

**DEPARTMENT OF FAMILY MEDICINE
RESEARCH DIVISION MONTHLY REPORT
July, 2008**

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:

Congratulations **Jenna Howard** who successfully defended her dissertation on July 25.

Congratulations to **Barbara DiCicco-Bloom** who was informed that the application for the National Research Service Award (NRSA) fellowship was recommended for funding. It should be noted that in the letter stating the strengths and weaknesses of the application, though many strengths were recognized, there were no weaknesses noted. This new 3 year fellowship officially began on July 1.

On July 1, the guest speaker for the weekly Research Division meeting was Bennett Shenker, MD. Dr. Shenker is an Instructor in the Department of Family Medicine and Community Medicine at Thomas Jefferson University. He worked as a co-investigator in the design, implementation, evaluation and maintenance of the Hunterdon County Medication Access program to provide free or low cost medications to over 70 Hunterdon County and New Jersey residents who lacked prescription health benefits. The title of his presentation was "Hunterdon Medication Access Program."

On July 8 Drs. Jesse Crosson and Pamela Ohman-Strickland provided updates on their current projects. The title of Dr. Crosson's presentation was "Use of electronic medical records and diabetes care quality: results from the ULTRA study."

We were grateful that on July 22 that our guest speaker for the Division meeting was Javier Escobar, MD, MSc. Dr. Escobar is an Associate Dean for Global Health at UMDNJ-Robert Wood Johnson Medical School. His research background has focused primarily in the areas of clinical psychopharmacology, psychiatric epidemiology, psychiatric diagnosis and cross-cultural medicine and psychiatry. He has been PI or Co-PI of several projects funded by the National Institute of Mental Health in the areas of Treatment of Somatoform Disorders, Epidemiology of Mental Disorders and Development and Mentoring of New Psychiatric Researchers. Currently he is PI and Director of the "Medically Unexplained Physical Symptoms Research Center" (MUPS) at Robert Wood Johnson Medical School funded by the National Institute of Mental Health (2005-2010). The meeting took the format of a brief description of the current research, followed by discussion on potential collaboration. Dr. Escobar was joined by a number of his colleagues from the group. We will have a brainstorming meeting to come up with possible collaboration with the Department of Psychiatry.

Anna Looney's submission has been accepted for presentation at the 2008 Conference on Practice Improvement, December 4-7, 2008 in Savannah, GA. Her Presentation Title is "Using an interdisciplinary practice team to improve the medical home." **John Orzano's** submission has been accepted for presentation at the International Conference on Knowledge Management, October 23-24 2008 in Columbus, Ohio. His presentation Title is "Knowledge Sharing

**DEPARTMENT OF FAMILY MEDICINE
RESEARCH DIVISION MONTHLY REPORT
July, 2008**

Processes and Tools in U.S. Primary Health Care Practices: Analysis of Four Case Studies.”

As usual, we have several people whose work has been accepted at NAPCRG’s Annual meeting (this year it is being held at Rio Grande, Puerto Rico Nov 15-19). These included:

John Scott (poster) Development of the Healing Relationship Index. Co-Presenters: Cristine Delnevo, **Pamela Ohman-Strickland**, Saadbinkhalid Basheer **Benjamin Crabtree**.

Bijal Balasubramanian (oral presentation) Practice tools and approaches associated with physical activity and healthy eating among primary care patients. Co-Presenters: **Deborah Cohen, Elizabeth Clark, Nicole Isaacson**, Dorothy Hung, L Miriam Dickinson, Douglas Fernald, Larry Green, **Benjamin Crabtree**

Elizabeth Clark (oral presentation) Understanding the Teachable Moment in Health Behavior Counseling. Co-Presenters: **Deborah Cohen**, Susan Flocke, Peter Lawson, Brad Casucci.

Deborah Cohen (oral presentation) Fidelity vs. Flexibility: The evolution of health care interventions to fit practice realities. Co-Presenters: **Benjamin Crabtree, Rebecca, Etz, Bijal Balasubramanian**, Katrina Donahue, Laura Leviton, **Elizabeth Clark, Nicole Isaacson**, Kurt Stange, Lawrence Green. *This paper has been chosen as an Extended Paper. This means that the Program Committee selected this paper from 52 others to have 30 minutes for presentation and discussion as opposed to the 15 minutes allowed to other presenters.*

Benjamin Crabtree (oral presentation) Tales of Tailored Facilitation from the National Demonstration Project. Co-Presenters: Elizabeth Stewart, Kurt Stange, Paul Nutting, Carlos Jaen, Will Miller.

