

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

Recognizing the potential synergies between the Division's research agenda and that of CINJ's Population Science Program, Ben Crabtree has agreed to take on additional administrative responsibilities as the Population Science Program Leader. Over the past two months, Ben has met individually with many of the members of the Population Science Program in order to help facilitate and identify thematic areas and collaborations. While this is an emerging process, there seems to be consensus on thematic areas of cancer survivors, disparities, tobacco control, and care improvement, with other areas to be established over time. In order to further refine these thematic areas, the Population Science Program meetings are now weekly, with the agenda each week initially featuring one or more investigators and their line of research (these meetings are held at 1 World's Fair Drive in Somerset every Tuesday at 9:00 am). The first of these meetings featured Jonathan Foulds who overviewed his research interests in tobacco cessation, particularly the role of menthol cigarettes on addiction. A full day Population Science Program retreat will be held in November or December to further define the organization, mission, and vision of the program.

During July, the Division hosted several visiting speakers. These included James Werner, PhD, from Case Western Reserve University, Seong-yi Baik, RN, PhD, from University of Cincinnati, and Adarsh Gupta, DO, from the UMDNJ-School of Osteopathic Medicine. **Dr. James Werner**, an Assistant Professor of Family Medicine at Case Western Reserve University, visited RWJMS at the invitation of CINJ's Population Science Program to discuss the potential expanded roles for the NJFMRN in cancer related research. He delivered a stimulating presentation: "Building Institutional Infrastructure for Practice-Based Research." He has been involved in the development of Practice-Based Research Networks (PBRNs) and the conduct of practice-based research since 1994. For seven years, Dr. Werner served as Research Director of ASPN, then the largest PBRN in the US. Since 2004, he has been the Director of the Practice-Based Research Network (PBRN) Shared Resource at the Case Comprehensive Cancer Center in Cleveland, Ohio. The PBRN Shared Resource provides researchers access to community-based practices and patients, promoting scientific interaction and productivity. Further, the Shared Resource enables full-time clinicians and academic investigators to create dynamic research partnerships. At present the Resource comprises 12 PBRNs that are actively engaged in 14 research studies.

Seong-Yi Baik, PhD, RN visited the Division in July to describe her line of research on depression in primary care settings. Dr. Baik is an Assistant Professor at the University of Cincinnati College of Nursing and has been involved in health services research in depression care since 1999. As Principal Investigator, she has been funded from the UC College of Nursing Dean's Special Research Award, the University Summer Faculty Research Fellowship Award, and, most recently, from the National Institutes of Health/National Institute of Mental Health for

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the Years 2005-2008. Professor Baik is the Principal Investigator of her interdisciplinary research team that includes co-investigators from Family Medicine and Anthropology. Her recent federal funding supports her qualitative work in developing a grounded theory about depression care in primary care settings from the perspectives of providers and patients. The title of her presentation was "Depression in Primary Care: Just Another Illness?"

Dr. Adarsh Gupta, an Assistant Professor at UMDNJ-School of Osteopathic Medicine and a board member of the New Jersey Family Medicine Research Network (NJFMRN), visited the Division in July to present "EMR - Get the Right Fit." Dr. Gupta works at the Stratford Family Medicine Office. Dr. Gupta's approach to medicine focuses on regular preventive care as well as integrating physical fitness into the health care environment. He believes that medical care should always be delivered with respect and a personal touch while maintaining the highest level of quality. He emphasizes on educating patient about their health condition because an educated patient can manage his/her condition well. Dr. Gupta focuses on teaching evidence-based medicine (EBM) to physicians, residents and students and is greatly involved in integrating medical informatics and EBM in medical education curriculum. He has presented on EBM at National Conferences and Meetings.

The division and John Orzano hosted the third annual K08 retreat from July 25-27. John Orzano and the local research team of Claire McInerney, PhD (Rutgers), Pam Ohman-Strickland, PhD, and Al Tallia, MD, MPH, met with Sue Flocke, PhD (Case Western) and Bob Phillips, MD, MPH (AAFP Graham Center). The productivity of the local research team in advancing the conceptualization and operationalization of Knowledge Management impressed the external consultants. Products from the meeting included revised research objectives, dissemination strategy, draft specific aims for a grant application, instrument development strategy, and an associated revised timeline.

