

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

Research – Benjamin Crabtree, PhD

We are pleased to announce that **Sandra Echeverria, PhD** successfully completed her postdoctoral fellowship with the Department of Family Medicine on June 1st and began an appointment as Assistant Professor in the Department of Epidemiology at the UMDNJ School of Public Health. She started the fellowship on Sept. 22, 2006.

On September 8th, **Rebecca Etz, PhD** also completed her postdoctoral fellowship with the Department of Family Medicine after two years. While in the fellowship, Dr. Etz co-directed the fellow's pilot project, including assisting fellows in the process of developing research questions and designing tools relevant to those questions. Dr. Etz also conducted fieldwork and gathered field notes which were a model for the other fellows to follow. The Fellow's pilot project has already resulted in a poster presentation at the 2007 meeting of NAPCRG and there are currently three papers forming from our dataset. During the fellowship, Dr. Etz was as a member of the Prescription for Health (P4H) Analysis Team and produced one lead author paper and two papers as supporting author.

On Tuesday, September 16, we hosted a send-off luncheon for an esteemed member of our Division, **A. John Orzano, MD, MPH**. Dr. Orzano has accepted an appointment at Dartmouth University to be close to his grandchildren. Though we will miss Dr. Orzano we wish him well in this new endeavor.

The NCI funded Project SCOPE Learning Collaborative was recently held on September 20th at The Cancer Institute of New Jersey. Representatives from the participating practices attended this day-long event. The agenda was designed to have a blend of didactic presentations followed by a time of reflection and discussion with the purpose of prompting participants to think about what the information they were receiving means for them and their local practice environment. Didactic presentations included: "Comprehensive Cancer Screening in the Primary Care Context" by **Elizabeth Clark, MD**; "Colon Cancer Screening: Guidelines and State of the Science" by **Craig Rezac, MD**; "Cancer Survivorship" by **Regina Cunningham, RN, PhD**; and "Effecting Change in the Primary Care Setting" and "Practice Jazz" by **Benjamin Crabtree, PhD**. **Michelle Tropper**, from the American Cancer Society, also provided information and numerous resources that practices can utilize for staff and patient education. **Paul Nutting, MD**, from the University of Colorado Health Sciences Center, also attended and provided consultation and qualitative fieldnotes for this event. Participants left not only with a great deal of information and resources, but also with energy and enthusiasm for making sustainable practice changes to improve their cancer screening rates.

On September 9 the Division hosted a follow up with **Dr. Javier Escobar** and his team (Associate Dean for Global Health at UMDNJ-Robert Wood Johnson Medical School). Dr. Escobar is currently the PI and Director of the "Medically Unexplained Physical Symptoms Research Center" (MUPS) at Robert Wood Johnson Medical School funded by the National Institute of Mental Health (2005-2010). At the end of the this meeting several of our team members had committed to meet with Dr. Escobar's team to begin our collaborative work.

On September 23 guest speaker **Hillary Bogner, MD., MSCE**, presented "Integrating the Treatment of Depression and Cardiovascular Disease Among Older Primary Care Patients." Dr. Bogner is Assistant

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Professor, Department of Family Medicine and Community Health, University of Pennsylvania. She received a Robert Wood Johnson Foundation Generalist Physician Faculty Scholars Award to study the role of family factors in adherence to treatment for depression. She also received a K23 Award focusing on depression in older adults with cardiovascular disease and is the lead researcher in the study "Treating Depression Prolongs Life for Older People with Diabetes." In 2006 Dr. Bogner was awarded Outstanding Excellence in Geriatric Research by the American Geriatrics Society. She is the co-author of "Handbook of Geriatric Assessment."

Congratulations to **Jesse Crosson, PhD** for his AHRQ grant: Building an Implementation Toolset for E-Prescribing (Subcontract) 8/1/08 – 1/31/10. The purpose of this project, led by Doug Bell, MD, Ph.D. at RAND-Health, is to create an E-Prescribing Implementation Toolset and to disseminate this Toolset nationally through AHRQ's Health IT Portal and other venues. UMDNJ investigators will conduct site visits at successful E-prescribing practices, observe the pilot testing of the toolset, and work on development of the final toolset.