Jesse C. Crosson (oral presentation) Clinical processes for ensuring diabetes-related medication adherence in e-prescribing primary care practices. Co-Presenters: **Elizabeth C. Clark, Debra Lancaster, J. Anna Looney**, Douglas S. Bell, Norman Lasser.

Rebecca Etz (oral presentation) Bridging Primary Care Practices and Communities to Promote Healthy Behaviors. Co-Presenters: **Deborah Cohen**, Steve Woolf, Jodi Holtrop, Katrina Donahue, Kurt Stange, Robert Ferrer, Ardis Olson.

Jeanne Ferrante (oral presentation) Characteristics of the Patient-Centered Medical Home and Receipt of Preventive Health Services. Co-Presenters: **Bijal Balasubramanian, Shawna Hudson, A. John Orzano, Benjamin Crabtree**.

Nicole Isaacson (oral presentation) Facilitating Role Change in Primary Care Practice Settings. Co-Presenters: Robert Ferrer, Diane McKee, Jodi Holtrop, **Jesse Crosson, Deborah Cohen**.

A. John Orzano (oral presentation) Simple Step-by-Step How-to Instructions Kit to Collect and Analyze Economic Cost and Revenue Data in Primary Care. Co-Presenters: M. Dodoo, K. Wildman.

Eric Shaw (workshop) Why Does Theory Matter?: The Structure and Practical Usage of Theory in Primary Care Research. Co-Presenters: **Barbara DiCicco-Bloom, Rebecca Etz**.

**DEPARTMENT OF FAMILY MEDICINE
RESEARCH DIVISION MONTHLY REPORT
July, 2008**

New Jersey Family Medicine Research Network – NJFMRN

July highlights included: multiple site visits and practice recruitment; a review of the Continuing Education Unit (CEU) fall 2008 and spring of 2009 schedule; collaboration with Molly Gabel, MD; Deputy Director of CINJ Office of Extramural Affairs and the CINJ Hospital Network.

Mid month the NJFMRN Board met to review the Network portfolio of projects (current and upcoming) and to plan the 2009 calendar. The Board comprised of private family clinicians, academicians and researchers from the 3 medical schools in New Jersey, representatives from the New Jersey Academy of Family Physicians and the Cancer Institute of New Jersey meet in Somerset quarterly.

Below is a sampling of Network projects, for additional information contact the office at 732-743-3387.

- The Influence of Selenium on Biomarkers of Prostate Cancer Risk.
- Organizational Self-Assessment to Improve Diabetes Care in Primary Care Practices. The study purpose is to test the feasibility of an organizational change intervention designed to improve adherence to evidence-based diabetes treatment guidelines in primary care by improving practice-level self understanding.
- A Medical Record Survey to pilot test a questionnaire of EMR acceptance and use with the clinicians across the New Jersey Family Medicine Research Network. Invitations have been sent to each practice requesting 1 clinician per site to visit the website and complete the Medical Records Survey.
- Psychometric testing of a healing relationship survey.
- A Randomized Controlled Trial of Controlled Breathing Effects on Ambulatory Blood Pressure. The project aim is to conduct a blinded, randomized controlled trial to test the effect of Guided Breathing Intervention in uncontrolled hypertensives.
- Oxidative Stress from Commuting Exposures: A Biomarker Study Using the New Jersey Family Medicine Research Network.
- SCOPE – Supporting Colorectal Outcomes Through Participatory Enhancements.
- Understanding Cardiovascular Disease and EMR Use in Community-based PCP's.
- A Cancer Survivor Educational Initiative for the Primary Care Workforce.
- Jersey Girls – A Study of Environmental Factors, Growth and Development in New Jersey Girls.
- Increasing Cancer Screening in Obese Patients Using Patient Navigation in Community Practices.
- Chemoprevention of Breast and Prostate Cancers in Shift Workers by Dietary Methylselenocysteine: Effects on Circadian Rhythm and Estrogen Receptor-B Cycling.

For research applications, updates, future events and projects.

