

**DEPARTMENT OF FAMILY MEDICINE
RESEARCH DIVISION MONTHLY REPORT
OCTOBER 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:

Dr. Shawna Hudson received a \$1,000 Cancer Research Scholarship for Behavioral Scientists from the American Cancer Society and American Association for Cancer Research (AACR). The scholarship will be used by Dr. Hudson to attend the AACR Frontiers in Cancer Prevention Research meeting in Boston, November 12-15, 2006.

The NCI funded Project SCOPE is nearing the final recruitment target of 27 practices. Data collection in these Wave II practices has already begun. Research team members Enid Cruz and Rohini Navalekar have already begun going into practices to recruit 30 patients in the waiting room, as well as to collect the project surveys from practice members. Project facilitators, Oliver Lontok and Deb Lancaster, continue to prepare for the practice intervention.

The Research Division welcomes Cheryl Humbles who joined our team as a Senior Technical Assistant on October 9, 2006. Ms. Humbles will be reviewing charts for the ULTRA and SCOPE projects. Previously, Ms. Humbles worked as a Senior LPN at UMDNJ Patient Care at Hillsborough, NJ.

The Division was privileged to welcome Wilson Pace, MD as a speaker in October. Dr. Pace is a Professor of Family Medicine and the Green-Edelman Chair for Practice-based Research at the University of Colorado. He is the Director of the American Academy of Family Physicians National Research Network. He also directs SNOCAP, a consortium of practice-based research networks within the University of Colorado. Dr. Pace's research has focused on practice reorganization and patient safety. He leads a patient safety consortium within Colorado focused on improving care delivery in primary care offices as well as overseeing the AAFP Developing Center for Evaluation and Research in Patient Safety in Primary Care. His presentation was titled "Practice-based Research Networks: Challenges and Opportunities."

The Health Services Research Fellowship Program hosted Lucio Naccarella, PhD from the Department of General Practice, University of Melbourne. Dr. Lucio gave a presentation titled "A Relational Perspective on GP Work-Related Relationships."

The Research Division was well represented at the Annual North American Primary Care Research Group (NAPCRG) Conference in Tucson, Arizona. NAPCRG has become the premier conference for dissemination of primary care research internationally. At the 2006 conference, members of the division participated in 4 podium presentations, 6 posters presentations, and 1 90 minute workshop. Details of these presentations can be found below. Congratulations Team!

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Kudos also go to the Division for its ranking of 11th for NIH funding among Family Medicine departments nationally. It should be noted that less than \$25,000 separated the Division from the 7th ranked program. Further information on rankings can be found at:

http://grants2.nih.gov/grants/award/rank/MedSchool_Departments.cfm?Department

The final two of the 10 site visits to the projects funded by the RWJF Prescription for Health Initiative took place in October. Deb Cohen and Ben Crabtree visited Cleveland Ohio along with members of the National Program Office to better understand this RAP project that seeks to link primary care practices with community resources. Ben Crabtree also traveled to Denver to site visit the CareNet project that has developed a website to engage patients in health risk assessments. With the completion of the site visits, the Prescription for Health evaluation team will focus on data analysis and dissemination. Funding for this project continues until early 2009.

Ben Crabtree also participated in the 2nd Learning Session of practices that are participating in the AAFP's TransforMED initiative. Recall that this AAFP initiative is seeking to fully implement the "New Model of Practice" that was described in the Annals of Family Medicine and that our Division was selected to be the external evaluators of this \$8 million project. Other members of the evaluation team include William Miller, MD, MA (Lehigh Valley Hospital), Carlos Jaen, MD, PhD (UTHSC San Antonio), Paul Nutting, MD, MSPH (Colorado), and Kurt Stange (Case Western Reserve University). This contract continues until early 2009.

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

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New Jersey Family Medicine Research Network (NJFMRN)

Activities during October for the Network included: Bob Spierer, MD traveled to Rockville, Maryland to participate in the review process for AHRQ on contract submissions; Terry Falco attended the Internal Medicine Conference on “New Ways to Look at Old Problems” held at the Doral Forrestal Conference Center; Bob Spierer and Terry Falco met with Wilson Pace, MD; Professor of Family Medicine at the University of Colorado and Director of the AAFP National Research Network to brainstorm further development and enhancements for the New Jersey Family Research Network. Dr. Pace leads a patient safety consortium in Colorado that is focused on improving delivery of care in primary care offices, a key component in the NJFMRN Mission Statement.

