

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

Research – Benjamin Crabtree, PhD

The vision of the UMDNJ-RWJMS Family Medicine Research Division is to develop and sustain a nurturing and productive research environment that fosters collaborative transdisciplinary approaches to promote the health of families and communities by improving quality of care and eliminating health-related disparities.

Message from the Director:

We are proud to acknowledge the selection of Bijal Balasubramanian, MBBS, PhD into the Delta Omega Honorary Society in Public Health, Alpha Eta Chapter. Bijal received the Stuart D. Cook, MD – PhD Student Public Health Research Award at the UMDNJ-School of Public Health Convocation Ceremony.

At the ‘Annual Retreat on Cancer in New Jersey’ conference (May 28) Bijal Balasubramanian presented two papers:

- Balasubramanian BA, Demissie K, Crabtree BF, Ohman-Strickland PA, Kohler B, Rhoads GG. Racial Differences in Delays in Treatment of Early Breast Cancer among Medicaid Beneficiaries.
- Balasubramanian BA, Demissie K, Crabtree BF, Ohman-Strickland PA, Kohler B, Rhoads GG. Racial Differences in Treatment of Early Breast Cancer among Medicaid Beneficiaries.

Nicky Isaacson, PhD attended the AHRQ (Agency for Healthcare Research) conference in Bethesda MD (June 11-13). On June 13, she gave a presentation entitled “Facilitating Role Change: An Analysis of Primary Care Teams”. Debra Cohen, PhD also attended this conference. She presented at the Plenary session. The title of her work was: Green, LA., Cifuentes, M. Fernald, D. Niebauer, L. and **Cohen, DJ**. Prescription for Health: 5 years, 27 Projects, 22 PBRNs and 1 A-Team. Eric Shaw, PhD and Christina Felsen, MPH received travel awards from AHRQ to attend this conference.

In June, we welcomed a new member to our division, Jenna Howard. She joined the Department of Family Medicine as a qualitative researcher/facilitator for the SCOPE study. She will be working with multiple primary care practices using the MAP/RAP methodology. Ms. Howard also will be defending her dissertation in July with the Department of Sociology, Rutgers University. Jessica Raber, Toya Simmons, and Caterina Zammit – were hired as summer interns for patient recruitment supporting SCOPE.

On June 16, J. Orzano, MD, MPH submitted a grant entitled Taking Action by Learning and Knowledge Management to Improve DM (DK-083470). This R34 grant seeks to test a combined organizational and patient level intervention to improve glycemic, blood pressure, and lipid control in adult patients with diabetes by enhancing patient self-management support.

On June 21, NJFMRN serviced a booth at the New Jersey Academy of Family Physicians Summer Session and Scientific Assembly. Terry Falco worked fearlessly to recruit more practices into the Network. The booth was also manned by Benjamin Crabtree, PhD, John Scott, MD, PhD, Lynn Clemow, PhD and Maria Maresca, MS, MA. Later that evening Robert Spierer, MD (past president of the NJAFP) was the recipient of the “Chairs” Award for Lifetime Achievement.

Early in the month, we were treated to Dr. Crabtree’s slideshow of his recent trip to Japan. His

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slides not only captured the beauty of the country, but since Dr. Crabtree is such a history buff, his photos also included several historical sites. A quite enjoyable experience for all who attended.

A garden grows at Worlds Fair Drive. A Division-wide effort has produced a colorful batch of flowers, herbs, and vegetables in a once abandoned planter bed. Maria Maresca cheerfully accepted plant donations. The plants were donated by Bijal Balasubramanian, Pam Ohman-Strickland, Maria Pellerano, John Scott, and Robert Spierer. Bijal, Benjamin Crabtree, and Maria Pellerano cleared and planted the space, Lorraine Lacroix took charge of mulching, and Cynthia Duncan-Robinson provide design advice and moral support. Bijal, Maria Maresca and Maria Pellerano watered the plants in the days before the rains and the hose. The results are that the Division's faculty, staff, and guests are greeted by a beautiful space. And the bees are loving it too!

The weekly Division meeting featured some informative presentations. On June 17, the guest speaker was James M. Gill, MD, MPH. Dr. Gill is President of Delaware Valley Outcomes Research. He is also Associate Professor of Family and Community Medicine and Senior Scientist in the Department of Health Policy at Thomas Jefferson University School of Medicine. Dr. Gill is a Senior Policy Associate at the University of Delaware School Of Urban Affairs and Public Policy as well as an adjunct professor at the University of Delaware. Additionally, Dr. Gill Is a Research Consultant, in the Department of Family Medicine at UMDNJ-RWJ Medical School, Camden, NJ. Dr. Gill is also involved in efforts to improve the quality of care at a local level, by using computerized medical records and other data systems to examine quality of care in physicians' offices in Delaware. Much of this research has focused on using electronic medical record (EMR) systems to measure and improve quality of care in outpatient settings. he title of his presentation was "Using Electronic Health Records for Quality and Outcomes Research in Primary Care."