Visit the website at <http://rwjms.umdnj.edu/njfmrn>

**DEPARTMENT OF FAMILY MEDICINE
RESEARCH DIVISION MONTHLY REPORT
July, 2008**

Published

Pickering TG, **Clemow L**. Paroxysmal hypertension: the role of stress and psychological factors. *Journal of Clinical Hypertension (Greenwich)*. 2008 10(7): 575-81.

Cohen DJ, Crabtree BJ. Evaluative Criteria for Qualitative Research in Health Care: Controversies and Recommendations 2008 July/Aug 6(4): 331-339.

Sussman A, Williams RL, Leverence R, Gloyd PW, **Crabtree BF**. Self determination theory and preventive care delivery: a Research Involving Outpatient Settings Network (RIOS Net) study *Journal of the American Board of Family Medicine* 2008 Jul-Aug;21(4):282-92.

Scott, JG, Cohen, D, DiCicco-Bloom B, Crabtree BF, Stange, K, Miller, W. Understanding Healing Relationships in Primary Care *Annals of Family Medicine* 2008 July/Aug 6(4): 315-322.

In Press

Balasubramanian BA, Cohen DJ, Clark EC, Isaacson NF, Hung DY, Dickinson LM, Fernald, DH, Green LA, **Crabtree BF**. Are practice-level approaches for behavioral counseling associated with healthier behaviors? *American Journal of Preventive Medicine* (in press).

Fernald DH, Forshaug D, Dickinson LM, **Balasubramanian BA**, Dodoo M, Holtrop JS, Hung DY, Glasgow RE, Niebauer L, Green L. The prevalence of multiple health risk behaviors in primary care patients: results from the COMBO study *American Journal of Preventive Medicine* (in press).

Clark EC, Saultz J, Buckley DI, Rdesinski R, Goldberg B, Gill JM, The Association of Family Continuity with Quality of Health Service Use. *JABFM*. (in press).

Cohen DJ, Crabtree BF, Etz RS, Balasubramanian BA, Donahue K, Leviton LC, **Clark EC, Isaacson NF**, Stange KC, Green LW, Fidelity vs. Flexibility: The evolution of health care interventions to fit practice realities. *American Journal of Preventive Medicine* (in press).

Cohen DJ & Crabtree BF, Evaluative Criteria for Qualitative Research in Health Care: Controversies and Recommendations. *Annals of Family Medicine*. (in press).

Crabtree BF, Miller WL, McDaniel RR, Stange KC, Nutting PA, Jaén CR, Thriving in an Unhealthy Environment: Building Adaptive Capacity in Primary Care. *Journal of Family Practice* (in press).

Echeverria SE, Diez-Roux A, Shea S, Borrell L, Jackson S. Associations of neighborhood problems and neighborhood social cohesion with mental health and health behaviors. *Journal Health and Place* (in press).

Etz RS, Cohen DJ, Woolf SH, Holtrop JS, Donahue KE, Stange, KC, Ferrer RL, Olson AL. Bridging primary care practices and communities to promote healthy behaviors. *American Journal of Preventive Medicine*. (in press).

Ferrante JM, Ohman-Strickland P, Hahn K, Hudson SV, Shaw EK, Crosson JC, Crabtree BF. Self-Report Versus Medical Records for Assessing Cancer Preventive Services Delivery.

**DEPARTMENT OF FAMILY MEDICINE
RESEARCH DIVISION MONTHLY REPORT
July, 2008**

Cancer Epidemiology Biomarkers and Prevention. (in press).

Hargro L, **Ferrante JM**. Diarrhea. In: Family Medicine: Ambulatory Care & Prevention, 5th edition, Mengel and Schwiebert, eds, McGraw-Hill Companies, 2007 (in press).

Fyffe D, **Hudson SV**, Fagan J, Brown D. Knowledge and Barriers Related to Prostate and Colorectal Cancer Prevention in Underserved Black Men. Journal of the National Medical Association (in press).

Basheer S, **Roemheld-Hamm B**. Vitiligo. Help Desk Answer, Family Practice Inquiry Network (in press).

Roemheld-Hamm B, Isaacson N, Winston C, Scott J, Hudson S, Crabtree BF. Influenza Immunization Disparities in Primary Care Practices. Journal for the Health Care of the Poor and Underserved (in press).

Under Review

Balasubramanian BA, Demissie K, **Crabtree BF**, Agovino P, **Ohman Strickland PA**, Kohler B, Ogedegbe G, Rhoads GG. Racial Differences in Treatment of Early Breast Cancer among Medicaid Beneficiaries (under review – The Breast Journal).

