

Curriculum Vitae

PERSONAL

SAMUEL CYKERT, MD

EDUCATION

Board Certified in Critical Care Medicine by exam, November 1991, recertified November 2001. American Board of Internal Medicine

Internal Medicine Faculty Development Fellowship, University of North Carolina at Chapel Hill, September 1992 to June 1994

Board Certified American Board of Internal Medicine by exam, September 1987

Internal Medicine, July 1983 - July 1986
North Carolina Memorial Hospital (University of North Carolina School of Medicine), Chapel Hill, North Carolina

INDIANA UNIVERSITY SCHOOL OF MEDICINE

Indianapolis, Indiana
Graduated with highest distinction, M.D., February 1983

VALPARAISO UNIVERSITY

Valparaiso, Indiana
Graduated with highest distinction, B.S. in Biology, May 1977

PROFESSIONAL EXPERIENCE

Professor of Medicine, UNC School of Medicine Jan 1, 2011 to present.

Director, the University of North Carolina Program for Health and Clinical Informatics, July 2013 to present

Associate Director for Medical Education, NC AHEC Program September 2010 to Present.

Clinical Director, the North Carolina Regional Extension Center for Health Information Technology and NC AHEC Practice Support (state wide QI and PCMH development in independent primary care practices). February 2010 - present

Adjunct Professor of Health Policy and Management, Gillings School of Global Public Health. May 2014 to present

Core Faculty, Community Engagement Core, TRaCS Institute (UNC's CTSA Grant) 2007-present

Associate Director for Medical Education and Quality Improvement, North Carolina Area Health Education Centers Program. Sept 2006 to July 2008

Chief, Internal Medicine Program, Moses Cone Memorial Hospital, Nov 2003 to July 2008.

Chief and Program Director, Internal Medicine Program, Moses Cone Memorial Hospital, Nov 2003 to Sept 2006 then July 2008 to September 2010.

Promotion to Associate Professor of Medicine, UNC School of Medicine April 1, 2002 (Tenured).

Faculty, University of North Carolina General Internal Medicine Faculty Development Fellowship, Director of Research Component, September 1999 to 2010.

Medical Director, the Clinics of the Moses Cone Health System, July 1997 to August 2000.

Associate Program Director, Internal Medicine Program, Moses Cone Memorial Hospital, July 1997 to Oct 2003.

Internal Medicine Training Program, September 1992 – September 2010 (8/1/95 to 3/31/02, University based faculty, Assistant Professor-Tenure Track) Moses H. Cone Memorial Hospital, Greensboro, NC (affiliated with the University of North Carolina at Chapel Hill). Responsibilities include teaching/supervising primary patient care to internal medicine residents and UNC, Chapel Hill third and fourth year students.

Private Practice in Burlington, NC, July 1986 - August 1992
Practice responsibilities included primary medical care, intensive care (intubation, ventilator management, S-G catheterization, temp. pacemaker, etc.) and managing business issues.

General Practice, Neighborhood Health Centers, Indianapolis, Indiana, February - June, 1983

Teacher, Portage Township Schools, Portage, Indiana 1977 -1979

HONORS / AWARDS AOA Visiting Professorship, UNC School of Medicine, Gamma Chapter, March 2006. Medical Care in Mississippi Post Katrina.

Joseph P. Stevens Teaching Award 1993, 1994, 1996, 2002, 2003, and 2006
Internal Medicine Teaching Program, Moses Cone Health System

The Society of General Internal Medicine National Award for Innovation in Medical Education as a member of the Telephone Encounters Learning Initiative presented at the National SGIM meeting in Washington, D.C., May 1996

The Outstanding AHEC Faculty Award for 1995-1996 from the Whitehead Society and the student body of the University of North Carolina School of Medicine.

Alpha Omega Alpha medical honor society, Indiana University - selected as a junior medical student in the fall of 1981

Honors Program for Academic Medicine, Indiana University - selected in 1980

Research Papers:

BIBLIOGRAPHY

Cykert S, Lefebvre A, Bacon T, and Newton W. Meaningful use in chronic care: improved diabetes outcomes using a primary care extension center model. NCMJ 2016;77(6):378-383.

Weiner B, Pignone M, DuBard C., Lefebvre A, Suttie J, Freburger J, **Cykert S**. Advancing heart health in North Carolina primary care: the Heart Health NOW study protocol. Implementation Science Implementation Science 2015;10:160.