The June 24th guest speaker was Wansoo Im, Ph. D. Wansoo Im is the founder of VERTICES, LLC, a geospatial information services company that provides innovative and interactive map-based solutions. He is an adjunct faculty member at Rutgers University. Dr. Im specializes in unique decision support systems that utilize spatial data visualization and modeling techniques. His current projects utilize community participatory geographic mapping systems for community asset mapping, workability and bikeability audits involving K-12 students using Google Maps and Google Earth API. His work has been featured in The New Yorker magazine in 2006 as well as in the New York Times in 2008 for his community participatory internet mapping project. Presentation Title: "Promoting Healthy Life Style by using Community Participatory Mapping".

The Division continues to host the bi-weekly CINJ Population Science Meetings. June 3 guest speaker was Kiameesha R. Evans, MPH, CHES, Program Director of the Office of Community Outreach at The Cancer Institute of New Jersey (CINJ). Her role at CINJ includes building relationships with community-based organizations and affiliated hospitals to increase cancer awareness, screening, detection, and recruitment into clinical trials. The title of her presentation was "A review of activities and projects in the Office of Community Outreach".

The speaker for the June 24 meeting was Daniel Wartenberg, PhD, Professor and Chief, Division of Environmental Epidemiology, Department of Environmental and Occupational Medicine, RWJMS. Dr. Wartenberg's main research interest is the development and application of

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novel approaches to the study of environmental risk, pollution, and public health, with particular emphasis on geographic variation, disease clustering and the application of Geographic Information Systems (GIS). His study topics include the health of flight attendants, nuclear workers, and Persian Gulf War veterans, investigation of health effects from exposure to incinerator emissions, pesticides, power lines, solvents and toxic chemicals, as well as methodological developments in epidemiology and quantitative risk assessment. His presentation was “Spatial Epidemiology and Environmental Public Health Tracking (EPHT)”.

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New Jersey Family Medicine Research Network – NJFMRN

The Network participated in the NJAFP Scientific Assembly held June 19 – 22nd in Atlantic City, NJ. The Assembly is the largest gathering of Family Physicians in New Jersey. Devra Davis, PhD, MPH (Keynote Speaker) presented “The Secret History of the War on Cancer”. Network attendees were: Benjamin Crabtree, PhD; John Scott, MD, PhD; Lynn Clemow, PhD; Maria Maresca and Terry Falco. Mark your calendars and make plans to join your clinician colleagues at the **2009 Scientific Assembly** scheduled for **June 18th – 21st** in the Convention Center in Atlantic City.

Congratulations to Robert Spierer, MD; NJFMRN Medical Director the recipient of the “Chairs” Award for Lifetime Achievement presented at the Assembly, Saturday evening June 21st.

The mission of this primary care practice-based research network is to establish a community of practice for creating and managing knowledge that informs, serves, and improves PCP’s and the health of their patients in New Jersey. The NJFMRN must bring added value to its participating membership.

Keeping in mind the mission, the following projects are ongoing or on the horizon:

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

Visit the website at <http://rwjms.umdnj.edu/njfmrn> for applications, updates future events and projects.

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Published

Orzano AJ, Ohman Strickland P, Patel M. What Can Family Medicine Practices Do To Facilitate Knowledge Management? *Health Care Management Review* 2008;33(3):216-224.

In Press

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

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

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

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

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

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

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

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

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

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

Fyffe D, **Hudson SV, Fagan J, Brown D.** Knowledge and Barriers Related to Prostate and

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Colorectal Cancer Prevention in Underserved Black Men. Journal of the National Medical Association (in press).

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

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

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

Under Review

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

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

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

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

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

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

Phillips RL, Dryer M, Weyer SM, Guirguis-Blake J, **Crabtree BF**, McNellis R, Johnson-Pawlson J. The direct observation of nurse practitioners and physician assistants in primary care practice: are there differences and do they matter? (revisions requested Annals of Family Medicine).

Jesse C. Crosson, Pamela A. Ohman-Strickland, Stephen Campbell, Robert L. Phillips, Martin Roland, **Bijal A. Balasubramanian**, Evangelos Kontopantelis, Andrew Bazemore, **Benjamin**

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F. Crabtree. Pay for Performance by Investing in Primary Care. (Under review-Ann Fam Med).

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

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

Cappiello, M., **Cunningham, R. S.**, Knopf, M. T., & Erdos, D. (2006). Breast Cancer Survivors: Information and Support Needs After Treatment (submitted for review: Clinical Nursing Research).

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

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

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

Ferrante JM, Ohman-Strickland P, Hahn K, Hudson SV, Shaw EK, Crosson JC, Crabtree BF. Self-Report Versus Medical Records for Assessing Cancer Preventive Services Delivery. (under review - Cancer Epidemiology Biomarkers and Prevention).