Chase SM., Nutting PA, **Crabtree BF**. Can your practice RAP? Using the reflective adaptive process to reach the next level in primary care (under review - Family Practice Management).

Cohen DJ, Crabtree BF, Etz RS, Balasubramanian BA, Donahue K, Leviton LC, **Clark EC, Isaacson NF**, Stange KC, Green LW. Fidelity vs. Flexibility: The evolution of health care interventions to fit practice realities (under review - American Journal of Preventive Medicine).

Crabtree BF, Nutting PA, Jaen CR, Stange KC, Stewart E, McDaniel RR. Primary care practice transformation is hard work: Insights from a 15 year program of research (under review - Medical Care).

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? (revisions requested Annals of Family Medicine).

Crosson JC, Ohman-Strickland P, Campbell S, Phillips RL, Roland M, **Balasubramanian BA**, Kontopantelis E, Bazemore A, **Crabtree BF**. Pay for Performance by Investing in Primary Care. (under review-Ann Fam Med).

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

Brazeau C, Rovi S, Schroeder R, Heaton C, Washington JC, **Crosson JC**. Quality of care in family medicine clerkship teaching practices. (under review – BMC Medical Education).

Cappiello M, **Cunningham RS.**, Knopf MT, & Erdos D. (2006). Breast Cancer Survivors:

**DEPARTMENT OF FAMILY MEDICINE
RESEARCH DIVISION MONTHLY REPORT
July, 2008**

Information and Support Needs After Treatment (submitted for review: Clinical Nursing Research).

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

DiCicco-Bloom B, McDaniel R, O'Malley D, Shaw E, Crosson JC. The Expanded Jazz Metaphor: Relationships Among Members of a Family Medicine Practice (under review - Journal of Applied Behavioral Sciences).

Hudson SV, Ohman-Strickland PA, Ferrante JM, Lu-Yao G, Orzano AJ, Crabtree BF. Prostate-Specific Antigen Testing among the Elderly in Community-Based Family Medicine Practices (under review at The Journal of the American Board of Family Medicine).

Orzano AJ, McInerney CR, McDaniel RR, Meese A, Alajmi B, Mohr S, Tallia AF. Practice Redesign—Value and Implications of Knowledge Management (under review - Ann Fam Med).

Isaacson N, Roemheld-Hamm B, Crosson JC, DiCicco-Bloom B, Winston C. “Organizational Culture and Health Care Workers’ Influenza Immunization Behavior” (under review - Annals of Family Medicine)

Scott JG, DiCicco-Bloom B, Solberg, LI, Miller, W, Crosson JC, Gantt, R, Shaw E, Gilchrist V, Falco T, Crabtree BF. Food for thought: How Pharmaceutical Representatives Influence Primary Care Physicians (under review – Annals of Family Medicine)

Shaw E. Helping exchanges: Exploring causal attributions as the basis to expand social exchange theory. (under review – Social Forces)

Shaw E. Fictive kin and helping behavior. (under review – Current Research in Social Psychology)

In Process

Balasubramanian BA, Chase SM, Ohman-Strickland P, Crosson JC, Gratz N, Nutting PA, Miller W, Crabtree BF and the ULTRA study team. Using Learning Teams for Reflective Adaptation: Results from a Quality Improvement Intervention to Improve Adherence to Multiple Guidelines in Primary Care Practices.

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

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.

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

**DEPARTMENT OF FAMILY MEDICINE
RESEARCH DIVISION MONTHLY REPORT
July, 2008**

of patient care.

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

Cunningham R, Anselmo-Murphy A, & Vamos D. (2007) The role of erythropoietic agents in elderly cancer patients receiving chemotherapy. (for submission to *Drugs and Aging* in June).

Cunningham R, Shaw E, Hudson S, O'Malley D, Crabtree BF. Using Learning Collaboratives to enhance Colorectal Screening.

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.

Echeverria SE and Diez-Roux A. "Emergent Chronic Conditions" In an upcoming book, "Social and Structural Factors Affecting the Health of Latino Males". Aguirre-Molina M, Borrell L, and Vega W (Eds).

Echeverria SE and Rhodes G. The influence of area of residence on advanced-stage breast cancer among Black, Latina and White women living in New Jersey. Research proposal submitted to the New Jersey State Cancer Registry. Pending IRB approval.

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.

