

**DEPARTMENT OF FAMILY MEDICINE
RESEARCH DIVISION MONTHLY REPORT
May, 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:

We are proud to acknowledge the selection of Jeanne Ferrante, MD, MPH to the Delta Omega Honorary Society in Public Health, Alpha Eta Chapter.

Research Division member Barbara DiCicco-Bloom, PhD gave a May 13 presentation on the Social Capital Scale to the Lehigh Valley Family Health Center. As part of a research project the practice received a high score on a social capital scale which is the subject of a manuscript in progress. The presentation gave the practice and Dr. DiCicco-Bloom an opportunity to discuss the scale's value and a chance for practice members to discuss their practice's organizational structures and processes.

On May 15-18 Benjamin Crabtree, PhD, Deborah Cohen, PhD, and Eric Shaw, PhD attended the EPIC Learning Session in Denver, CO. While in Denver, Dr. Shaw assisted the study facilitators prior to the learning session and took field notes during the session to be used for ongoing qualitative analyses.

May 19-22 Rebecca Etz attended the meeting of the National Committee on Vital Health Statistics

Jeanne Ferrante submitted a R01 grant to NCI titled “Increasing Cancer Screening in Obese Women Using Patient Navigation.” This research is to evaluate the effectiveness of a patient navigator program in increasing breast, cervical, and colorectal cancer screening rates among obese women in primary care practices. Dr. Ferrante wishes to acknowledge the tremendous help she received from Maria Pellerano and Cynthia Duncan-Robinson.

The weekly Division meetings featured a number of informative presentations in May. We were especially fortunate that guest speaker Dr. Cecil Helman, Professor, Department of Anthropology at Brunel University, London, was able to join us. Dr. Helman is an international expert on medical anthropology - the cross-cultural study of health, illness, and medical care - and on the many different forms of healthcare and healing found worldwide. He has done research on primary health care systems, and on traditional healers, in South Africa, Brazil, and elsewhere. His textbook Culture, Health and Illness has been used in more than 40 countries since it was first published in 1984, including in over 120 universities, medical schools and nursing colleges in the USA and Canada. He has also published academic papers in medical journals, including The Lancet, British Medical Journal, Annals of Internal Medicine, British Journal of General Practice, and Medical Humanities. He has received several prestigious international prizes and awards for his work. Among his other interests are the role of metaphors and symbols in our understanding of the human body, in both illness and health; and what the Western industrialized world can learn from the healing systems of more traditional societies, when dealing with different aspects of human sufferings. The topic of his presentation was: "Practical & Ethical Problems of Doing Research in a Multi-Cultural Society".

The speaker for our May 13 meeting was Bijal A. Balasubramanian, MBBS, PhD. Dr.

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

May, 2008

Balasubramanian is an Assistant Professor in the Department of Family Medicine, Research Division, at UMDNJ-Robert Wood Johnson Medical School. The title of her presentation is "ULTRA - A quality improvement intervention to improve adherence to chronic disease care guidelines." Dr. Balasubramanian presented the main results from the ULTRA study.

Our May 20 guest speaker was John P. Metz, MD, CAQSM. Dr. Metz is Associate Director of JFK Family Practice Residency at JFK Hospital, Clinical Instructor of Family Medicine at UMDNJ/RWJMS and Clinical Assistant Professor of Medicine at UMDNJ/NJMS. Dr. Metz is a Diplomat of the American Board of Family Medicine, and a member of the American Academy of Family Physicians, the Society of Teachers of Family Medicine, and the American Medical Society of Sports Medicine. He has been selected as a "Top Doctor" in the NY Metro Area by Castle and Connolly Medical. Dr. Metz gave a presentation on his poster that was accepted for presentation at the Program Director's meeting scheduled for June 8-10, 2008. The title was: "EMR Olympics: A Way to Teach Electronic Medical record (EMR) Use in a Residency Setting". Dr. Metz accepted feedback and comments on his poster presentation.

The May 27 guest speakers were Steven W. Kairys, MD, MPH and Diane Abatemarco, PhD, MSW. Dr. Kairys is Chairman of Pediatrics, Jersey Shore University Medical Center and also Medical Director, American Academy of Pediatrics, Quality Improvement and Innovation Network. In addition, he is Director of the New Jersey Pediatric Council on Research and Education. His research interests are prevention and mental health, child abuse and general pediatric. Dr. Abatemarco is an Assistant Professor at the University of Pittsburg. Her research interests include evaluation, prevention science, behavioral epidemiology, and Global Health. Currently, with funding from the American Academy of Pediatrics, she is conducting a three-year scientific evaluation to determine the outcomes of an intervention to help pediatricians prevent child abuse and neglect. The title of their presentation was "Practicing Safety."

