

**DEPARTMENT OF FAMILY MEDICINE
RESEARCH DIVISION MONTHLY REPORT
NOVEMBER 2007**

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:

Looking back, November was a month of many information exchanges – receiving visitors from opposite ends of the globe as well as traveling to meetings to discuss our work. These exchanges provide a much needed opportunity for our staff, fellows and faculty to share their areas of interest and to gain valuable perspectives and insights from others.

We also welcomed two more members to our team who both began the same day. **Elizabeth Clark, M.D., MPH** has joined us from the University of Iowa. Although the majority of Elizabeth's time is assigned to research, she will also be participating in clinical and teaching activities in the department. **Christina Felsen, MPH** has started with us as a Research Teaching Specialist to help with SCOPE and other division projects. Please join us in welcoming them to the department.

Rebecca Etz, PhD attended the annual meeting of the American Anthropological Association. Over 800 sessions were organized for the conference, 14 of which were Presidential Sessions. Dr Etz organized, chair and gave a paper in two of the presidential sessions. Her work focused on the ability of anthropology to answer the need for translational research in primary care, drawing on her HRSA fellowship training and her work as an analyst in Prescription for Health. Following the presentation, Dr Etz was invited to join the organization's Committee on Public Policy.

Sandra Echeverria, PhD attended the American Public Health Association conference from Nov 4-Nov 6.

Barbara DiCicco-Bloom, PhD attended the Annual Academy of Nursing Meeting held in Washington, DC on Nov. 8th and 9th.

Pamela Ohman-Strickland, PhD participated in a "Methodological Think Tank" at the Primary Care Research Methods and Statistical Conference held in San Antonio, Texas. The think tank focused on innovative ways to model the complex interdependencies found in organizational relationships. **Benjamin Crabtree, PhD** participated by providing insights into the theoretical models, while **Deborah Cohen, PhD** served as a qualitative methods expert during the think tank discussions.

John Scott, MD, PhD attended the Annual Meeting of the RWJF Generalist Physician Faculty Scholars Conference held in San Diego, CA from Nov. 28 – Dec. 1.

Andrew Sussman, PhD, MCRP (Assistant Professor in the Department of Family and Community Medicine at the University of New Mexico) visited the Division at the beginning of the month. Dr. Sussman is currently a co-Investigator on a randomized clinical trial aimed at preventing obesity among three to five year old children in Head Start programs throughout New Mexico (NIH/NIDDK); a co-Principal Investigator on a 18 month mixed method study through the Clinician and Translational Science Center at UNM aimed at determining successful

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implementation methods for screening and treatment of problem alcohol and opiate dependencies in primary care practice settings; and a co-Investigator on a 2-year study designed to examine barriers to colorectal cancer screening among Native American and Hispanic populations in New Mexico (NIH/NCI). He spoke at the Research Division meeting on Nov. 6; the title of his talk was "Why am I doing this?" - Obesity Counseling in the Primary Care Encounter."

Paul A. Nutting, MD, MSPH spent several days in NJ brainstorming with Ben Crabtree on dissemination strategies for our emerging insights into organizational dynamics. This work stems from ongoing analyses of the ULTRA data.

Frances Griffiths, MD, PhD of the Health Sciences Research Institute Warwick Medical School University of Warwick, Coventry, UK visited our campus on Nov. 26, 27. Dr. Griffiths coordinates the National Complexity in Primary Care Group and is a member and past Vice Chair of the European General Practice Research Network (EGRN). She undertakes collaborative research in Europe and North America. Dr. Griffiths spoke at our regular Tuesday division meeting; her topic "Using Qualitative Data to Understand the Emergent Dynamic of Living with Illness" was received well by those who attended.

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

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New Jersey Family Medicine Research Network (NJFMRN)

November 2007 was an exciting time for the Network. **ULTRA** (Using Learning Teams for Reflective Adaptation) the first large project for the Network is in the wind down phase with a few of the practices beginning to receive site reports. The report consists of feedback on the data collected in the practice since their original enrollment. There is an overview of the intervention experience, including initial impressions summarized from the facilitator observations and interviews in the individual sites at baseline and at follow-up visits. Each site will receive their summary rates of key measures from the medical record reviews collected at baseline and follow-up. In the tables, each site will be provided overall rates of all the practices participating in ULTRA and a benchmark of how the practices in their local region are performing on those measures.

SCOPE (Supporting Colorectal Outcomes Through Participatory Enhancements) is in the process of completing Wave 1 of the 1 year follow-up. SCOPE is the Networks second five year project and is funded by the NCI.