Isaacson N, Holtrop J, Cifuentes M, Torres T, An analysis of conditions for enacting role change in primary care practices *American Journal of Preventive Medicine*.

Holtrop J, **Isaacson N**, Cifuentes M, Torres T, CHERL: A new role for primary care.

Lancaster D, Crosson JC, Isaacson N. Clinical support staff involvement in prescribing.

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

Looney JA, O'Malley D, McDaniel RR, Cho JJ, Nutting P, Miller W, **Crabtree BF**. Leaders and Leadership in the Primary Care Setting: Seeking a New Paradigm.

Scott JG, Miller W, **Crabtree BF**. Healing relationships and the existential philosophy of Martin Buber.

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.

Tallia A, Scott JG, DiCicco-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.

Invited Presentations and other news

Anna Looney's submission has been accepted for presentation at the 2008 Conference on

**DEPARTMENT OF FAMILY MEDICINE
RESEARCH DIVISION MONTHLY REPORT
July, 2008**

Practice Improvement, December 4-7, 2008 in Savannah, GA. Seminar's Purpose: To give practical information and methods to enhance practice improvement through health information and patient education efforts. Submission Presentation Title: Using an interdisciplinary practice team to improve the medical home. Main Presenter: **J. Anna Looney**, Additional Presenters: Elise Butkiewicz, Mary Grace Lisa.

North American Primary Care Research Group

The submissions of the following have been accepted at **36th NAPCRG Annual Meeting** November 15-19, 2008 Rio Grande, Puerto Rico:

Poster:

John Scott, Development of the Healing Relationship Index, Co-Presenters: **Cristine Delnevo, Pamela Ohman-Strickland**, Saadbinkhalid Basheer, **Benjamin Crabtree**

Oral Presentations:

Bijal Balasubramanian, Practice tools and approaches associated with physical

activity and healthy eating among primary care patients, Co-Presenters: **Deborah Cohen, Elizabeth Clark, Nicole Isaacson**, Dorothy Hung, L Miriam Dickinson, Douglas Fernald, Larry Green, **Benjamin Crabtree**

Elizabeth Clark, Understanding the Teachable Moment in Health Behavior Counseling, Co-Presenters: **Deborah Cohen**, Susan Flocke, Peter Lawson. Brad Casucci

Deborah Cohen, Fidelity vs. Flexibility: The evolution of health care interventions to fit practice realities, Co-Presenters: **Benjamin Crabtree, Rebecca, Etz, Bijal**

Balasubramanian, Katrina Donahue, Laura Leviton, **Elizabeth Clark, Nicole Isaacson**, Kurt Stange, Lawrence Green, *This paper has been chosen as an Extended Paper. This means that the Program Committee selected your paper from 52 others to have 30 minutes for presentation and discussion as opposed to the 15 minutes allowed to other presenters.*

Benjamin Crabtree, Tales of Tailored Facilitation from the National Demonstration Project, Co-Presenters: Elizabeth Stewart, Kurt Stange, Paul Nutting, Carlos Jaen, Will Miller

Jesse C. Crosson, Clinical processes for ensuring diabetes-related medication adherence in e-prescribing primary care practices, Co-Presenters: **Elizabeth C. Clark, Debra Lancaster, J. Anna Looney**, Douglas S. Bell, Norman Lasser

Rebecca Etz, Bridging Primary Care Practices and Communities to Promote Healthy Behaviors, Co-Presenters: **Deborah Cohen**, Steve Woolf, Jodi Holtrop, Katrina Donahue, Kurt Stange, Robert Ferrer, Ardis Olson

Jeanne Ferrante, Characteristics of the Patient-Centered Medical Home and Receipt of Preventive Health Services, Co-Presenters: **Bijal Balasubramanian, Shawna Hudson, A. John Orzano, Benjamin Crabtree**

Nicole Isaacson, Facilitating Role Change in Primary Care Practice Settings

**DEPARTMENT OF FAMILY MEDICINE
RESEARCH DIVISION MONTHLY REPORT
July, 2008**

Co-Presenters: Robert Ferrer, Diane McKee, Jodi Holtrop, **Jesse Crosson, Deborah Cohen**

Workshop:

Eric Shaw, Why Does Theory Matter?: The Structure and Practical Usage of Theory in Eric Shaw, Co-Presenters: **Barbara DiCicco-Bloom, Rebecca Etz**

Jenna Howard (the newest facilitator for the SCOPE team) successfully defended her dissertation on July 25

Active Grants

Clemow, Lynn PI: “RCT of Controlled Breathing Effects on Ambulatory BP” National Heart, Lung, and Blood Institute. Ro1 HL083056-01A2; 2007 – 2012. Total project costs: \$3,796,669.