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New Jersey Family Medicine Research Network – NJFMRN

Fred Kobylarz, MD, MS, a Geriatrician and Family Physician in the Department of Family Medicine (UMDNJ-RWJMS) gave an excellent presentation to Network practice nurses on “Health Literacy in Geriatrics”, Tuesday evening, September 30th.

The dates for the two remaining CEU sessions for 2008 are October 28th and November 18th. Emanuel Lerner, MD, will be presenting “Vaccines to Prevent Infectious Diseases Past and Current” on October 28th and Robert Like, MD, MS will be speaking on “Culturally Competent Patient-Centered Care on November 18th. Visit the Network website to register or contact the office at 732-743-3387.

Network projects include the following:

- SCOPE – Supporting Colorectal Outcomes Through Participatory Enhancements.
- Oxidative Stress from Commuting Exposures: A Biomarker Study Using the New Jersey Family Medicine Research Network.
- Jersey Girls – A Study of Environmental Factors, Growth and Development in New Jersey Girls.
- 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.
- Increasing Cancer Screening in Obese Patients Using Patient Navigation in Community Practices.
- Understanding Cardiovascular Disease and EMR Use in Community-based PCP’s.
- A Cancer Survivor Educational Initiative for the Primary Care Workforce.
- Chemoprevention of Breast and Prostate Cancers in Shift Workers by Dietary Methylselenocysteine: Effects on Circadian Rhythm and Estrogen Receptor-B Cycling.
- The Influence of Selenium on Biomarkers of Prostate Cancer Risk.
- 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.
- Psychometric testing of a healing relationship survey.

For research applications, updates, future events and projects.

Visit the website at <http://rwjms.umdj.edu/njfmrn>

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Published

Clark EC, Saultz J, Buckley DI, Rdesinski R, Goldberg B, Gill JM, The Association of Family Continuity with Infant Health Service Use. *JABFM* 2008;21:385-391.

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**]. Investing time in health: do socioeconomically disadvantaged patients spend more or less extra time on diabetes self-care? *Health Economics*, 2008 (published online ahead of print: Aug 15 2008.)

Jimenez, Manuel, Tan-Billet, Jennifer, Babineau, John, Endres, Jennifer, Billet, Todd, Boisclair, Melissa, Flash, Charlene, Koorie, Elizabeth, Levin, Steven, West, Bernadette, **Tallia, Alfred F**. The Promise Clinic: A Collaborative Service Learning Approach to Increasing Access to Healthcare in an Underserved Population. *Journal of Healthcare for the Poor and Underserved* 2008, 19(5):935-43.

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).

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

Crabtree BF, Miller WL, McDaniel RR, Stange KC, Nutting PA, Jaén CR, Thriving in an Unhealthy Environment: Building Adaptive Capacity in Primary Care. *Journal of Family Practice* (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).

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. *Cancer Epidemiology Biomarkers and Prevention*. (in press).

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

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

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

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

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

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*).

Griffiths F, Borkan, J, **Crabtree BF,** Dowrick C, Gunn J, Kokanovic R, Lamb S, Lindenmeyer A, Parchman M, Reis S, Sturt J. The Dynamics of Living with Chronic Illness (under review – *Social Science and Medicine*).

Crosson JC, Ohman-Strickland P, Campbell S, Phillips RL, Roland M, **Balasubramanian BA,** Kontopantelis E, Bazemore A, **Crabtree BF.** Pay for Performance by Investing in Primary Care. (under review-*Ann Fam Med*).

Heisler M, Tabaei B, Ackerman R, Narayan KV, Waitzfelder B, Safford M, Tseng C, Duru K, **Crosson JC,** Herman B, Kim C. 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 RS.,** Knopf MT, & 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, Piasecki A, Ohman-Strickland P, Crabtree BF. Family Physicians' Practices and Attitudes Regarding Care of Extremely Obese Patients. (under review at *Obesity*)

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 (revisions requested *The Journal of the American Board of Family Medicine*).

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

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

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

In Process

Balasubramanian BA, 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.

Brazeau C, **Crosson JC**. Observation of teaching in a third year clerkship: the hidden curriculum of patient care.

Johnson MS, Rovi S, **Crosson JC**, Boyd L. 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 BF. 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.

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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.