Elisa Bandera, MD, PhD, Primary Investigator for the **Jersey Girl** Project and her team have been busy working on recruitment strategies. Dr. Bandera has been interviewed over the past month by multiple members of the press (e.g. Star Ledger, Trenton Times, Home News and Tribune). The pilot study includes 100-150 girls, aged 9-10 years of age and will assess the feasibility of establishing a larger study of pre-pubertal girls in New Jersey that will collect follow-up information on their development. Research studies have identified puberty as a critical window in a woman's development that has a major impact on her future risk of developing breast cancer. The pilot focus is on environmental exposures, hormonal, and nutritional factors. Additional information can be requested by emailing: <mailto:jerseygirlstudy@umdnj.edu>

Upcoming projects:

- ✚ 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.
- ✚ 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.
- ✚ An EMR Survey to pilot test a survey of EMR acceptance and use with clinicians in the New Jersey Family Medicine Research Network.

Important NJFMRN dates:

Practice Managers will be meeting on December 19th from 10AM until 3 PM at Parker at Stone Gate on River Road in Piscataway. Fred Kobylarz, MD, MPH will be presenting to the group on Dementia and Cognitive Impairment in the Older Adult.

CEU Programs for 2008 have been scheduled for the following dates: February 26, March 25, April 29, May 20, June 24, September 30, October 28 and November 18. For additional information and registration forms please go to our website <http://rwjms.umdnj.edu/njfmrn/> or contact Terry Falco at (falcote@umdnj.edu) or 732-743-3387 or Enid Cruz at cruze2@umdnj.edu or 732-743-3382.

Happy Holidays from the New Jersey Family Medicine Research Network

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Published

Balasubramanian, BA., Cohen, DJ. Dodoo, M.S., Bazemore, A.W., Green, LA. Behavioral Change Counseling in the Medical Home. *American Family Physician*. 2007. 76(10): 1472.

Cohen, DJ. Book Review – Key Words In Qualitative Methods. Bloor, M and Wood, F. *Evaluation and Program Planning*. 2007. 30(2): 223-225.

JV Selby, BE Swain, RB Gerzoff, AJ Karter, BE Waitzfelder, AF Brown, RT Ackermann, OK Duru, A Ferrara, W Herman, DG Marrero, D Caputo, KMV Narayan, for the TRIAD Study Group [**JC Crosson**]. Understanding the gap between good processes of diabetes care and poor intermediate outcomes: translating research into action for diabetes (TRIAD). *Medical Care*, 2007;45 1144-53.

In Press

Cohen, DJ. "Keywords in Qualitative Methods, Bloor, M, & Wood, F." Book Review. *Evaluation and Program Planning* (in press).

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

Brazeau, C.; Rovi, S.; Washington, J.; **Crosson, JC**; "Chronic illness care quality in preceptorship sites. *Teaching and Learning in Medicine*. 2007; 18, 4: (in press).

JC Crosson, N Isaacson, D Lancaster, EA McDonald, T Schueth, **B DiCicco-Bloom, JL Newman, DS Bell.** Variation in electronic prescribing implementation among twelve ambulatory practices. *Journal of General Internal Medicine*. (in press).

C-W Tseng, E. Tierney, RB Gerzoff, RA Dudley, B. Waitzfelder, TR Ackermann, AJ Karter, P Piette, **JC Crosson,** Q Ngo-Metzger, R Chung, CM Mangione Race/Ethnicity and economic differences in cost-related medication underuse among insured adults with diabetes (in press *Diabetes Care*).

A Ferrara, DF Williamson, AJ Karter, TJ Thompson, C Kim, for the Translating Research into Action for Diabetes (TRIAD) Study Group [**JC Crosson**]. Sex differences in quality of health care received by patients with diabetes in a managed care population. In press. *Diabetes Care*

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)

Ferrante JM, Chen P, Kim S. "The Effect of Patient Navigation on Time to Diagnosis, Anxiety, and Satisfaction in Urban Minority Women with Abnormal Mammograms: a Randomized Controlled Trial," *J Urban Health*, 2007 (in press).

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Ferrante JM, Winston DG, Chen P, de la Torre A. Family Physicians' Knowledge and Screening of Chronic Hepatitis and Liver Cancer, *Fam Med*, 2007 (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).

Hahn K, Ferrante J, Crosson J, Hudson S, Crabtree B. Diabetes Flow Sheet Use Associated with Guideline Adherence *Annals of Family Medicine* (in press).

Hudson SV, Ohman-Strickland P, Cunningham R, Ferrante J, Hahn K, Crabtree BF. The effects of teamwork and system support on colorectal cancer screening in primary care practices *Cancer Detection and Prevention* (in press).

Natale-Pereira, A., Marks J, Vega MV, Mouzon DM, **Hudson SV**, and Salas-Lopez D. "Barriers and Facilitators for Colorectal Cancer Screening Practices in the Latino Community: Perspectives from Community Leaders." *Cancer Control* (in press).