The goal of the project is to test the efficacy of a guided breathing intervention on ambulatory blood pressure in hypertensive patients drawn from primary care and specialty hypertension practices.

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 - 2009; 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.

Crabtree BF, PI: Trial to Enhance Adherence to Multiple Guidelines. National Heart, Lung, and Blood Institute; 2002 – 2008; 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.

**DEPARTMENT OF FAMILY MEDICINE
RESEARCH DIVISION MONTHLY REPORT
July, 2008**

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.

Crabtree BF, (subcontract): "The TransforMED National Demonstration Project", American Academy of Family Physicians; 2006 - 2009; total project costs: \$138,977.

This subcontract is part of a national project which will demonstrate new knowledge about practice change; payer, patient and practice outcomes using a detailed multi-method assessment of the process of practice change in selected practices across the United States.

Crosson, JC, Co-PI: Translating Research into Action for Diabetes II (TRIAD II). Centers for Disease Control and Prevention/National Institute for Diabetes and Digestive and Kidney Diseases (U58/CCU223529). 2004 - 2009; total award \$4,275,000.

Translating Research Into Action for Diabetes (TRIAD) is a national multi-center study that was created to determine how managed care systems influence the processes and outcomes of diabetes care. The study will describe and evaluate the quality of care and life among people with diabetes through the help from ten health plans and sixty-six provider groups.

Crosson, JC, PI: “Organizational self-assessment to improve diabetes care in primary care practices.” National Institute for Diabetes and Digestive and Kidney Diseases.

R34 resubmission 5/15/08-4/20/2010. \$468,000 (total award)

Purpose: To test the feasibility of an organizational change intervention focused on improving practice-level self understanding. The goal of the intervention is to improve adherence to evidence-based diabetes treatment guidelines through diabetes registry implementation and use.

DiCicco-Bloom, B., PI: 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: Institutional National Research Services Award (T32). Health Resources and Service Administration, 2008 – 2010

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.

Ferrante Jeanne, PI: “Breast and Cervical Cancer Screening in Obese Women”, NIH/NCI, 1 K07 CA101780-01A2 Dates: 2005 - 2009, Amount funded: \$522,000 [direct], \$563,760

**DEPARTMENT OF FAMILY MEDICINE
RESEARCH DIVISION MONTHLY REPORT
July, 2008**

[total].

The objectives of this multi-method research project are to quantify the extent of the association of obesity to delayed cancer screening, identify patient and physician barriers to cancer screening in obese women, and develop an interventional plan and materials to increase cancer screening in obese women.

Ferrante, J., PI (subcontract): “Developing the Medical Home in Primary Care”; **Overlook Hospital Foundation; 1/2008 – 3/2009; \$20,000**

The objective of this project is to evaluate the implementation and utilization of a patient navigator in 4 community primary care practices.

Ferrante, J., PI: Developing the Medical Home in Primary Care: Implementation of a Practice-based Patient Navigator”; UMDNJ Team Science Initiative; 2008 – 2009; total project costs: \$10,000.

This proposal will help supplement funding already obtained to conduct extensive qualitative analysis to gain real-time insights and understand the barriers and facilitators to the implementation and utilization of the patient navigator in the primary care setting.

Ferrante J (PI). "Sister to Sister Navigator Program" (competing continuation grant), April 1, 2008 - March 30, 2009, Susan G. Komen for the Cure North Jersey Affiliate, \$46,900

The objective of this project is to determine the effectiveness of a breast health patient navigator in helping women overcome barriers in obtaining breast cancer screening, diagnostic, treatment, and follow-up services. In addition, we will describe the experiences of a patient navigator, what activities and services a navigator provides, and the barriers and facilitators to implementing a patient navigator program.

Hudson, S., PI: "The use of patient navigators in increasing enrollment onto breast cancer clinical trials," New Jersey Commission on Cancer Research; 2007 - 2008; total project costs \$14,000.

This grant will support Mafudia Bangura's (an MD/MPH student fellow) mentored training in health literacy and process evaluation for the academic year. She will identify barriers to patient enrollment in breast cancer clinical trials and assess whether patient navigation is an effective method of increasing accrual. Dr. Hudson is the primary mentor and PI for the grant.

