree, Sabrina Chase, Anna Looney, Barbara DiCicco-Bloom, Alfred Tallia, Shawna Hudson, Terry Falco, Enid Cruz, Oliver Lontok, and Debra Lancaster. A second follow-up learning session with these same practices is scheduled for July 22.

Sabrina Chase has a contract with Radcliff Publishing to publish a book based on her dissertation research on HIV experiences of Puerto Rican women. The book, tentatively titled Resourceful Women: Surviving HIV/AIDS and the Urban Health Care System, will be designed primarily for use in diverse medically-oriented classroom settings.

Benjamin F. Crabtree, Ph.D.

Professor and Director

New Jersey Family Medicine Research Network (NJFMRN)

The Network although young is striving to develop its infrastructure and strong place in New Jersey and

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with PBRN's across the country. The Rules of Governance and Mission Statement have been carefully crafted and objectives include establishing a community of practice for creating and managing knowledge that informs, serves, and improves primary care practices and the health of their patients in New Jersey

Dr. Spierer and Terry Falco met with Paul Amitrani, Esq., one of the consumer representatives on the Governor's Medical Care Availability Task Force. Mr. Amitrani stated that the task force has been charged with studying, "The impact of third party reimbursement policies by insurers and health maintenance organizations on access to health care services in the context of the current affordability crisis in the state affecting health care providers in the purchase of necessary liability insurance". Discussion focused on primary care medicine and the difficulty practices have delivering patient care and surviving in the current managed care climate.

Mid month, Terry Falco and Dr. Spierer traveled to Bethesda, Maryland and participated in the AHRQ National Research Conference. Participants in the conference included directors and coordinators of PBRN's; AHRQ's Federal and Foundation partners, network clinicians and researchers and their staffs. The NJFMRN is a registered member of the PBRN Resource Center of AHRQ.

Upcoming events for the Network include the NJFMRN Board Meeting in July and the Annual Practice Convocation in early Fall.

Publication

Backer EL, Gregory P, Jaen CR, **Crabtree BF**. A Close Look at Adult Female Health Care Maintenance Visits. Family Medicine 2006 May;38(5):355-60.

Cohen DJ, Leviton L, **Tallia A**, **Crabtree BF**, **Isaacson, N**. Using online diaries as an evaluation tool: insights from prescription for health. American Journal of Evaluation 2006 27(2): 163-84.

Hung DY, Rundall TG, **Crabtree BF**, **Tallia AF**, **Cohen D**, Halpin, HA. Influence of Practice and Provider Attributes on Preventive Service Delivery" American Journal of Preventive Medicine 2006 May;30(5):413-22.

Stange KC, Miller WL, McLellan LA, Gotler RS, Phillips WR, Acheson LS, **Crabtree BF**, Zyzanski SJ, Nutting PS. Annals Journal Club: It's Time to Get RADICAL. Ann Fam Med 2006 May-June;4(3):196-7.

In Press

Hahn K, Ohman-Strickland P, Hamilton J, Scott J, Nazareth T, Crabtree B.

"Hyperlipidemia guideline adherence and the effects of patient gender." Journal of Women's Health (in press)

Ohman-Strickland P, Orzano AJ, Nutting PA, Dickinson WP, Scott-Cawiezell J, **Hahn K, Gibel M, Crabtree BF**. Measuring Organizational Attributes of Primary Care Practices: Development of a New Instrument, A New Study in the New Jersey Family Physicians Research Network. Health Services Research (in press).

Hroskosc MC, Solberg LI, Sperl-Hillen, JM, Harper P, **Crabtree BF**. The challenges of change: implementing the chronic care model. Annals of Family Medicine (in press).

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Hudson SV, Harris-Haywood S, Stange KC, **Orzano AJ**, **Crabtree BF**. Recruiting Minority Primary Care Practices into Practice-Based Research. *Medical Care* (in press).

Hung DY, Rundall TG, **Tallia AF**, **Cohen DJ**, **Crabtree BF**. Productivity and turnover in primary care practice: the role of staff participation in decision making. *Medical Care* (in press).

Isaacson N. An Overview of the Role of Sexual Health Organizations, Corporations, and Government in Determining Content and Access to Online Sexuality Education for Adolescents. *Sexuality Research and Social Policy* (in press)

Katerndahl D, **Crabtree BF**. Creating Innovative Research methods: The 10-Year Methodological Think Tank Experience. *Annals of Family Medicine* (in press).

Nutting PA, Dickinson WP, Dickinson LM, Nelson CC, King DK, **Crabtree BF**, Glasgow RE. Use of Chronic Care Model Elements Is Associated with Higher Quality Care for Diabetes. *Annals of Family Medicine* (in press).

Sussman A, Williams RL, Leverence R, Gloyd PW, **Crabtree BF**. The Art and Complexity of Primary Care Clinicians' Preventive Counseling Decisions. *Annals of Family Medicine* (in press).

