

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

On January 30, members of the Research Division hosted a “Wish Well” breakfast for **Anda Cytroen** and **Dena O’Malley** who served us so well for so many years. Anda and Dena are now working with Ben Crabtree to support the CINJ Population Science Program. They will be truly missed! Joining the Division as the new Research Administrator is **Maria Pellerano**, who brings tremendous assets in program administration, finance, and working with non-profit organizations (and, importantly, she is also a Master Gardener).

Bijal Balasubramanian successfully defended her dissertation and graduated with a PhD in Public Health with a concentration in Epidemiology on January 15, 2008. Congratulations, Bijal! Much of Bijal’s work has focused on disparities in breast cancer treatment, so her continued work in this area will be of great benefit to CINJ’s Population Science Program.

Debra Lancaster was invited to give a presentation as part of a seminar at the Rutgers’ School of Management and Labor Relations on January 22. She adapted and expanded her 2007 NAPCRG presentation on *Effects of Electronic Prescribing Implementation on the Role of MA’s in Ambulatory Care Prescription Workflow*.

Dena O’Malley and **Eric Shaw** held a two-day facilitation/organizational change training at the Department of Family Medicine, Research Division. Participants came from several organizations and universities, including Lehigh Valley Hospital, RPS Consulting, Indiana University, and Maine Medical Center.

The weekly Division meetings highlighted two important areas of research. On January 15 **Lynn Clemow, PhD**, Clinical Associate Professor in the Department of Family Medicine, presented “Stress Reduction Approaches to Treating Hypertension” based on her current study of the use of device-guided breathing to treat hypertension that is funded by NHLBI. Dr. Clemow is a clinical health psychologist with over 20 years of experience doing clinical work and research in academic healthcare settings addressing the care of patients with problems including cardiovascular disease, cancer, and diabetes. On January 22, **Karissa A. Hahn, MPH**, provided an information talk on "Geographic Information Systems in Healthcare Research." Karissa is a Research Associate in the Department of Family Medicine with research training in epidemiology. Her interests include family medicine research, healthcare disparities, quantitative data analysis, and GIS mapping and analysis.

The Division also hosted several seminars from members of CINJ’s Population Science Program. On January 15 **Jane Lewis, DrPH** from the Department of Health Education and Behavioral Science at the UMDNJ School of Public Health presented "Increasing Surveillance of Tobacco Industry Direct Mail Marketing." Dr. Lewis’ research involves tobacco industry marketing, particularly direct marketing through direct mail, e-mail, and brand websites. On January 22, the speaker was **Jill Williams, MD**, a Board Certified Addictions Psychiatrist specializing in treatment of tobacco and other addictions in mentally ill populations. She is an

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Associate Professor and Director of the Division of Addictions Psychiatry at the UMDNJ-Robert Wood Johnson Medical School, Department of Psychiatry. The title of her presentation was "The Neurobiology of Tobacco Use and Mental Illness." Finally, on January 29, **Benjamin F. Crabtree, PhD** presented "Transformation is Hard Work: Lessons from Primary Care Practice Interventions." This talk overviewed a 15 year program of research that investigates organizational change and possible applications to the Population Science Program.

In mid January, **Benjamin Crabtree** participated in a Center Directors Retreat in San Antonio for the AAFP Funded Center for Research in Family Medicine and Primary Care. Also participating in the retreat were Kurt Stange, MD, PhD (Case Western Reserve University), Carlos Jaen, MD, PhD (UTHSCSA), William Miller, MD, MS (Lehigh Valley Hospital) and Paul Nutting, MD, MSPH (University of Colorado). A major topic of discussion was coordinating the Center's program of research, including the forthcoming March Retreat being hosted by the Division. In addition, these same collaborators also spent two days analyzing data collected as part of the evaluation of the AAFP's National Demonstration Project (TransforMED). Dr. Crabtree has a subcontract to participate in this evaluation.

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New Jersey Family Medicine Research Network (NJFMRN)

It is hard to believe that January has come and gone by so quickly. The administrative and support staff met mid month to review Network growth to date and continue to plan on its future development and enhancement of relationships with practices and collaborators. Currently the Network consists of approximately 125 practices and over 400 clinicians. Although the majority of practices are family medicine, we also have pediatricians, internal medicine, some geriatricians and practices involved in CAM.

The Network portfolio continues to grow in its diversity and complexity. Multiple investigators have submitted applications for projects that will involve practices across the State. Topics include but are not limited to ULTRA, SCOPE, hypertension, diabetes, EMR/EHR (electronic medical records/electronic health records), survivorship, obesity, pharmaceutical interactions in practices, pre-pubertal girls and their development, smoking, air pollution, prostate cancer and health surveys.