Hudson, SV (Evaluator): Susan G. Komen Breast Cancer Foundation North Jersey Affiliate, Education Grant, Use and evaluation of an ethnically-matched patient navigator to increase minority patient recruitment to breast cancer clinical trials, \$130,000, 2007 - 2009

This project seeks to increase participation by African Americans and Latinas in breast cancer clinical trials through use of an ethnically matched lay patient navigator at UMDNJ-NJMS and the University Hospital Cancer Center.

Hudson, SV (Evaluator): Susan G. Komen Breast Cancer Foundation North Jersey

**DEPARTMENT OF FAMILY MEDICINE
RESEARCH DIVISION MONTHLY REPORT
July, 2008**

Affiliate, Education Grant, Moving Forward, \$130,000, 2007 - 2009

This project launches a new patient navigation program using an oncology nurse that educates eligible African American and Latino patients about cancer clinical trials and strives to enroll more minority and medically underserved patients in NCI clinical trials for breast cancer at Newark Beth Israel Hospital.

Hudson SV, Disparities Core Manager: "Cancer Prevention, Control and Population Science," RWJ Foundation; 2007 - 2011, total project costs \$12,000,000.

This grant will strengthen and expand the Cancer Institute of New Jersey's population science program in 1) Prevention and Control, 2) Cancer Survivorship, 3) Cancer Disparities, 4) Cancer Informatics and 5) Network Research (primary care and oncology). It will provide infrastructure and support for research studies and educational/outreach interventions statewide.

Hudson SV, Co-investigator: "Factors of Racially Disparate Breast Cancer Treatment," American Cancer Society, Research Grant# 07-291-01CPHPS, 2007 - 2011, total project costs \$669,000.

The specific aims of the study are to (i) determine if racial differences exist in the treatment of early breast cancer between African American and White women, (ii) examine differences in delays in diagnosis and treatment initiation for early breast cancer between African Americans and Whites and whether factors predicting delays differ between them, and (iii) examine factors influencing choice between mastectomy and breast conserving surgery plus radiotherapy for women with early breast cancer and whether these factors differ by race.

Hudson SV, Co-investigator: "Non-clinical factors in disparate treatment for early breast cancer," Susan G. Komen Breast Cancer Foundation, Research Grant, 2006 - 2009, total project costs \$248,926.

The study aims to explore the role of non-clinical factors in explaining racial disparity in the receipt of adjuvant chemotherapy. Specifically, the study will evaluate important factors at the patient, care process, and health system levels.

Hudson SV, Research Methodologist: "Addressing Disparities in Cancer Care for Latino Medicare Beneficiaries," Centers for Medicare & Medicaid Services, Demonstration Project, 2006 - 2010, Research Methodologist, total project costs \$2,852,878.

This project evaluates whether an innovative facilitation program (targeting cancers of the prostate, colon/rectum, breast, and cervix) will improve cancer outcomes among Latino Medicare beneficiaries in the city of Newark, New Jersey. The goal is to reduce the disparities observed in screening, time to diagnoses and treatment services, by utilizing a multidisciplinary team approach to health care, incorporating systems thinking methodology.

Hudson, S., PI: "Life After Cancer: Examining Survivor Transitions from Specialist to Primary Care," National Cancer Institute; K01 CA131500-01A1; 2008 - 2012; total project costs \$566,452 Update (October): Resubmission on 11/9/07 Update (February): This received a score of 122 and is projected to begin in July.

The overall goal of this career development application is to enable Dr. Hudson to become an

**DEPARTMENT OF FAMILY MEDICINE
RESEARCH DIVISION MONTHLY REPORT
July, 2008**

independent researcher in cancer survivorship and primary care research. Using a combination of interviewing and survey research methodologies, the proposed studies build on each other to (1) explore early stage breast and prostate cancer survivors' attitudes toward primary care for follow-up cancer screening and (2) develop and validate a survey to be implemented in a study that describes primary care usage and assesses cognitive-affective, patient support and demographic factors that affect how survivors use specialists and primary care physicians for follow-up care.

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.

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; 2005 - 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.