During the month of October, new practices were recruited to the Network and Project SCOPE. Contact Eric Shaw, PhD; SCOPE Project Director at shawek@umdnj.edu or Terry Falco at falcote@umdnj.edu for information on participating in the colorectal project SCOPE.

SAVE THE DATE

NJFMRN Annual Practice Convocation

Saturday, November 18th NJFMRN Practice Convocation

Time - 8:30 am till 3 pm

Location - Cancer Institute of New Jersey

195 Little Albany Street

New Brunswick, New Jersey 08903

CME / CEU Credits

PRESENTATIONS: Promoting Healthy Lifestyles to Our Patients, Our Children and Ourselves by Practicing What We Teach - Jeff Levine, MD

Redesigning Office Workflow for EHR Implementation -
Family Residency Program, CentraState – David Swee, MD;
Maria Ciminelli, MD; Lynn Schwenger, MHSA and Karen Foster, RN

Contact Terry Falco at 732-743-3387 or falcote@umdnj.edu for further information on SCOPE, Practice Convocation and other Network projects.

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Published

Ferrante JM, **Ohman-Strickland P, Hudson SV, Hahn KA, Scott JG, Crabtree BF.** Colorectal cancer screening among obese versus non-obese patients in primary care practices. *Cancer Detect Prev.* 2006, Oct 24 [Epub ahead of print]

Hung DY, Rundall TG, **Cohen DJ, Tallia AF, Crabtree BF.** Productivity and turnover in PCPS: the role of staff participation in decision making. *Medical Care.* 2006 Oct; 44(10):946-51.

Katerndahl D, **Crabtree B.** Creating innovative research designs: the 10-Year Methodological Think Tank case study. *Ann Fam Med.* 2006, Sept-Oct; 4(5):443-9.

In Press

Balasubramanian BA, Gandhi SK, Demissie K, August DA, Kohler B, Osinubi O, Rhoads GG. Use of Adjuvant Systemic Therapy for Early Breast Cancer among Women 65 Years and Older. *Cancer Control* (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)

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." *Milbank Quarterly*, 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).

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

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).

Under Review

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Balasubramanian BA, Demissie K, Patel RC, Vyas VH, Rhoads GG. Cancer Incidence among Asian Indian Migrants in the United States, 1988-2001 (under review – Cancer, Causes, and Control)

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

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)

Leverence RR, Williams RL, Sussman A, **Crabtree BF**. Obesity guidelines through the viewfinder of clinicians practicing in health disparity communities: A qualitative assessment. (revisions requested – Am J Prev Med).

M Heisler, B Tabaei, R Ackerman, KV Narayan, B Waitzfelder, M Safford, C Tseng, K Duru, **JC Crosson**, B Herman, C Kim. Physicians' participatory decision-making and quality of diabetes care processes and outcomes: results from TRIAD. (under review. Journal of General Internal Medicine)

JC Crosson, PA Ohman-Strickland, KA Hahn, B DiCicco-Bloom, E Shaw, AJ Orzano, BF Crabtree. Use of electronic medical records is associated with lower quality diabetes care in primary care practices. (submitted August 1, under review). Annals of Family Medicine.

Salas-Lopez D, Mouzon DM, Cespedes LM, McLaughlin C, **Hudson SV**, Natale-Pereira A. “Evaluation of a Medical Interpreter Training Program for Bilingual Dual-Role Hospital Employees” (under review: Journal of General Internal Medicine).

Orzano AJ, Tallia AF, McInerney CR, McDaniel RR, Crabtree BF. Strategies for Developing a Knowledge-Driven Culture. (under review: J Family Practice Management).

Orzano AJ, Ohman Strickland P, Tallia AF, Hudson S, Balasubramanian, Nutting PA, Crabtree BF. Improving Outcomes for High Risk Diabetics: Practices’ Use of Information Systems.. (under review: J. American Board of Family Medicine)

Orzano AJ, McInerney CR, Tallia AF, Scharf D, Crabtree BF. Primary Care Practice and Knowledge Management: Development of the Concept and Implications for Enhancing Quality Care (under review Social Science & Medicine)

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

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practice: are there differences and do they matter? (revisions requested: Annals of Family Medicine).