Applications for project submissions can be obtained by going to the website at <http://rwjms.umdnj.edu/njfmrn> or contact the office at 732-743-3387.

The Network Continuing Education Program began in 2007 with 2 sessions for practice nurses and has increased to 8 sessions in 2008. Nurses receive 2 CEU's for each session completed. The CEU calendar for 2008, including topics and registration form is available on the website at: <http://rwjms.umdnj.edu/njfmrn>

Projects scheduled for 2008 are:

- ✚ 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 for February and March are:

February 26th from 6 – 8:30 PM the CEU session will be on Prevention & Wellness given by Rita Musanti, PhD .

March 19th the Practice Managers will meet from 10 AM – 3 PM

March 25th the CEU focus will be Psych Medications and the presenter will be Benjamin Chavez, PharmD

All the above meetings take place at the Network office located at 1 Worlds' Fair Drive in Somerset. Contact Terry Falco at (falcote@umdnj.edu) or 732-743-3387 or Enid Cruz at cruze2@umdnj.edu or 732-743-3382 for additional information.

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Published

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 Vol. 85, No. 1

Ohman Strickland PA, Orzano AJ, Hudson SV, Solberg LI, DiCiccio-Bloom B, O’Malley D, Tallia AF, Balasubramanian B, Crabtree BF. Quality of diabetes care in family medicine practices: influence of nurse-practitioners and physician's assistants. *Annals of Fam Med.* 2008 Jan-Feb;6(1):14-22.

Orzano AJ, McInerney CR, **Tallia AF**, Scharf D, **Crabtree BF.** Practice Performance and Knowledge Management. *Health Care Management Review* 2008;33(1):21-28.

In Press

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

Cho JJ, Kim, JY, Chang SJ, Fiedler, N, Koh SB, **Crabtree B**, et al. Occupational stress and depression in Korean employees. *International Archives of Occupational and Environmental Health* (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).

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. *Diabetes Care* (in press).

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? *Health Economics* (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)

Ferrante JM, Winston DG, Chen P, de la Torre A. Family Physicians’ Knowledge and

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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).

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).

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

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

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)

Crabtree BF, Miller WL, McDaniel RR, Stange KC, Nutting PA, Jaen C. Thriving in an Unhealthy Environment: Building Adaptive Capacity in Primary Care. (under review Journal American board of Family Medicine).

Crabtree BF, McDaniel RR, Nutting PA, Lanham H, **Looney JA**, Miller WL. Moving Beyond the Dual Organization: Strategies for Creating the Medical Home. (under review Family Practice Management).

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 PA**, Campbell S, Phillips RL, Roland M, **Balasubramanian BA**, Kontopantelis E, Bazemore A, **Crabtree BF**. Pay for Performance by Investing in Primary Care (under review – Health Affairs)

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).

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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.)

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, 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 Medical Care).

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).

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. (under review 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).

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)

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

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

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.

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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.*

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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

Bijal Balasubramanian graduated with PhD in Public Health with a concentration in Epidemiology on Jan 15, 2008

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" accepted for poster presentation at the 32nd Annual American Society of Preventive Oncology Meeting to be held March 16-18, 2008 in Bethesda, Maryland.

Debra Lancaster was invited to give a presentation as part of a seminar at the Rutgers' School of Management and Labor Relations on January 22. She adapted and expanded upon the 2007 NAPCRG presentation by Lancaster, Crosson, Isaacson, DiCicco-Bloom & Bell, *Effects of Electronic Prescribing Implementation on the Role of MA's in Ambulatory Care Prescription Workflow*.

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a subcontract to participate in this evaluation.

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 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-

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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.

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.

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

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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.

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

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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.

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)

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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, \$60,000.

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.

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.

Lancaster, DH, Co-Investigator: “Initiative on the Direct Care Workforce.” Submitted to the Rutgers, The State University of New Jersey, Academic Excellence Award Program. \$140,000. July 2008-Fall 2009.

The mission of the IDCW is to establish an interdisciplinary network of scholars whose research focuses on a range of industries employing direct care workers in order to encourage scholarly exchange and innovation and to facilitate research of interest to academics, practitioners and public policy makers. Eileen Appelbaum, Director of the Center for Women and Work and Prof. II at the School of Management and Labor Relations would serve as PI. Co-investigators would

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also include researchers from the Rutgers School of Social Work and the Graduate School of Education.