Crabtree, BF, (subcontract PI): “Using learning teams for reflective adaptation for diabetes”; NIDDK; 2005 - 2010 subcontract project amount: \$315,363

A subcontract with the University of Colorado (Paul Nutting, Principal Investigator) is comparing the magnitude and timing of the intervention effects with a state of the art quality improvement effort that focuses on diabetes.

Crabtree, BF, 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.

Pending grant applications (submitted)

DiCicco-Bloom, B., PI (Cunningham Collaborating PI): “Predictors and Outcomes of

**DEPARTMENT OF FAMILY MEDICINE
RESEARCH DIVISION MONTHLY REPORT
July, 2008**

**Referral to the Nurse Practitioner-Led Survivor's Program" The Cancer Institute of NJ
Research Development Award Application \$49,977**

Cancer survivors have different medical and psychosocial needs than patients in active cancer treatment or in general primary care. Nurse practitioner-led transitional care designed to meet the specific needs of cancer survivors can improve patient outcomes.

**Ferrante, Jeanne, PI: "Increasing Cancer Screening in Obese Women Using Patient
Navigation,"** R01 application to NCI, \$2,499,995 [direct], \$3,899,990 [total]

This randomized control trial using mixed-methods will evaluate the effectiveness of a patient navigator program in increasing breast, cervical, and colorectal cancer screening rates among obese women in primary care practices.

**Ferrante, Jeanne, PI: "Factors Affecting Men's Decisions Regarding Prostate Cancer Screening
and Treatment,"** pilot project as part of DOD (W81XWH06-1-0514), \$93,613 .

The purpose of this exploratory qualitative study is to identify and understand the factors that influence men's decision regarding prostate cancer screening, diagnosis, and treatment. Results from these interviews will help us to develop strategies to assist men in making informed decisions regarding prostate cancer screening and treatment and guide the design of a future patient navigator outreach program to educate and navigate men to prostate cancer screening, diagnosis and treatment programs.

Lancaster, Debra, O'Malley, Dena submitted LOI to the Lance Armstrong Foundation's "Buildings and Bridges--A Cancer Survivor Educational Initiative for the Primary Care Workforce" and received notification in April that the Foundation would like a full proposal which they will submit in June.

Orzano, J submitted R34 grant "Taking Action by Learning and Knowledge Management to Improve DM (DK-083470)"

Orzano (PI), McInerney, Tallia, Clemow (investigators), Resnicow, Nutting, McDaniel (consultants) to NIDDK on June 16 .

This planning grant seeks to test a combined organizational and patient level intervention to improve glycemic, blood pressure, and lipid control in adult patients with diabetes by enhancing patient self-management support. The organizational component of the combined intervention is informed by Knowledge Management, while the patient component utilizes Motivational Interviewing and other behavioral counseling techniques.

**Scott, John G. PI, Cunningham, R, Collaborating PI; "Clinician-Patient Relationships in
Breast Cancer Survivor Care" \$49,992**

The purpose of this pilot study is to discover themes in the illness experience and development of healing relationships in breast cancer survivors, to use those themes to refine and existing conceptual model of continuous healing relationships, and to compare and contrast patients' experiences with two different models of survivor care.

Scott, John G., PI submitted NCI R03 "Healing Relationships in Cancer Survivors."

**DEPARTMENT OF FAMILY MEDICINE
RESEARCH DIVISION MONTHLY REPORT
July, 2008**

\$100,000 over 2 years.

The purpose of this grant is to explore healing relationships of survivors of breast, prostate and colorectal cancer with multiple health care professionals and to develop a survey instrument to measure healing relationships in cancer survivors.

Tallia A, PI: Academic Administrative Units in Primary Care (also known as the Title VII) National Research Service Award 9/1/2008 – 8/31/2011, \$788,928

The Department of Family Medicine at UMDNJ/RWJMS proposes a three-year intensive project to enhance the community-based participatory research and public policy impact capacity of its family medicine research. Building on an exemplary record of academic productivity, this project will enable the Department to implement a multifaceted research infrastructure.

Wu, J, PI: Knowledge, attitudes and barriers related to human papilloma virus (HPV) vaccination among underserved Latina women Merck Investigator-Initiated Studies Program 9/1/2008 – 8/31/2009, \$142,594

The purpose of this study is to conduct in-depth interviews of underserved Latina women who are eligible for the HPV vaccine or are mothers of vaccine-eligible adolescents. Study findings will directly inform the design of culturally appropriate interventions aimed at increasing HPV vaccination rates among this population.