Carey T., Donahue K., Halladay J., and **Cykert S.** Practice Based Research Networks in the Era of Integrated Delivery Systems. *Journal of the American Board of Family Medicine* 2015;28:658-662.

Cykert S, Walker PR, Edwards LJ, McGuire FR, Dilworth-Anderson P. Weighing projections of physical decline in lung cancer surgery decisions. *Am J Med Sci.* 2015;349:61-66.

Cykert S. A New Paradigm: Approaching Racism as a Method of Disease Prevention. *Chest* 2014;145 (3):442-443.

Dalton A , Audrina Bunton A , **Cykert S**, Corbie-Smith G , Peggy Dilworth-Anderson McGuire F, Monroe M, Walker P and Lloyd J. Edwards L. Patient Characteristics Associated With Perceptions of Patient–Provider Communication in Early-Stage Lung Cancer Treatment, *Journal of Health Communication: International Perspectives* 2014;19:532-534.

Jones CD, Holmes GM, Lewis SE, Thomson KW, Cykert S, DeWalt DA. Satisfaction With electronic health records is associated with job satisfaction among primary care physicians. *Informatics in Primary Care* 21(1), 18-20. 2013.

McCormack L, Treiman K, Bann C., Williams-Piehot P, Driscoll D, Poehlman J, Soloe C, Lohr K, Sheridan S, Golin C, **Cykert S**, and Harris R. Translating medical Evidence to promote informed healthcare decisions. *Health Services Research* 2011; 46:1200-1223.

Stefan M, Blackwell J, Crawford K, Martinez J, Wu Sung S, Holliday S, Landry M, LaVine N, Lorfald N, Morris J, Greene S, and **Cykert S.** Patients' Attitudes Toward and Factors Predictive of Human Immunodeficiency Virus Testing of Academic Medical Clinics. *The American Journal of the Medical Sciences* 2010; 340: 264-267.

Cykert S, Dilworth-Anderson P, Monroe MH, Walker P, McGuire FR, Corbie-Smith G, Edwards LJ, Bunton AJ. Modifiable factors associated with decisions to undergo surgery among newly diagnosed patients with early stage lung cancer. *JAMA* 2010; 303(23): 2368-2376.

DeMarco MM, **Cykert S**, Coad N, Doost K, Schaal J, White B, Young D, Roman Isler M, Corbie Smith G. Views on personalized medicine: Do the attitudes of African American and White prescription drug consumers differ? (Accepted for publication, *Public Health Genomics* 2010;13:276-283.

McCormack LA, Bann CM, Williams-Piehot P, Driscoll D, Soloe C, Poehlman J, Kuo TM, Lohr KN, Sheridan SL, Golin C, Harris R, **Cykert S.** Communication message strategies for increasing knowledge about prostate cancer screening. *Journal of Cancer Education*, 2009; 24(3):1-6.

Rosenberg E, Genao I, Chen I,, **Cykert S.** Complimentary and Alternative medicine use by primary care patients with chronic pain. *Pain Management* 2008; 9(8): 1065-1072.

Staton LJ, Panda M, Chen I, Genao I, Kurz J, Pasanen M, Mechaber AJ, Menon M, O'Rourke J, Wood J, Rosenberg E, Faeslis C, Carey T, Calleson D, and **Cykert S.** When race matters: disagreement in pain perception between patients and their physicians in primary care. *J Natl Med Assoc*, 2007; 99: 532-538.

O'Rourke JE, Chen I, Genao I, Panda M, **Cykert S.** Physicians' comfort in caring for patients with chronic nonmalignant pain. *Am J Med Sci.* 2007 Feb;

333(2):93-100.

Panda M, Staton LJ, Chen I, Kurz J, O'rorke J, Pasanen M, Menon M, Genao I, Wood J, Mechaber AI, Rosenberg E, Faselis C, Carey T, Calleson D, **Cykert S**. The influence of discordance in pain assessment on the functional status of patients with chronic nonmalignant pain. *Am J Med Sci*. 332(1):18-23, July 2006.

Chen IA, Kurz J, Pasanen M, Faselis C, Panda M, Staton L, O'Rorke J, Menon M, Genao I, Wood J, Mechaber A, Rosenberg E, Carey T, Calleson D, **Cykert S**. Racial differences in opioid use for chronic non-malignant pain. *JGIM* 2005; 20:593-598.