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.

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

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."

JC Crosson, B Balasubramanian, P Ohman-Strickland, M Roland, RL Phillips, A Bazemore, M Dadoo, C Fullwood, T Doran, AF Tallia, JG Scott. A comparison of US and UK family medicine practices using UK pay-for-performance standards.

JC Crosson, P Ohman-Strickland, B Balasubramanian, M Roland, RL Phillips, A Bazemore, M Dadoo, C Fullwood, T Doran, AF Tallia, JG Scott. How do different P4P schemes sort ULTRA practices?

C Brazeau, **JC Crosson.** Observation of teaching in a third year clerkship: the hidden curriculum of patient care.

MS Johnson, S Rovi, **JC Crosson, L Boyd.** Offsite mentors program: an approach to increasing research capacity.

JC Crosson, S Johnson, C-W Tseng, B Swain, other TRIAD study group members. Clinician perceptions of why some patients with diabetes do better than others.

C-W Tseng, TRIAD study group, **JC Crosson.** Impact of cost on medication use and communications with physicians about cost among patients with diabetes.

JC Crosson, D Bell, N Isaacson, B DiCicco-Bloom, D Lancaster, EA MacDonald, T Schueth. Effect of electronic prescribing on workflow and work relationships in ambulatory practices.

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

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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.”

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

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

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

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Primary Care Practices.”

NAPCRG Conference Presentation

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. 2006 Annual NAPCRG conference.

Kurt C. Stange, MD, PhD, **Benjamin F. Crabtree, PhD**, William L. Miller, MD, “Developing Integrated Approaches to Reporting Mixed Methods Research.” 2006 Annual NAPCRG conference.

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

DiCicco-Bloom, B: Social Capital in Primary Care Practices and Implications for Patient Outcomes. 2006 Annual NAPCRG conference.

Salas-Lopez D, Mouzon DM, Cespedes LM, McLaughlin C, **Hudson SV**, Natale-Pereira A. “Evaluation of a Medical Interpreter Training Program for Bilingual Dual-Role Hospital Employees” 2006 Annual NAPCRG conference.

Shaw E, Looney JA, Chase S, Stello B, Navalekar R, Crabtree BF. "In the Moment: An Analysis of Facilitator Impact during a Quality Improvement Process." 2006 Annual NAPCRG conference.

Stange KC, **Crabtree BF**, Miller WL. Developing Integrated Approaches to Reporting Mixed Methods Research. Workshop at the 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” 2006 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” 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.” 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.” 2006 Annual NAPCRG conference.

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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, 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

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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.

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

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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.

Hudson SV, PI/Mentor. "Understanding Cancer Clinical Trial Barriers: training in survey design and measurement," New Jersey Commission on Cancer Research Summer Research Fellowship, 7/01/06-9/30/06, \$4,000

The goal of this project is to provide the mentee, Lydia Louis MPH, with mentored research experience focused on cancer health disparities. She will focus on barriers to cancer clinical trial recruitment and accrual and will gain experience in survey design as she develops a survey to measure barriers in an oncology setting.

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 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)

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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.

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.

DiCicco-Bloom, B, PI: "Expanding Nurse/Physician Relationships to Improve Diabetes Care".
Funding Agency: National Institute of Nursing Research (NINR)/National Institute for Diabetes and Digestive and Kidney Diseases; 2007-2012; total project costs: \$3,887,324.

This project is designed to build and sustain attributes of social capital among nurses and physicians to then improve overall practice relationships to enhance care of patients with diabetes. The integrated care processes that are the foundation of diabetes care make it an ideal condition for evaluating interventions seeking to enhance work relationships in primary care settings.

Crosson, JC, PI: "Organizational Self-Assessment to Improve Diabetes Care in Primary Care Practices" (R 34 proposal - resubmission), Funding agency: NIDDK; July 2007 - June 2009,
Project total cost: \$466,500 (submitted 11/1/06)

To pilot test a cost-effective organizational change intervention designed to improve adherence to evidence-based diabetes treatment guidelines in primary care by improving practice level self understanding.