The Division continued its hosting of the bi-weekly CINJ Population Science meetings. May 20 guest speaker was Rose Marie Martin, MPH, PhD candidate, Department of Epidemiology, UMDNJ School of Public Health. Her research interests are the effects of the implementation of highly active retroviral therapy (HAART) on the survival of persons diagnosed with HIV infection, in particular as it relates to various cancer types. Her presentation title was: "Trends in Cancer and Development of AIDS in HIV-Infected Individuals Before and After Implementation of Highly Active Antiretroviral Therapy"

The speaker for the May 27 meeting was Shawna Hudson, PhD. Dr. Hudson, a medical sociologist, and an Assistant Professor of Family Medicine at the UMDNJ-Robert Wood Johnson Medical School and the Director of Community Research for The Cancer Institute of New Jersey (CINJ) also oversees CINJ's developing survey research and qualitative methods shared resource. She is a co-investigator on an NCI funded randomized control trial that examines the effectiveness of a quality improvement intervention to improve the delivery of preventive colorectal cancer screening in primary care settings. Her other research examines health care provider barriers to cancer screening and cancer clinical trial research for racial/ethnic minorities and other medically underserved populations. Dr. Hudson recently received an NCI-funded Career Development Award (K01) to obtain training and education in cancer survivorship and primary care research. The title of her presentation was "Life After Cancer: Examining Survivor Transitions from Specialist to Primary Care."





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

New Jersey Family Medicine Research Network – NJFMRN

The Continuing Education Unit program for nurses from practices across the Network and State of New Jersey met on May 20th at the Network office in Somerset. The presentation was “The Role of the Family Practice Nurse in Diabetes Education” and the presenter was Harriet Black RN, CDE. Harriet spoke to the group on juvenile diabetes, pre-diabetes, Type 1, Type 2, medications, insulin use and the importance of lifestyle change and exercise. Ms. Black shared that in her many years of working with clients and nurses this particular group exemplified the excellent quality and concern of nurses for their patients. Each nurse received 2 Continuing Education Unit Credits for their participation.

The CEU Program is a collaboration of the NJFMRN and CINJ that assists practice nurses in fulfilling their licensing needs of 30 CEU’s every two years. The next session is scheduled for June 24th and the focus will be Nutrition. For additional information and an application for the June session and future events, visit the Network website at <http://rwjms.umdnj.edu/njfmrn>.

Projects scheduled for 2008 are:

-  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.

Important NJFMRN dates for June and July are :

June 4th - Practice Manager Meeting – The morning presenter will be Barbara DiCicco-Bloom, PhD, RN, Director of the NRSA Research Fellowship; and in the afternoon Ellen Levine MSW, LCSW, Program Director of the Wellness Community of Central New Jersey.

June 10th - Planning meeting for the 2009 calendar year CEU sessions.

June 20th & 21st – The Network will have a booth at the New Jersey Academy of Family Physicians Scientific Assembly in Atlantic City, NJ. Contact the Network office for additional details and to schedule time to share your project with meeting attendees.

June 24th – Maureen Huhmann, MS, RD will be the CEU presenter on Nutrition

July 10th – The NJFMRN Board will be meeting at 7 PM

All meetings take place at the Network office located at 1 Worlds’ Fair Drive in Somerset. Visit the Network website at <http://rwjms.umdnj.edu/njfmrn> for applications and updates.

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

Published

Ferrante JM, Winston DG, Ching P-H, de la Torre AN. Family Physicians' Knowledge and screening of Chronic Hepatitis and Liver Cancer. Health Services Research Fam Med. 2008 May;40(5):345-51.

Hahn KA, Ferrante JM, Crosson JC, Hudson SV, Crabtree BF. Diabetes flow sheet use associated with guideline adherence. Ann Fam Med. 2008 May-Jun;6(3):235-8.

Scott, John G. Mothers and Meaning. Pulse. 2008. May 23.

In Press

Clark EC, Saultz J, Buckley DI, Rdesinksi R, Goldberg B, Gill JM. The Association of Family Continuity with Quality of Health Service Use. JABFM. (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, McDaniel RR, Nutting PA, Lanham H, **Looney JA**, Miller WL. Moving Beyond the Dual Organization: Implications for Creating the Medical Home. Family Practice Management (in press).

Sussman A, Williams RL, Leverence R, Gloyd PW, **Crabtree BF.** Using Self Determination Theory to Explain Clinical Decision making in Primary Care. Journal of the American Board of Family Medicine (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).

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).