Ohman Strickland PA, Orzano AJ, Hudson SV, Solberg LI, DiCiccio-Bloom B, O'Malley D, Tallia AF, Balasubramanian B, Crabtree BF. Association of diabetes care with presence of nurse practitioners and physician assistants in family medicine practices *Annals of Family Medicine* (in press).

Orzano AJ, Scott J, Hudson S, O'Malley D, Hahn K, Haywood-Harris S, **Falco T**, Johnson M, **Crabtree B**. Strategies for Conducting Complex Clinical Trials in Diverse Community Practices. *Medical Care* (in press).

Orzano AJ, McInerney CR, **Tallia AF**, Scharf D, **Crabtree BF**. A Knowledge Management Model: Implications for Enhancing Quality in Health Care *J American Society Information Science and Technology, JASIST*

Orzano AJ, McInerney CR, **Tallia AF**, Scharf D, **Crabtree BF**. Practice Performance and Knowledge Management: An Exploratory Analysis. *Health Care Management Review*.

Under Review

Cohen, DJ, Crabtree, BF. Integration of qualitative methods into clinical research: Emergent values regarding the rigor and quality. (under review *Annals of Family Medicine*).

Sussman A, Williams RL, Leverence R, Gloyd PW, **Crabtree BF**. Using Self Determination Theory to Explain Clinical Decision making in Primary Care (under review *Qualitative Health Research*).

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*).

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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).

CJ Wang, M Patel, AJ Schueth, M Bradley, S Wu, **JC Crosson**, PA Glassman, DS Bell. Effects of standards-based electronic prescribing systems on outpatient primary care practice: a physician survey. (under review Medical Care.)

SL Ettner, BL Cadwell, LB Russell, A Brown, AJ Karter, M Safford, C Mangione, G Beckles, WH Herman, TJ Thompson, and the TRIAD Study Group [**JC Crosson**]. Diabetes self-care: do socioeconomically disadvantaged patients spend more or less extra time looking after themselves? (under review Health Economics.)

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

Ferrante JM, Winston DG, Chen P, de la Torre A. Family Physicians Knowledge and Practices Regarding Chronic Hepatitis and Monitoring for Liver Cancer, (under review Family Medicine).

Ferrante JM, Chen P, Kim S. The Effect of Patient Navigation on Time to Diagnosis, Anxiety, and Satisfaction in Urban Minority Women with Abnormal Mammograms: a Randomized Controlled Trial, (under review J Urban Health).

Kim SH, **Ferrante JM**, Won B, Hameed MR. Black Race Is Independently Associated With Worse Outcome After Treatment For Breast Cancer, (under review Annals of Surgical Oncology).

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).

Scott, JG, **Cohen, D**, **DiCicco-Bloom, B**, **Crabtree, BF**, Stange, K, Miller, W, Understanding Healing Relationships in Primary Care (under review New England Journal of Medicine).

Shaw E, **DiCicco-Bloom B**, **Crosson JC**, **Looney JA**, **O'Malley D**, **Crabtree BF**. Understanding Family Relationships in Family Medicine Practices. (under review JGIM).

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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.

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.

JC Crosson, B Balasubramanian, P Ohman-Strickland, 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 UK pay-for-performance standards.

JC Crosson, P Ohman-Strickland, B Balasubramanian, M Roland, RL Phillips, A Bazemore, M Dodoo, 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.

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).

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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.

Ferrante J, Ohman-Strickland P, Hahn K, Hudson S, Shaw E, Crosson J, Crabtree B. Self-Report Versus Medical Records for Assessing Preventive Services Delivery.

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

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.

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

Rebecca Etz, PhD attended the annual meeting of the American Anthropological Association. Dr Etz organized, chaired and gave a paper in two of the presidential sessions. Her work focused on the ability of anthropology to answer the need for translational research in primary care, drawing on her HRSA fellowship training and her work as an analyst in Prescription for Health. Following the presentation, Dr Etz was invited to join the organization's Committee on Public Policy.

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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.

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.

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.

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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.

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.

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 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.

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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.

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.

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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.

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; 2005–2007; 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; 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.

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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)

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 7/16/07. Proposed dates: 4/1/ 2008 – 3/31/ 2010. \$468,000 (total award) This grant has received a score of 120.

Purpose: 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.

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, \$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.

Hudson, S., PI: "Life After Cancer: Examining Survivor Transitions from Specialist to Primary Care," National Cancer Institute; 2008 - 2012; total project costs \$566,452
Update (September): This received a score of 169 and will be reviewed during the October council meeting for a funding recommendation.
Update (October): Resubmission on 11/9/07

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 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.