Cykert S. Risk acceptance and risk aversion: patients' perspectives on lung surgery. *Thoracic Surgery Clinics* 2004; 14:287-293.

Cykert S, Phifer N, Hansen C. Tamoxifen for breast cancer prevention: a framework for clinical decisions. *Obstetrics and Gynecology* 2004; 104:433-442).

Monroe M, Bynum D, Susi B, Klioze A, Phifer N, Schultz L, Franco M, MacLean C, **Cykert S**, Garrett J. Primary care physician preferences regarding spiritual behavior in medical practice. *Archives of Internal Med* 2003; 163:2751-2756.

MacLean C, Susi B, Phifer N, Schultz L, Bynum D, Franco M, Klioze A, Monroe M, Garrett J, **Cykert S**. Patient preference for physician discussion and practice of spirituality: results from a multicenter patient survey. *J Gen Intern Med* 2003;18:38-43.

Cykert S, Phifer N. Surgical decisions for early stage, non-small cell lung cancer: can racially sensitive perceptions of cancer explain racial variation in lung cancer surgery? *Med Decis Making* 2003; 23:167-176.

Cykert S, Kissling G, and Hansen C. Patient preferences regarding possible outcomes of lung resection: what outcomes should pre-operative evaluation target? *Chest* 2000; 117(6):1551-1559.

Elnicki DM, Ogden P, Flannery M, Hannis M and **Cykert S**. Telephone medicine: a perspective for internists. *J Gen Intern Med* 2000; 15(5):337-343.

Cykert S, Joines J, Kissling G, Hansen C. Racial differences in patients' perceptions of debilitated health states. *J Gen Intern Med* 1999;14:217-222.

Elnicki DM, **Cykert S**, Linger B, Ogden P, and Hannis M. Effectiveness of a curriculum in telephone medicine. *Teaching and Learning in Medicine* 1998;10(4):223-7.

Cykert S, Flannery MT, Huber EC, Keyserling T, Moses GA, Elnicki DM, Hannis M, for the TELI Group. Telephone medical care administered by internal medicine residents: attitudes and concerns of program directors and implications for residency training. *The American Journal of the Medical Sciences* 1997;314(3):198-202.

Cykert S, Hansen C, Layson R, Joines J. Primary care physicians and capitated reimbursement: experience attitudes and predictors. *J Gen Intern Med* 1997;12:192-4.

Hannis MD, Hazzard RL, and the TELI Group (**S Cykert** and others). Physician attitudes regarding telephone medicine. *J Gen Intern Med* 11:678-683; 1996.

Cykert S, Hansen C, Layson R, Joines J. Primary care physicians' attitudes in capitated care: a potential quality of care measure. *The American Journal of Managed Care* 2(6): 681- 685; 1996

Elnicki DM, Hannis MD, **Cykert S**, Flannery MT, Morris D, DeVellis RF, and the TELI Group. Telephone medicine for ambulatory patients: issues affecting residents' attitudes. *Teaching And Learning in Medicine*. 8(3):142-147; 1996.

Flannery MT, Moses GA, **Cykert S**, Ogden PE, Keyserling TC, Elnicki DM, Huber EC. Telephone management training in internal medicine residencies: a national survey of program directors. *Acad. Med.* 70:1138-1141; 1995.

Cykert S, Kissling G, Layson R, Hansen C. Health insurance does not guarantee access to primary care: a national study of physicians' acceptance of publicly insured patients. *J Gen Intern Med* 10:345-348; 1995.

Hannis MD and the TELI (**S Cykert** and others) Group. Can you hold please? How internal medicine residents deal with patient telephone calls. *Am J Med Sci*. 308(6):349-352;1994.

Cykert S, Layson RT. Will universal health insurance assure universal access to ongoing primary care for adults. *Archives of Family Medicine*. 2:1153-1155; 1993.

Letters

Cykert S. Attracting students to primary care. *N Engl J Med*, 2005; 352(1): 94.

Cykert S. Tamoxifen for breast cancer prevention: the IBIS-1 Trial. *The Lancet* 2003;361:177-178.

Cykert S. Diagnostic testing of ICU-acquired pneumonia. *Chest* 1996;110(1): 302.

Cykert S. Lung cancer surgery: postoperative complications. *Chest* 1994; 106(6):1930-1931.

Cykert S, Layson R. Factors affecting access to medical care. *Arch Fam Med* 1994; 3(4):308-309.