Isaacson N, Holtrop J, Cifuentes M, Torres T, An analysis of conditions for enacting role change in primary care practices *American Journal of Preventive Medicine*.

Holtrop J, **Isaacson N, Cifuentes M, Torres T,** *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, Miller W, Stange, Crabtree BF. Healing relationships and the existential philosophy of Martin Buber

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, Looney JA, Chase S, Stello B, Navalekar R, Crabtree BF. In the Moment: An Analysis of Facilitator Impact during a Quality Improvement Process.

Invited Presentations and other news

On Sept. 20, 2008, the Project SCOPE Learning Collaborative was recently held at The Cancer Institute of New Jersey. Representatives from the participating practices attended this day-long event. The agenda was designed to have a blend of didactic presentations followed by a time of reflection and discussion with the purpose of prompting participants to think about what the information they were receiving means for them and their local practice environment. Didactic presentations included: "Comprehensive Cancer Screening in the Primary Care Context" by **Elizabeth Clark, MD**; "Colon Cancer Screening: Guidelines and State of the Science" by Craig Rezac, MD; "Cancer Survivorship" by **Regina Cunningham, RN, PhD**; and "Effecting Change in the Primary Care Setting" and "Practice Jazz" by **Benjamin Crabtree, PhD**. The SCOPE facilitators – **Debra Lancaster, MLIR** and **Jenna Howard, PhD** – drew on the relationships they formed with these practices to facilitate key discussions throughout the day. Additionally, Michelle Tropper, from the American Cancer Society, provided information and numerous resources that practices can utilize for staff and patient education. Paul Nutting, MD, from the University of Colorado Health Sciences Center, also attended and provided consultation and qualitative field notes for this event. Participants left not only with a great deal of information and resources, but also with energy and enthusiasm for making sustainable practice changes to improve their cancer screening rates.

Graduates NRSA Fellowship

Sandra Echeverria, PhD

Dr. Sandra Echeverria joined the fellowship program on September 18, 2006. Dr. Echeverría received her Ph.D. in Epidemiology from Columbia University, Mailman School of Public Health, in 2006. As a social epidemiologist, Dr. Echeverría is interested in examining the effect of neighborhood conditions on

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health and how social conditions contribute to and modify racial/ethnic disparities.

Her training allowed her to not only build on her epidemiology knowledge, but also gave her a better understanding of qualitative research methods. Her mentors were Kitaw Demissie, MD, PhD and George Rhoads, MD (Dept. of Epidemiology) and Barbara DiCicco-Bloom, RN, PhD (Dept. of Family Medicine). Under the tutelage of Drs. Demissie and Rhoads, her major work was examining the role of neighborhood socioeconomic conditions in predicting advanced-stage breast cancer in select urban areas in NJ. Under the guidance of Dr. DiCicco-Bloom, she participated in a qualitative group field project to collect preliminary data on the social relations that exist within primary care practices and how they may influence the overall functioning of the practice and eventually patient care. This provided Dr. Echeverria with an invaluable applied experience in qualitative research methodology.

Dr. Echeverria ended her fellowship on May 31, 2008 to accept a position as an Assistant Professor in the Department of Epidemiology, UMDNJ- School of Public Health.

Rebecca Etz, PhD

Rebecca Etz, PhD started her fellowship with the Department of Family Medicine on September 12, 2006. As a cultural anthropologist, Dr. Etz engaged in interdisciplinary research both in New Zealand and the US with a focus on community studies, race, gender, sexuality, historical narratives, social inequalities and identity construction. Dr. Etz received her PhD from Rutgers University . She has taught both graduate and undergraduate courses and additionally have developed a number of academically-based workshops for political and community outreach groups.

As a postdoctoral fellow, she participated in the following projects:

1. *Prescription for Health* – For this project, Dr. Etz was the qualitative analyst on the Analysis Team. She was primarily responsible for managing the database.
2. *Social Capital Pilot* - For this project, Dr. Etz was co-manager. She participated in conceiving the project, recruiting practices, designing research tools, collecting primary data, and analyzing the results.
3. *Public Anthropology and the School for Advanced Research* – During the Fellowship, Dr. Etz kept her commitments within the academic world of anthropology. She pulled together 12 senior scholars in the field and organized the group into a Presidential Session at the 2006 annual meetings. This group has continued to work together and in April of 2008, submitted an application to the School of Advanced Research in Santa Fe, new Mexico
4. *Princeton Project* – Dr. Etz is currently developing a project that would examine the move of a community hospital. University Medical Center at Princeton is moving locations. She is interested in examining the process of moving the hospital and the affects on the community health of Princeton residents.

