

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

The Division had a major presence at October's North American Primary Care Research Group (NAPCRG) Annual conference in Vancouver, BC. As noted below under conference presentations, Division members presented 11 podium presentations and 5 posters. In addition, Ben Crabtree contributed to an all day pre-conference workshop on applications of complexity science in primary care.

In addition to her presentation at NAPCRG, **Anna Looney, PhD** attended a meeting of the TRIAD (Translating Research Into Action for Diabetes) Steering Committee in Waikiki, Hawaii. Her presentation: "Findings on physician attitudes toward diabetic patients and how it affects their interactions and expectations of patient compliance." **Deborah Cohen, PhD** attended the American Academy of Communication in Healthcare conference (AACH) in Charleston, SC. She presented preliminary findings from an NCI-funded R01 (1R01 CA105292001a1) that she is working on with Dr. Susan Flocke from Case Western Reserve University. The study examines the delivery of cancer preventive health behavior advice during primary care illness visits. Her talk was titled "Constructing Teachable Moments: One strategy for delivering health behavior advice during primary care illness visits." Using audio-recorded data, Dr. Cohen and her colleagues analyzed 277 visits that included health behavior advice. In this presentation, she described one efficient strategy for integrating highly relevant and potentially persuasive health behavior advice into illness visits. **Benjamin Crabtree, PhD** participated in an invitational conference in Indiana hosted by the Regenstrief Institute. His presentation was titled "Transformation is Hard Work: Lessons from TransforMED's National Demonstration Project.

During the month of October, the Research Division continued to host CINJ Population Science members as speakers at the weekly Tuesday morning meetings. **Maureen Huhmann, MS, RD**, a Clinical Dietitian at The Cancer Institute of New Jersey, described her research on quality of life (QOL) in cancer patients. She has 2 studies in which she is actively enrolling patients, looking at the impact of nutrition counseling on body composition and QOL and the other seeking to validate a Nutritional QOL tool. The title of her presentation was "Clinical Nutrition Research at The Cancer Institute of New Jersey." **John Scott, M.D., Ph.D**, an Assistant Professor in the Department of Family Medicine, summarized the work on healing he has been doing over the past 4 years as part of his RWJF Generalist Physician Faculty Scholar award. The title of his presentation was "Healing Relationships in Cancer Survivors." **Grace Lu-Yao, PhD**, a cancer epidemiologist at the Cancer Institute of New Jersey, reported on her research interests on the epidemiology of prostate cancer and outcomes assessment of prostate cancer therapies. Currently Dr. Lu-Yao is the PI of "Evaluation of palliative prostate cancer care among elderly men" and "Testosterone supplementation and risk of prostate cancer." She is also working with a team of biostatisticians, cardiologists, and oncologists to evaluate cardiovascular risks following

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androgen deprivation therapy among patients with localized prostate cancer. The title of her presentation was "Prostate Cancer Survivors' Challenge - Sailing in the Uncharted Water."

**Benjamin F. Crabtree, PhD
Professor and Director**

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New Jersey Family Medicine Research Network (NJFMRN)

The month of October flew by on the Somerset Campus. The Network's Convocation of Practices took place on October 27th and one of the key presentations was given by Adarsh Gupta, DO, Family Physician and Health IT Consultant on EMR "Getting the Right Fit". Dr. Gupta presented practice challenges, strategies, struggles and goals of successful purchase and implementation of electronic medical records systems in practices. Dr. Gupta can be contacted at guptaad@umdnj.edu. The second presenter was Lori Shore, CPC, RCC and her specialty and convocation focus was on Family Medicine and Compliant Billing. Ms. Shore is dedicated to increasing practice reimbursement utilizing evaluation and management techniques; effective coding and the use of appropriate modifiers.

Midmonth the Network Board met at the office in Somerset and discussed current projects and moving the Network into 2008 by meeting the needs of the clinicians, nurses, practice managers and ultimately benefiting patients across New Jersey. The Board is scheduled to meet on January 31st, April 17th and July 10th of 2008. Meeting dates for the second half of 2008 will be listed as they become available. The Board is comprised of private practice clinicians in addition to academic partners from the New Jersey Medical School, the Robert Wood Johnson Medical School, School of Osteopathic Medicine and the Cancer Institute of New Jersey.