Invited Manuscripts:

Cykert S. The benefits and concerns surrounding the automation of clinical Guidelines. *NC Med J* 2015;76:228-229.

Cykert S, Petersen R, Lefebvre A. The North Carolina Division of Public Health and the North Carolina Area Health Education Center Program Partner to Reduce Strokes and Heart Attacks. *NC Med J* 2012;73(6):469-475.

Cykert S. Improving care transitions means more than reducing hospital readmissions. *NC Med J* 2012; 73(1) 31-33.

Cykert S, Lefebvre A. Regional extension coordinators: use of practice support and electronic health records to improve quality and

Book Chapters:

Elk R, Morris A, Onega T, Ganschow P, Hershmann D, Brawley O, and **Cykert S**. Disparities in Cancer Treatment: Factors That Impact Health Equity in Breast, Colon, and Lung Cancer. In: Elk R, Landrine H, eds, *Cancer Disparities: Causes and Evidence-Based Solutions*. New York, New York: Springer Publishing Company; 2012: 89-120.

Oh A, Chou W, Jackson D, Cykert S, Jones N, Schaal J, Eng E. Reducing Cancer Disparities through Community Engagement: The Promise of Informatics. in: Hesse B, Ahern D, Beckjord E (Eds.), *Oncology Informatics*, Elsevier, Waltham, Mass. Spring 2016. 23-39.

Selected Abstracts:

Cykert S, Walker P. Use of a Real Time Registry to Reduce Black-White Disparities in the Treatment of Early Stage Lung Cancer. Presented at the Annual Meeting of the American Public Health Association, Boston Mass. Oct. 31, 2016.

Cykert S, Walker P, Dilworth-Anderson P, Cirino-Marcano M, Edwards L. Preliminary findings for a multi-faceted intervention designed to reduce treatment disparities in early stage, non small-cell lung cancer. Presented at the Society of General Internal Medicine National Meeting, Toronto, Canada, April 2015 – an update has been accepted for presentation at the Annual Symposium of the American Medical Informatics Association, San Francisco, CA, November 2015.

Cykert S, Heron D, Cass B., Eng E, et al. Physician champions and clinical performance reports: Informing policy with race-specific findings on equity in cancer treatment outcomes. Accepted for presentation at the Annual Meeting of the American Public Health Association, Chicago, IL. November 2015.

Cykert S, Robertson L, Raines B, Hardy C, Eng G, Gizlice Z, Hislop S. Using health information technology as a tool for systems change and racial equity in cancer care: Phase I of ACCURE. Presented at the annual meeting of the American Public Health Association, Boston Mass. Nov. 2013.

Cykert, S, Edwards L, Dilworth-Anderson P, Walker P, McGuire F. DISPARITIES IN SURGERY FOR EARLY STAGE LUNG CANCER: DO COMORBIDITIES AFFECT SURGICAL SURVIVAL DIFFERENTLY. Presented at the Society of Internal Medicine National Meeting, Denver CO. April 2013.

Cykert S, Lefebvre A, Bacon T. Does the Meaningful Use of Electronic Health Records Improve Chronic Care Above Standard QI Intervention? Presented at The Society of Internal Medicine National Meeting, Denver CO. April 2013.

Cykert S, L. Edwards, P. Dilworth-Anderson ONE YEAR AFTER: FUNCTIONAL OUTCOMES IN PATIENTS WITH EARLY STAGE LUNG CANCER ARE BETTER IN THE SURGICALLY TREATED GROUP. Presented at The Society of Internal Medicine National Meeting, Orlando, FL April 2012.

Cykert S, McGuire F., Walker P. Disparities in surgery for early stage lung cancer: an analysis of mortality one year after diagnosis. Presented at the Society of General Internal Medicine National Meeting, Phoenix, AZ, May 2011.

Cykert S, Walker P, Bunton A, McGuire F, Edwards LJ, Monroe M, Sigounas A, Freeman C. Racial differences in lung cancer surgery: what factors can be modified to optimize care in early stage disease? Presented at the national meeting of the Society of General Internal Medicine, Miami, May 2009. Abstract in J Gen Intern Med, 2009;24(Suppl 1):156.

Cykert S, Monroe M, Downie G, Brown C. Do religious beliefs influence surgical decisions for patients with early stage non-small cell lung cancer? Presented at the national meeting April 27, 2007.