Under Review

Cohen D, **DiCicco-Bloom B**, Flocke S. "The nature of weight loss counseling in the primary care visit." (under review - *Annals of Family Medicine*)

Ferrante J, **Hahn K**, **Hudson S**, **Ohman-Strickland P**, **Scott J**, **Crabtree B**. "Colorectal Cancer Screening Among Obese patients in Primary Care Practices" (under review - *Cancer Detection and Prevention*)

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

DiCicco-Bloom, B, **Frederickson K**, **O'Malley D**, **Shaw E**, **Crosson J**: "Concept Development: Social Capital Within a Complex Adaptive System Framework" (submitted for review: *Journal of Nursing Scholarship*)

Isaacson N: "The Promise and Potential Problems of Online Sexuality Education for Adolescents" (revisions requested – *Sexuality Research and Social Policy*)

Lanham HJ, McDaniel RR, **Crabtree BF**, Miller WL, Stange KC, **Tallia AF**, Nutting PA. Work relationships in primary care practices. (under review – *Social Science & Medicine*).

Leverence RR, Williams RL, Sussman A, **Crabtree BF**. Obesity guidelines through the viewfinder of clinicians practicing in health disparity communities: A qualitative assessment.

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(under review – JAMA).

In Process

Balasubramanian BA, Orzano AJ, Ohman Strickland P, Hudson SV, Tallia AF, Crabtree BF. The impact of a quality improvement intervention in primary care practices on staff turnover.

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, DiCicco-Bloom B, Shaw E, O’Malley D, Crabtree BF. “Electronic medical records and adherence to diabetes guidelines in primary care: a multimethod comparative case study.”

DiCicco-Bloom B, O’Malley D, Shaw E, Crosson JC, Bass C, Miller WF, McDaniel R. “The extension of the jazz metaphor to understand relationships among members of family medicine practices.”

DiCicco-Bloom B, O’Malley D, Shaw E, Crosson JC, Bass C. Frederickson, K. “The development of the concept social capital within the complexity science framework.”

Hahn K, Ferrante J, Crosson J, Hudson S, Crabtree B. "Associations of chronic disease flow sheet use with guideline adherence."

Hudson SV, Ferrante J, Ohman-Strickland P, Crabtree BF. "Primary care team versus individual provider impact on colorectal screening."

Hudson, SV, Bates, D. “Coder Reliability and Qualitative Software” in *When Methods Meet Technology: Qualitative Data Analysis using Computer-Assisted Software*, edited by R. Maietta and S. Hesse-Biber. Thousand Oaks, CA: Sage Publications.

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, Ohman-Strickland P, Lu-Yao G, Ferrante J, Cunningham R. **Orzano AJ, Crabtree BF.** “Prostate-specific antigen screening in primary care practices.”

Hung, DY, Rundall, TG, **Crabtree, BF, Tallia, AF, Cohen, DJ.** “Preventive Care Processes for Health Behaviors: Application of the Chronic Care Model in Primary Care Practice.”

Looney JA, Shaw E, Chase S, Stello B, Crabtree BF. "Passing the Torch in Quality Improvement Trials."

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

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?

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."

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."

Shaw E, Looney JA, Chase S, Stello B, **Crabtree BF**. "In the Moment: An Analysis of Facilitator Impact during a Quality Improvement Process."

Sussman A, Williams RL, Leverence R, Gloyd PW, **Crabtree BF**. "Using Self Determination Theory to Explain Clinical Decision Making in Primary Care"

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."

Abstract Submission

JC Crosson, B Balasubramanian, M Roland, RL Phillips, A Bazemore, M Doodoo, C Fullwood, T Doran, **AF Tallia, JG Scott**. A comparison of US and UK family medicine practices using two pay-for-performance standards. (submitted for presentation at 2006 Annual NAPCRG conference)

Balasubramanian BA, Tallia AF, Scott JG, Ohman Strickland P, Miller WF, **Crabtree BF**. Multimorbidity in Diabetic Patients and Adherence to Screening Guidelines in Primary Care. (submitted for presentation at the 2006 Annual NAPCRG conference)

Stange KC, **Crabtree BF**, Miller WL. Developing Integrated Approaches to Reporting Mixed Methods Research. Workshop abstract. (submitted for presentation at the 2006 Annual NAPCRG conference)

Ferrante JM, Chen P, Wartenberg D. "The effect of physician recommendation and patient adherence on cancer screening in Obese Women." (submitted for presentation at 2006 Annual NAPCRG conference)

Ferrante JM, Hahn KA, Hudson SV, Ohman-Strickland P, Scott JG, Crabtree BF. "Colorectal cancer screening among obese patients in primary care practices" (submitted for presentation at 2006