Network practices participating in the study are the Robert Wood Johnson/University Medical Group Somerset Pediatrics and Hunterdon Family Practice & Obstetrics. Each site will participate in the pilot study of 100-150 girls, aged 9-10 years to 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. This pilot focuses 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 November 19th from 10AM until 3 PM at the Network office in Somerset – Presenters and location to be determined.

Asthma / COPD will be the focus of the next CEU program held on Tuesday evening, November 27th at 6:30PM. Registration is required, contact the Network office.

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For additional information on any Network activities, contact Enid Cruz at 732-743-3382 (cruze2@umdnj.edu) or Terry Falco 732-743-3387 (falcote@umdnj.edu) or visit the website at <http://rwjms.umdnj.edu/njfmrn/>

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In Press

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

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).

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

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practices (under review Journal of General Internal Medicine).

JC Crosson, S Wu, N Isaacson, B Diccico-Bloom, T Schueth, D Lancaster, EA McDonald, JL Newman, M Patel, CJ Wang, DS Bell. A multi-method observational protocol for evaluating the effects of electronic prescribing in ambulatory care settings. (Under review. BMC Health Services Research).

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).

C-W Tseng, et. al., **JC Crosson.** Race/Ethnicity and economic differences in cost-related medication underuse among insured adults with diabetes. (under review. Diabetes Care).

C Brazeau, S Rovi, R Schroeder, C Heaton, JC Washington, **JC Crosson.** Quality of care in academic and community practices of a third year family medicine clerkship. (under review Academic Medicine).

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

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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: 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.

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, Diez-Roux A, Shea S, Borrell L, Jackson S. "Associations of neighborhood problems and neighborhood social cohesion with mental health and health behaviors". (To be submitted to the journal Health and Place).

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, 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

Cohen, DJ. Flocke, SE. Lawson, P. How teachable moments are co-constructed to deliver health behavior advice during primary care visits. Presented at the American Academy on Communication in Health care, Charleston, SC, October 9-12, 2007.

Benjamin Crabtree, PhD participated in an invitational conference hosted by the Regenstrief Institute. Presentation was titled "Transformation is Hard Work: Lessons from TransforMED's National Demonstration Project" Indianapolis, Indiana Oct. 2-4, 2007.

Anna Looney, PhD attended a meeting of the TRIAD (Translating Research Into Action for Diabetes) Steering Committee in Waikiki, Hawaii. Presentation: "Findings on physician attitudes toward diabetic patients and how it affects their interactions and expectations of patient compliance."

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NAPCRG Presentations Vancouver BC October 20-22, 2007

Papers:

Balasubramanian, Bijal; Ohman-Strickland, Pamela; Crabtree, Benjamin F., "Using Learning Teams or Reflective Adaptation: Results from a Quality Improvement Intervention to Improve Adherence to Guidelines for Diabetes and Hypertension in Primary Care Practices".

Cohen, DJ. And Crabtree, BF. "Integration of qualitative methods into clinical research: Emergent values regarding rigor and quality".

Crosson, Jesse C.; Bell, Douglas S. ; Isaacson, Nicole; Lancaster, Debra; DiCicco-Bloom, Barbara; McDonald, Emily A.; Schueth Tony, "Effect of e-prescribing in ambulatory settings: evaluation of the formulary and benefit standard".

Ferrante JM, Chen P, Kim S., "Effectiveness of Patient Navigation on Diagnostic Interval, Anxiety, and Satisfaction of Minority Women with Abnormal Mammograms: a Randomized Controlled Trial".

Lancaster, Debra; Crosson, Jesse C.; Isaacson, Nicole; DiCicco-Bloom, Barbara; Bell Douglas S., "The Effect of Electronic Prescribing Implementations on the Role of Medical Assistants in Ambulatory Care Prescription Workflow".

Looney, J. Anna; O'Malley Denalee; Cho, Jung-Jin; Nutting, Paul A; Miller, William L; Crabtree, Benjamin F., "Leaders and Leadership in the Primary Care Setting: Seeking A New Paradigm".

O'Malley, Denalee, DiCicco-Bloom, Barbara; Looney, J. Anna; Shaw, Eric; Crosson, Jesse; Crabtree, Benjamin, "Implementing Advanced Access in a Complex Adaptive System: Implications for Family Medicine Practices".