Cykert S, Brown C, Downie G, Monroe M. Prospective recruitment of patients with early stage non-small cell lung cancer: An early analysis of treatment disparities. Presented at the national meeting of the Society of General Internal Medicine, Toronto, Canada April 25, 2007.

Cykert S, Lane T. An economic analysis of the shingles prevention study: is the zoster vaccine cost-effective? Presented at the national meeting of the Society of General Internal Medicine, April 28, 2006, Los Angeles, CA.

Cykert S, Greene S. The substitution of carvedilol for metoprolol in the treatment of systolic heart failure: an economic analysis of the COMET Trial. Accepted for presentation at the Society of General Internal Medicine meeting, Chicago, IL, May 2004. J Gen Intern Med 2004; 19 (Suppl 1):226.

Pasanen M, Faselis C, Kurz J, **Cykert S** (mentor) for the 4P group. Racial Differences in narcotic use for chronic pain. Presented in the plenary session of the Society of General Internal Medicine meeting, Vancouver, B.C., May 2003. J Gen Intern Med 2003; 18(Suppl 1):185.

Cykert S, Phifer N. Chemoprevention of breast cancer in elderly women: Is raloxifene a cost-effective alternative? Presented at the Society of General Internal Medicine meeting, Vancouver, B.C., May 2003. J Gen Intern Med 2003; 18(Suppl 1):163.

Cykert S, Carey T. Surgical decisions for early stage non-small cell lung cancer A prospective pilot study. Presented at the Society of General Internal Medicine meeting, Vancouver, B.C., May 2003. J Gen Intern Med 2003; 18(Suppl 1):281.

Cykert S, Kinsinger L, Harris R. Contrasts in diabetes care: the case of hemoglobin A-1-C compared to referral for retinal examinations. Presented at the Academy for Health Service Research and Health Policy meeting, Washington, D.C., June 2002.

Cykert S and Phifer N. Evaluation of tamoxifen for the chemoprevention of breast cancer using quality-adjusted survival: the case against therapy. Presented at the Society of General Internal Medicine meeting, Atlanta, GA, May 2002.

Cykert S, Phifer N, Hansen C. Racial disparity in lung cancer surgery: do patients' perceptions of progressive lung cancer explain the difference? J Gen Intern Med 2001 16 supplement (1):125. Presented at the Society of General Internal Medicine, San Diego, CA, May 2001.

TEACHING RECORD From November of 2003 to September 2010, I served as Chief and Program Director of the Internal Medicine Teaching Program of the Moses Cone Health System. (Except September 2006 to June 2008, I only held the Chief Role during my tenure as Director of Medical Education for the NC AHEC program during that

time). Currently, I attend at the GIM Clinic @ UNC-Chapel Hill as well as the inpatient wards. My role has included setting the IM residency curriculum, teaching structure, and evaluation system as well as ensuring fidelity for the education of UNC medical students at our facility. I've had terrific support from my faculty and during my time as Chief, we have received six-year ACGME-RRC accreditation (review July 2008) and we have achieved a 100% 3-year ABIM Board pass rate. We also consistently receive very high evaluations from students who rotate through our services. I personally taught residents and students 4 months per year on the Cone general internal medicine inpatient service and 2 months per year in the ambulatory care clinic. I can forward learners evaluations of my teaching performance upon request. I have also been honored to serve as the Director of the Research Component of the General Internal Medicine Faculty Development Fellowship for over a decade. This program draws Internal Medicine Faculty from all over the US to receive fellowship training in the areas of research, medical education, health policy, and clinical epidemiology.

Other relevant teaching activities include:

Cases and Concerns: Interventions to Reduce Health Care Disparities.
Medicine Grand Rounds, UNC 1/2/2014

Disparities in Care: Who Makes the Decisions? Grand Rounds Department of
Medicine:

ECU Heme-Onc Grand Rounds – September 2011
VCU HSR Grand Rounds – October 2011
University of South Carolina (SOM) – January 2008
University of Pittsburgh, Shadyside Hospital – September 2006
Oncology Grand Rounds – October 2013
East Carolina University – September 2005

Lung Cancer Surgery: Disparities in Treatment decisions.
Invited presenter:

CHEST 2009, San Diego, CA, November 4, 2009

The Southeast Chapter Meeting of the American Thoracic
Society, Jacksonville, FL, October 4, 2009

Highlights of Other Invited Presentations:

QI lecture in MS IV Advanced Practice Selective (July 2011, 2012, 2013)

Clinical Measures: Quality of Care Epidemiology 803 (March 25, 2014)

Graduate Seminar on Peer Support, TOPIC, "Patient-Centered Medical Home and
Peer Support" (April 14, 2014)

NRSA Research Fellowship Talks: October 20, 2014 (EHRs in Research); April
13, 2015 (Studying Practice Change)

Epidemiology 896, February 20, 2015 (EPIC and Research)

Oncology Grand Rounds UPMC, Cancer Disparities (October 23, 2014)

Improving Transitions of Care for Ambulatory Practices – NC Transitions Summit
1/31/14

Work Force / Community Health Workers – NC Hospital Association Executive
Committee 2/18/15

Building Primary Care Teams – SC DHEC Chronic Care Conference, Myrtle
Beach, SC March 14, 2015

Building Systems of Care for Lung Cancer – Kentucky Lung Cancer Coalition,
Frankfurt KY, March 20, 2015

Plenary Speaker – NC DMA Stakeholders Meeting (May 10, 2013)

Transitions of Care – NC Hospital Association Executive Committee 2/20/13

Disparities in Lung CA – Grand Rounds, UNC Department of Medicine January
2, 2014, New Hanover Hospital March 20, 2013

PCMH/ QI – UNCPN April 17, 2013

Cone Health Cancer Center – Disparities in Lung Cancer Care, April 18, 2013

Webinar for the Office of the National Coordinator for Health Information
Technology on using MU for QI 1/25/13

Webinar for REC Academic Collaborative MU for QI 1/9/13

Testimony for Warren Justice Task Force on Practice Facilitation for
Cardiovascular QI

Improving Transitions of Care for Ambulatory Practices – NC Transitions Summit
3/1/13

The Meaningful Use of Meaningful Use – ONC National Meeting 12/12/12

QI for the Infant Toddler Program – NC Division of Public Health Infant Toddler
Meeting 12/4/12

NCHA Readmissions Collaborative - Improving Transitions of Care for Ambulatory
Practices 10/11/12

Racial Disparities in Lung Cancer – ECU Hem-ONC GR 9/14/12

CTG Action Institute – Practice Facilitation for QI of Cardiovascular Measures
9/12/12

Lectures for students and residents:

Post MI and Beyond: How Do We Get the Best of Medical Care? (The role of
QI in outcomes)

How to Interpret Blood Gasses

Mechanical Ventilation

CHF Update

Pre-Operative Evaluation

Evaluating Solitary Pulmonary Nodules

Lung Cancer Surgery: Disparities in Care

I also give CME talks throughout the state currently related to chronic disease management and performance improvement. Additionally, I serve as the clinical director for the North Carolina Health Information Technology Regional Extension Center, the State organization that will be charged with disseminating electronic medical records and achieving "meaningful use" in NC medical practices as mandated by Congress as part of the American Recovery and Reinvestment Act and as specified by the Office of the National Coordinator for Health Information Technology.

Grant Support

1 R18 HS023912-01 Cykert (PI)
05/01/15 – 04/30/18 Annual Direct Cost 4.2 Million Dollars
Facilitation, Spread, and Translation of Patient-Centered Evidence in North Carolina Practices (FAST PACE NC)
AHRQ
FAST PACE NC is a stepped wedge, stratified, cluster randomized trial to evaluate the effect of primary care support on evidence-based CVD prevention and organizational change process measures. Practice facilitation through onsite quality improvement coaches, advanced analytics, web-based support, and patient-centered decision aids will be used to accelerate practice change and accelerate implementation of PCOR findings to improve heart health and increases primary care practices' capacity to incorporate other PCOR findings in the future. A successful intervention would prove that practice facilitation supported by effective informatics tools is an effective method of translating PCOR findings into practice. Discernible reductions in cardiovascular risk in 300 practices covering over an estimated 900,000 adult patients would likely lead to prevention of thousands of cardiovascular events within 10 years.