To reinforce that a successful program must have a balance of social and professional tasks, the Research Division picnic was held at Colonial Park after work on July 27. The picnic was well attended by faculty and staff and their family members, including MANY children! In addition to large volumes of food provided by those attending, and lots of games for the children, a major feature was the water battle between Al Tallia and Barbara DiCicco-Bloom. Those who were watchful and lucky managed to stay dry! Many thanks to the Division's RAP team for organizing the event and to Maria and Cynthia for helping RAP Team members. Even a brief downpour was not sufficient to put out the charcoal or dampen spirits!

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

Excellence in Research Award

This year, the Foundation of UMDNJ initiated a new awards program - The Excellence in Research Award - to recognize members of the UMDNJ faculty for outstanding research performed during the academic year. Dr. Benjamin F. Crabtree was the first recipient of this honor. Dr. Crabtree has been a full-time researcher in family medicine for more than 20 years, known for his expertise in qualitative and quantitative research. He has an impressive publication record, covering topics ranging from time series analysis and log-linear models to in-

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depth interviews, case study research and qualitative analysis strategies. Dr. Crabtree is the Research Director of the New Jersey Family Medicine Research Network, a unique network that allows entrée into the research arena by family doctors throughout the state.

Dr. Crabtree was presented with a beautiful plaque at a recognition ceremony – we congratulate Dr. Benjamin Crabtree for this great honor.

New Jersey Family Medicine Research Network (NJFMRN)

Important Upcoming NJFMRN dates include:

Pactice Manager Meetings –October 17 and December 19th

Board Meetings –October 11

CEU Meeting - focus on cardiac medication September 20th

Convocation of Practices October 27th

Contact Enid Cruz at 732-743-3382 (cruze2@umdnj.edu) or Terry Falco 732-743-3387 (falcote@umdnj.edu) for additional information.

Published

Ferrante JM, Chen P, **Crabtree B**, Wartenberg D. Cancer Screening in Women: BMI and Adherence to Physician Recommendations, Am J Prev Med 2007;32(6);525-531.

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).

DiCicco-Bloom, B, Frederickson K, **O'Malley D**, **Shaw E**, **Crosson J**, **Looney, JA**: Developing a Model of Social Capital: Relationships in Primary Care. Advances In Nursing Science (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).

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

Orzano AJ, **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).

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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 practices (under review Journal of General Internal Medicine).

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).

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)

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).

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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).

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

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).

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 (accepted with minor revision - Cancer Detection and Prevention).

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).

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 (under review: Annals of Family Medicine).

Orzano AJ, McInerney CR, Tallia AF, Scharf D, Crabtree BF. A Knowledge Management Model: Implications for Enhancing Quality in Health Care (revision under review: 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. (under review Health Care Management Review).

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

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

In Process

Balasubramanian BA; Ohman-Strickland P; Crabtree BF. Using Learning Teams for Reflective Adaptation: Results from a Quality Improvement Intervention to Improve Adherence to Guidelines for Diabetes and Hypertension in Primary Care Practices.

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Balasubramanian BA, Orzano AJ, Ohman Strickland P, Hudson SV, Tallia AF, Crabtree BF. The impact of a quality improvement intervention in primary care practices on staff turnover.

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, Miller WF, McDaniel R. "The extension of the jazz metaphor to understand relationships among members of family medicine practices."

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."

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

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

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. To be presented at the American Academy on

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Communication in Health care, Charleston, SC, October 9-12, 2007.

Grants/Contract Related Activities

Active Grants

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. 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.

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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. 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.

Hudson, SV (Pilot Project PI), DHHS, Project EXPORT, Addressing Cancer Disparities in NJ Communities, 9/30/04-9/29/07; total project costs: \$1.2 million.

This three year grant focuses on development of resources and infrastructure needed for cancer research, training, community education and outreach. It focuses on conducting health disparities research designed to reduce cancer rates among minorities in New Jersey and to increase the participation of African-Americans, Latinos and other health disparity groups in biomedical and behavioral research as well as prevention and intervention activities.

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.

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

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Wood Johnson Foundation; 2005–2007; Subcontract total costs: \$150,453.

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

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

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

Tallia, A.F., PI: “Academic Administrative Units in Primary Care”, 1 R18 DK067083-01A2, Health Resources and Services Administration; 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, B.F., 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. 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)

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 \$566,036

Update: This received a score of 169 and will be reviewed during the October council meeting for a funding recommendation.

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.