Orzano, John A.; Tallia, Alfred; McInerney, Claire; Meese, Abigail, "Knowledge Management in Family Practices and Implications for Improving Performance".

Scott, John G., Cohen, Deborah; DiCicco-Bloom, Barbara; Crabtree, Benjamin F. "Relationships Matter: Understanding Healing Relationships in Primary Care".

Shaw, Eric K; Balasubramanian, Bijal; Crabtree, Benjamin F., "The Effect of Key Organizational Attributes on Cancer Screening Rates".

Stewart, Elizabeth E.; Crabtree, Benjamin F.; Nutting, Paul A.; Jaén, Carlos R., "Practice Transformation is a Ton of Work: Early Lessons from the Qualitative Data Analysis of the National Demonstration Project".

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Posters:

DiCicco-Bloom, Barbara; Frederickson, Keville; O'Malley, Denalee; Ohman-Strickland, Pamela; Balasubramanian, Bijal; Shaw, Eric; Crosson, Jesse C.; Looney, Anna, "Social Capital in Primary Care Practices: A Model to Improve Practice Performance".

Echeverria, Sandra; Lontok, Oliver; Ohman-Strickland, Pamela; Hudson, Shawna; Vega, Marielos; Demissie, Kitaw; Crabtree, Benjamin "Practice-level Factors Influencing Cancer Screening Services".

Ferrante, Jeanne M.; Balasubramanian, Bijal; Hudson, Shawna V.; Crabtree, Benjamin F. "Attributes Of Primary Care and Receipt of Cancer Screening".

Ohman Strickland, Pamela; Hudson, Shawna; Cohen, Deborah; Orzano, John A; Crabtree, Benjamin, "Comparisons of the effectiveness of components of the Chronic Care Model for diabetes care, diet and exercise counseling and colorectal screening".

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 hypertensives 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

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Diseases (U58/CCU223529). January 2004 – January 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.

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; payor, 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,

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1 K07 CA101780-01A2 Dates: 9/8/05-8/31/09, 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: 4/1/07-3/31/08, 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 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, 04/01/07-03/31/09

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, 04/01/07-03/31/09

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.

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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, 07/01/07-06/30/11, 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, 05/01/06-04/30/09, 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, 09/01/2006-03/14/2010, 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.

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A subcontract that seeks to develop an evidence-based early warning system to identify and remediate at-risk practitioners who are at a high probability of causing harm to the public.

Scott, JG, PI: Robert Wood Johnson Generalist Physician Faculty Scholars Program, “Balancing Priorities: Healing in the context of evidence-based medicine”; Robert Wood Johnson Foundation; 2004 – 2008; total project costs: \$300,000.

This grant supports Dr. Scott to explore how the doctor-patient relationship promotes patient healing.

Tallia, A.F., PI: “Academic Administrative Units in Primary Care”, 1 R18 DK067083-01A2, Health Resources and Services Administration; September 2005 – August 2008; total project costs: \$741,915.

The major goals of the grant are to: 1) develop a state-wide quality of care research network; 2) 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; September 2005 – August 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)

Cohen, DJ, PI: Cardiovascular Disease Care and EMR Use in Community-Based Primary Care Research Practice. National Heart, Lung, and Blood Institute; 2008-2010; total project costs: \$429,001.

An ancillary grant to HL07800, this grant paves the way for innovative interventions to improve cardiovascular disease care by identifying strategies that support effective EMR use and high quality cardiovascular disease care in community-based primary care settings.

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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. Methods: We have adapted instruments developed in a series of funded studies for use in practice self-assessment. Six primary care practices will use these tools to assess existing diabetes care processes. Practices will use the organizational self-assessment findings to direct the development of a disease registry and integrate the use of the registry into existing workflow to improve processes of care that are tightly linked to intermediate outcomes. A field researcher will collect qualitative and quantitative data on the feasibility of the intervention, expenses associated with the process of registry development and use, and on the fidelity of the self-assessment process. We will assess diabetes care quality before and after the intervention through medical record review. Outcomes: Analysis of the feasibility study data will inform the development of a group randomized controlled trial of the intervention.

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: 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.