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

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

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

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

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

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

In Process

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

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

Crosson JC, Ohman-Strickland P, Hahn K, Bass C, Shaw E, O’Connell ME, Crabtree BF. Divergent views of physicians and staff regarding decision-making in family medicine practices.

Crosson JC, DiCicco-Bloom B, Shaw E, O’Malley D, Crabtree BF. Electronic medical records and adherence to diabetes guidelines in primary care: a multimethod comparative case study.

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.

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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.

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.

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, MSSB, PhD presented the following at the 'Annual Retreat on Cancer in New Jersey' conference:

- **Balasubramanian BA, Demissie K, Crabtree BF, Ohman-Strickland PA, Kohler B, Rhoads GG.** Racial Differences in Delays in Treatment of Early Breast Cancer among Medicaid Beneficiaries.
- **Balasubramanian BA, Demissie K, Crabtree BF, Ohman-Strickland PA, Kohler B, Rhoads GG.** Racial Differences in Treatment of Early Breast Cancer among Medicaid Beneficiaries.

Debra Cohen, PhD gave a plenary presentation at the Agency for Healthcare Research and Quality (AHRQ) Meeting held in Bethesda, MD June 11-13:

Green, LA., Cifuentes, M. Fernald, D. Niebauer, L. and **Cohen, DJ.** Prescription for Health: 5 years, 27 Projects, 22 PBRNs and 1 A-Team.

Nicky Isaacson, PhD also gave a presentation at this conference: Facilitating Role Change: An Analysis of Primary Care Teams.

Eric Shaw, PhD and Christina Felsen, MPH received travel awards from AHRQ to attend the annual "Practice-Based Research Network" conference in Bethesda, MD from June 11-13.

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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.

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.

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This work supports the NJFPRN to offer investigators an opportunity to have direct access to community-based patients and physicians in order to translate research evidence into community-based primary care practices with a long-term vision of enhancing the quality of care patients receive in New Jersey.

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

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

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

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

Crosson, JC, PI: “Organizational self-assessment to improve diabetes care in primary care practices.” National Institute for Diabetes and Digestive and Kidney Diseases.
R34 resubmission 5/15/08-4/20/2010. \$468,000 (total award)

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

DiCicco-Bloom, B., PI: Institutional National Research Services Award (T32). Health Resources and Service Administration, 2003 – 2008; total project costs: \$1,319,174.

The NRSA fellowship seeks to produce researchers who: 1) are knowledgeable about national, state, and local health promotion and disease prevention; 2) are capable of investigating the appropriateness, effectiveness, and quality of health care in primary care settings; and 3) contribute to ongoing clinical and health policy research.

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

The NRSA fellowship seeks to produce researchers who: 1) are knowledgeable about national, state, and local health promotion and disease prevention; 2) are capable of investigating the appropriateness, effectiveness, and quality of health care in primary care settings; and 3) contribute to ongoing clinical and health policy research.

Ferrante Jeanne, PI: “Breast and Cervical Cancer Screening in Obese Women”, NIH/NCI,

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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.

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

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

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

The objective of this project is to determine the effectiveness of a breast health patient navigator in helping women overcome barriers in obtaining breast cancer screening, diagnostic, treatment, and follow-up services.

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

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

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

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

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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 Latino Medicare Beneficiaries," Centers for Medicare & Medicaid Services, Demonstration Project, 2006 - 2010, Research Methodologist, total project costs \$2,852,878.

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

Hudson, S., PI: "Life After Cancer: Examining Survivor Transitions from Specialist to

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

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

Orzano AJ, PI: Capacity in Organizational Research, AHRQ (K08 HS014018) Career Development Award; 2004 – 2008; total project costs: \$435,219.

This grant supports a variety of educational strategies designed to make Dr. Orzano an expert in relevant organizational performance measure and to enhance his skills in survey and multimethod research approaches.

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

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

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

The major goals of the grant are to: 1) develop a state-wide quality of care research network; 2) support a critical mass of family medicine researchers, and 3) build the infrastructure necessary to support and sustain network-based quality of care research and primary care practice improvement research productivity.

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

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

Crabtree, BF, PI: "Practice Redesign to Improve Depression Care – PRIDE Care" (subcontract), Funding agency: NIMH; 2006-2010; Project total costs: \$167,732.

This subcontract will assist the main study in a group randomized trial To evaluate a Chronic

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Care Improvement intervention for implementing and sustaining chronic care office systems to improve depression care in 36 small, semi-autonomous, mixed-payer community-based primary care practices.

Pending grant applications (submitted)

DiCicco-Bloom, B., PI (Cunningham Collaborating PI): “Predictors and Outcomes of Referral to the Nurse Practitioner-Led Survivor’s Program” The Cancer Institute of NJ Research Development Award Application \$49,977

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

Ferrante, Jeanne MD, MPH submitted a R01 grant to NCI titled “Increasing Cancer Screening in Obese Women Using Patient Navigation.”

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

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

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

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

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

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

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

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

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\$100,000 over 2 years.

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

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

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

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

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