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Annual NAPCRG conference)

Hudson SV, Ohman Strickland P, Ferrante JM, Hahn K, Cunningham R, Crabtree BF. “The effects of teamwork and reminders on colorectal cancer screening in primary care practices” (submitted for presentation at 2006 Annual NAPCRG conference)

Ohman Strickland P, Orzano J, Tallia A, Hudson SV, Balasubramanian B, Crabtree BF. “Diabetes care in family medicine practices with nurse practitioners and physician assistants” (submitted for presentation at the 2006 Annual NAPCRG conference)

Orzano AJ, Tallia A, McInerney C, Scharf D, Crabtree BF. “Knowledge Management and Enhanced Practice Performance: An Exploratory Qualitative Data Analysis”(submitted for presentation at 2006 Annual NAPCRG conference)

Presentation:

Ferrante JM, **Hahn K, Hudson SV, Ohman-Strickland P, Crabtree BF.** (2006) Colorectal Cancer Screening among Obese Patients in Family Medicine Practices. Poster presented at the 2006 Annual Retreat on Cancer Research in New Jersey, Piscataway, NJ, May 2006.

Natale-Pereira A, Vega ML, Mouzon D, King C, McLaughlin C, **Hudson S**, Salas Lopez D. (2006) A Community Collaboration to Improve Colorectal Cancer Screening and Education for Older Minorities in the City of Newark, NJ. Poster presented at the 2006 Annual Retreat on Cancer Research in New Jersey, Piscataway, NJ, May 2006.

Jennifer L. Hamilton, Beatrix Roemheld-Hamm, Denise Young, Mihai Jalba, Barbara DiCicco-Bloom, and Benjamin F. Crabtree. Organizational features of family medicine practices which include CAM. North American Research Conference on Complementary and Integrative Medicine, Edmonton, May 2006.

Beatrix Roemheld-Hamm MD PhD, Jennifer L Hamilton MD PhD, Denise Young MD, Mihai Jalba MD PhD, Barbara DiCicco-Bloom, RN PhD, Benjamin Crabtree, PhD. Primary Care Delivery: Why Do Primary Care Practices Integrate IM? North American Research Conference on Complementary and Integrative Medicine, Edmonton, May 2006.

Grants/Contract Related Activities

Active Grants

Cohen, D., PI: “Using illness visits to address health behavior advice” National Cancer Institute with CWRU (subcontract); 2004-2008; total project subcontract costs: \$150,419.

This subcontract provides support for conversation analysis in a study which seeks to characterize the way a teachable moment arises and is constructed within physician-patient interaction and to evaluate the effectiveness of this strategy on patient recall of advice,

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motivation to modify behavior and change in health behavior.

Cohen D., PI. Prescription for Health Independence Evaluation Unit. Robert Wood Johnson Foundation; 2004-2008; total project costs: \$963,576.

This multiyear project is performing an ongoing content and process analysis of Robert Wood Johnson Foundation funded projects submitted by Practice Based Research Networks to the Prescription for Life: Promoting Health Behaviors Initiative. Methodologies include a comparative case analysis of projects, built on qualitative and quantitative data collected at the initiative, project, and practice levels.

Cohen, DJ: “Study of Determinants of High Quality Care in Family Practice Offices”, agreement, University of Chicago (PI Hickner); 2005; total project direct costs: \$12,352.

This supports a collaboration to provide on-site and off-site research data collection and analysis to document and assess the quality of care, organizational structure and function of the project as they relate to increasing and sustaining a high quality of care; and to understand the interpersonal relationships and processes within the practice.

Cohen, D, PI: “Using Qualitative Methods in Healthcare Research: A Comprehensive Guide for Designing, Writing, Reviewing and Reporting Qualitative Research,” Robert Wood Johnson Foundation (RWJF); 2005-2006; total project costs: \$33,894.

A one year project to collect and synthesize multiple sources in order to develop a web-based resource that will be an important resource to those with varying degrees of familiarity and experience with qualitative research methods.

Crabtree BF. Trial to Enhance Adherence to Multiple Guidelines. National Heart, Lung, and Blood Institute; 2002–2007; total project costs: \$3,722,849.

The major goal of this grant is to test a tailored practice level intervention strategy to simultaneously improve the delivery of care for diabetes, hypertension, and asthma and for tobacco and cholesterol screening. A group randomized clinical trial of practices is being used to test the intervention.

Crabtree, BF, PI: “Enhancing colorectal CA screening through learning teams,” National Cancer Institute; 2005 – 2010; total project costs: \$2,997,356.

This study evaluates a tailored practice-level MAP/RAP intervention that seeks to enhance relationships among practice members in order to improve rates of colorectal cancer screening in primary care practice.

Crabtree, BF, PI: “New Jersey Family Physicians Research Network – Cancer Center Support Grant”, 2005 – 2010; total project costs: \$806,348.