Orzano AJ, Ohman Strickland PA, Patel M. What can family medicine practices do to facilitate knowledge management? Health Care Management Review (in press).

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

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

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

Scott, JG, Cohen, D, DiCicco-Bloom, B, Crabtree , BF, Stange, K, Miller, W, Understanding Healing Relationships in Primary Care *Annals of Family Medicine* (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 – Cancer).

Balasubramanian, BA., Cohen, DJ., Clark, EC., Isaacson, NF., Hung, DY., Dickinson, LM., Fernald, DH., Green, LA., **Crabtree, BF.** Practice tools and approaches associated with physical activity and healthy eating among primary care patients (under review - *American Journal of Preventive Medicine*).

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 (under review - *American Journal of Preventive Medicine*).

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*).

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*).

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, R. S.,** Knopf, M. T., & Erdos, D. (2006). Breast Cancer

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

May, 2008

Survivors: 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).

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 (under review - American Journal of Preventive Medicine).

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. (under review - Cancer Epidemiology Biomarkers and Prevention).

Hudson SV, Ohman-Strickland PA, Ferrante JM, Lu-Yao G, Orzano AJ, Crabtree BF. Prostate Cancer Screening among the Elderly in Community-Based Family Medicine Practices (revisions requested Annals of Family Medicine).

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

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).

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

Isaacson, N, Roemheld-Hamm, B, Crosson, J.C., Diccico-Bloom, B., Winston, C. “Organizational Culture and Health Care Workers’ Influenza Immunization Behavior” (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; Ohman-Strickland P; Crabtree BF. Using Learning Teams for Reflective Adaptation: Results from a Quality Improvement Intervention to Improve Adherence to Guidelines for Diabetes and Hypertension in Primary Care Practices.

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

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.

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.

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.

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, B. 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.

Nicole Isaacson, Jodi Holtrop, Maribel Cifuentes, Trissa Torres, An analysis of conditions for enacting role change in primary care practices *American Journal of Preventive Medicine.*

Jodi Holtrop, **Nicole Isaacson,** Maribel Cifuentes, Trissa Torres, *CHERL: A new role for primary care.*

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

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, 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, 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

April 30-May 2 **Debra Lancaster** attended the Sloan Industry Studies conference in Boston.

April 30 to May 2 **Alicja Piasecki, MPH** attended a SAS training course: Longitudinal Data Analysis with Discrete and Continuous Responses. The course was given in the Prudential Center, Boston, MA.

On May 13th **Barbara DiCicco-Bloom, PhD** gave a presentation on the Social Capital Scale to the Lehigh Valley Family Health Center. As part of a research project the practice received a high score on a social capital scale which is the subject of a manuscript in progress. The presentation gave the practice and Dr. DiCicco-Bloom an opportunity to discuss the scale's value and a chance for practice members to discuss their practice's organizational structures and processes.

May 15-18 **Benjamin Crabtree, PhD, Deborah Cohen, PhD, Eric Shaw, PhD** attended the EPIC Learning Session in Denver, CO.

On May 17th, Dr. Shaw assisted the study facilitators prior to the learning session and took field notes during the session to be used for ongoing qualitative analyses.

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

May, 2008

May 19-22 **Rebecca Etz, PhD** attended the meeting of the National Committee on Vital Health Statistics

May 28 **Hudson SV, Ohman-Strickland P, Ferrante JM, Lu-Yao G, Orzano AJ, and Crabtree BF** presented a poster at the Annual Retreat on Cancer Research in New Jersey, Piscataway, NJ entitled "Prostate Cancer Screening Among the Elderly in Community-Based Family Medicine Practices"

Grants/Contract Related Activities

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

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

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.

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.

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 [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

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

screening in obese women.

Ferrante Jeanne, PI: "Sister to Sister Navigator Program" (competing continuation) Susan G. Komen Foundation North Jersey Affiliate Dates: 2007 - 2008, Amount funded: \$50,000.

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.

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.

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 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.

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

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 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

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

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: Institutional National Research Services Award (T32). Health Resources and Service Administration, 2008 – 2010 – Submission Date – 2/29/08

The NRSA fellowship seeks to produce researchers who: 1) are knowledgeable about national,

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

May, 2008

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 (Cunningham Collaborating PI): “Predictors and Outcomes of 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 MD, MPH submitted a R01 grant to NCI titled “Increasing Cancer Screening in Obese Women Using Patient Navigation.”

This research is to evaluate the effectiveness of a patient navigator program in increasing breast, cervical, and colorectal cancer screening rates among obese women in primary care practices.

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.

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." \$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

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

May, 2008

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.