Dr. Etz completed her fellowship on September 11, 2008.

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.

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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.

Cohen D., PI: Enhancing the Theory and Practice of Continuous Quality Improvement (CQI) Through a Better Understanding of Organizational Capacities \$197,914.

The goals of this project are 1) to develop empirically grounded new theory that expands our understanding of the factors that enhance (and/or inhibit) the ability of primary care practices to integrate and sustain CQI efforts 2) to develop new measurement tools that accurately capture our expanded understanding of the factors shown to enhance (and/or inhibit) the CQI process in primary care practices.

Crabtree, BF, PI: "Enhancing Colorectal CA Screening Through Learning Teams," National Cancer Institute; 2005 – 2010; total project costs: \$2,997,356.

This study evaluates a tailored practice-level MAP/RAP intervention that seeks to enhance relationships among practice members in order to improve rates of colorectal cancer screening in primary care practice.

Crabtree, BF, PI: "New Jersey Family Physicians Research Network – Cancer Center Support Grant", 2005 – 2010; total project costs: \$806,348.

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

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

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

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

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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.

Crosson, JC, PI: “Building an Implementation Toolset for E-Prescribing” Agency for Healthcare Research and Quality HHS290200600017 TO#4 8/1/08 – 1/31/10 \$109,221 \$170,385 (total award)

The purpose of this project, led by Doug Bell, MD, Ph.D. at RAND-Health, is to create an E-Prescribing Implementation Toolset and to disseminate this Toolset nationally through AHRQ’s Health IT Portal and other venues. UMDNJ investigators will conduct site visits at successful E-prescribing practices, observe the pilot testing of the toolset, and work on development of the final toolset.

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, 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, J., PI (subcontract): “Developing the Medical Home in Primary Care”; Overlook Hospital Foundation; 1/2008 – 3/2009; \$20,000

The objective of this project is to evaluate the implementation and utilization of a patient navigator in 4 community primary care practices.

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.

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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. In addition, we will describe the experiences of a patient navigator, what activities and services a navigator provides, and the barriers and facilitators to implementing a patient navigator program.

Ferrante, Jeanne, PI: "Factors Affecting Men's Decisions Regarding Prostate Cancer Screening and Treatment," pilot project as part of DOD (W81XWH06-1-0514), \$93,613, September 1, 2008.

The purpose of this exploratory qualitative study is to identify and understand the factors that influence men's decision regarding prostate cancer screening, diagnosis, and treatment. Results from these interviews will help us to develop strategies to assist men in making informed decisions regarding prostate cancer screening and treatment and guide the design of a future patient navigator outreach program to educate and navigate men to prostate cancer screening, diagnosis and treatment programs.

Hudson, S., PI: "Life After Cancer: Examining Survivor Transitions from Specialist to Primary Care," National Cancer Institute; K01 CA131500-01A1; 2008 - 2013; total project costs \$643,361.

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.

Hudson, S., PI: "Life After Cancer: Examining Survivor Transitions from Specialist to Primary Care" Study 1 Qualitative Data Collection and Survey Development, Department of Defense/Cancer Institute of New Jersey, DAMD17-01-1-0755, 2008-2009, total project costs \$65,000

A qualitative study of 36 early stage breast and prostate cancer survivors' attitudes toward primary care for follow-up cancer screening and care that explores the roles survivors want primary care clinicians to play in their follow-up cancer care. Comparative analyses of survivors who received treatment at comprehensive cancer centers versus those treated in community settings will be conducted.

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.

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, \$876,385

The Department of Family Medicine at UMDNJ/RWJMS proposes a three-year intensive project to

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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.

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)

Ferrante, Jeanne, PI: “Increasing Cancer Screening in Obese Women Using Patient Navigation,”
R01 application to NCI, \$2,499,995 [direct], \$3,899,990 [total]

This randomized control trial using mixed-methods will 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.

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.