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This work supports the NJFPRN to offer investigators an opportunity to have direct access to community-based patients and physicians in order to translate research evidence into community-based primary care practices with a long-term vision of enhancing the quality of care patients receive in New Jersey.

Crosson, JC, PI: "Tests of Medicare's initial electronic prescribing standards in the New Jersey e-prescribing action coalition" Subcontract (D Bell, PI) Funding Agency: Agency for Healthcare Research and Quality/Center for Medicare and Medicaid Studies. January 1, 2006 – December 31, 2006. Project total cost: \$173,093

This subcontract is to examine the effect of e-prescribing on workflow and organizational function in 12 primary care practices in New Jersey. The goal of the larger project is to provide evidence for the Department of Health and Human Services to use when setting policy regarding electronic prescribing standards.

DiCicco-Bloom, B. Institutional National Research Services Award (T32). Health Resources and Service Administration, 2003–2008; total project costs: \$1,319,174.

The NRSA fellowship seeks to produce researchers who: 1) are knowledgeable about national, state, and local health promotion and disease prevention; 2) are capable of investigating the appropriateness, effectiveness, and quality of health care in primary care settings; and 3) contribute to ongoing clinical and health policy research.

DiCicco-Bloom, B, PI: "Patterns of nurse-physician relationships". Funding Agency: National Institute of Nursing Research (NINR); 2005–2007; total project costs: \$151,199.

This study aims to 1) describe the presence of social capital and 2) describe the presence of movement in conceptual space among nurses and physicians in primary care practices and determine their association with standards of chronic illness care.

Hudson, SV (Pilot Project PI), DHHS, Project EXPORT, Addressing Cancer Disparities in NJ Communities, 9/30/04-9/29/07; total project costs: \$1.2 million.

This three year grant focuses on development of resources and infrastructure needed for cancer research, training, community education and outreach. It focuses on conducting health disparities research designed to reduce cancer rates among minorities in New Jersey and to increase the participation of African-Americans, Latinos and other health disparity groups in biomedical and behavioral research as well as prevention and intervention activities.

Orzano AJ, PI. Capacity in Organizational Research, AHRQ (K08 HS014018) Career Development Award; 2004 – 2008; total project costs: \$435,219.

This grant supports a variety of educational strategies designed to make Dr. Orzano an expert in relevant organizational performance measure and to enhance his skills in survey and

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multimethod research approaches.

Roemheld-Hamm, B., PI: “National Needs Assessment: Problem Physician Early Warning System”, subcontract with National Board of Medical Examiners, Funding agency: Robert Wood Johnson Foundation; 2005–2006; Subcontract total costs: \$150,453.

A subcontract that seeks to develop an evidence-based early warning system to identify and remediate at-risk practitioners who are at a high probability of causing harm to the public.

Scott, JG, PI. Robert Wood Johnson Generalist Physician Faculty Scholars Program, “Balancing Priorities: Healing in the context of evidence-based medicine”; Robert Wood Johnson Foundation; 2004 – 2008; total project costs: \$300,000.

This grant supports Dr. Scott to explore how the doctor-patient relationship promotes patient healing.

Tallia, A.F., PI: “Academic Administrative Units in Primary Care”, 1 R18 DK067083-01A2, Health Resources and Services Administration; September 2005 – August 2008; total project costs: \$741,915.

The major goals of the grant are to: 1) develop a state-wide quality of care research network; 2) support a critical mass of family medicine researchers, and 3) build the infrastructure necessary to support and sustain network-based quality of care research and primary care practice improvement research productivity.

Tallia, A., (subcontract PI): “Using learning teams for reflective adaptation for diabetes”; NIDDK; September 2005 – August 2010) subcontract project amount: \$315,363

A subcontract that will compare the magnitude and timing of the intervention effects with a state of the art quality improvement effort that focuses on diabetes.

Pending grant applications (submitted)

Crabtree, B.F., PI: "Practice Redesign to Improve Depression Care – PRIDE Care" (subcontract), Funding agency: NIMH; 2006-2010; Project total costs: \$167,732.

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This subcontract will assist the main study in a group randomized trial To evaluate a Chronic Care Improvement intervention for implementing and sustaining chronic care office systems to improve depression care in 36 small, semi-autonomous, mixed-payer community-based primary care practices.

Crosson, JC, PI: "Electronic Medical Record Usage and Health Care Quality in Primary Care" (R 03 proposal), Funding Agency: AHRQ; September 2006 – August 2007, Project total cost: \$100,000.

To determine what organizational attributes and capacities of EMR-using primary care practices are associated with higher quality care for patients with hypertension and diabetes in order to identify potential intervention targets for a clinical trial of effective methods for using EMRs to improve the quality of care received by patients with chronic illnesses in primary care practices.