1 U48DP 005017-01 Leeman and Cykert (co-PIs Core Research Project)
09/30/14 - 09/29/19 Annual Direct Cost: \$303,500
Strengthening the Link Between Community and Clinical Services: Implementing Evidence- Based Interventions to Prevent and Manage CVD Centers for Disease Control Health Promotion and Disease Prevention Research Centers Program
To measure the effect of a community health worker, peer support strategy that bridges the clinic, patients, and community connected spheres to improve important cardiovascular measures and related health behaviors in rural clinics and associated communities. Important outcomes will be measured at the individual level, the clinic population level, and at the community participant level. Emphasis will be on patients with documented cardiovascular risk, their families and social contacts with a strong focus on "Million Hearts" measures (tobacco cessation, blood pressure control, cholesterol control, and aspirin use in secondary prevention).

1R01CA150980-01A1 Eng and Cykert Dates 6/1/12 – 3/31/18 (NCE)
R01 National Institutes of Health Annual Direct Cost \$462,560
ACCURE
Role: Co-Principal Investigator Effort: 1.2 months
To specify structures built into cancer care systems that make cancer care vulnerable to institutional racism and investigate how they can be changed to

reduce racial inequity in quality and completion of treatment for Stage 1-2 breast and lung cancer patients. Interventions will include electronic registries, real time data feedback, health equity training for cancer center personnel, and an enhanced communication protocol derived using community based participatory research principles.

RSG-05-217-05-CPPB (\$290,000 annual direct) Dates: 7/11 – 6/16; NCE 6/17
American Cancer Society

Lung Cancer Surgery: Decisions Against Life Saving Care – The Intervention
Role: PI. Effort 2.4 months.

This American Cancer Society sponsored study is designed to use a health literacy and culturally appropriate communication intervention for patients and electronic data tools for providers to optimize surgical treatment for early stage lung cancer for all patients and to reduce the surgical gap between African-American and white lung cancer patients. Sites include University of North Carolina Health System, Chapel Hill, NC, East Carolina University, Greenville, NC and the University of South Carolina, Columbia, NC.

UL1TR001111-02 Buse PI 09/26/13 – 04/30/18
NIH

UNC Clinical and Translational Science Award

Role: Associate Director, Biomedical Informatics Core

Major Goals: A national consortium of medical research institutions, funded through Clinical and Translational Science Awards, is working together and shares a common vision: to improve the way biomedical research is conducted across the country, reduce the time it takes for laboratory discoveries to become treatments for patients, engage communities in clinical research efforts, and train the next generation of clinical and translational researchers. The Bioinformatics Core works to plan informatics infrastructure and capacity to support multi-disciplinary and multi-center projects including large effectiveness trials using EHRs. Designing educational programs to support the incorporation and use of this infrastructure in clinical studies is also part of the group portfolio.

Completed Research Support

1U18HS020940-01 (Dewalt) (\$499,981) Dates 9/11 – 8/13
IMPACT

Agency for Healthcare Research and Quality

Role Co-Investigator. North Carolina (NC) has created a nationally recognized program of primary care redesign and ongoing improvement that serves as a model of aligned state-level multi-sector practice support. For the IMPACT project, we will enhance our current efforts by conducting a regional leadership development program that will enhance the effectiveness of the regional medical and quality improvement leaders. We will also enhance our current patient-centered medical home change package to include focused attention on the role of primary care in transitions between care settings. Effort 1.2 months.

RSGPB-05-217-01-CPPB (Cykert) 07/05 – 06/09 No cost extension to
June 30, 2010 (\$1.8 million)
American Cancer Society

Lung Cancer Surgery: Anatomy of Decisions against Life Saving Care

This American Cancer Society sponsored study was designed to prospectively identify modifiable factors causing racial disparities in lung cancer surgery decisions at five sites that included university and community systems of lung

cancer care.
Role: PI (20%)

S-D08-HPS4004-16 (Carey) 07/99 – 06/02
1-D14-HP00169-01 (Carey) 07/02 – 06/05
D55-HP05170 (Carey) 07/05 – 06/08

HRSA

General Internal Medicine Faculty Development Fellowship

Goal/Purpose To teach general internal medicine faculty from multiple academic institutions how to design and conduct research with emphasis on health services, education, and quality improvement

Role: Director of research component. (10%)

No Number Dates 02/93 – 02/95

Moses Cone Hospital, Virginia Commonwealth University, Scott and White Clinic, the Alliant Community Trust Fund

The Telephone Encounters Learning Initiative

Goal/Purpose To develop a curriculum to maximize telephone medicine skills of Internal Medicine residents

Role: Co-investigator

TS-0845 (McCormick and Harris) 07/01/02 - 06/30/05

Promote Informed Decisions on Prostate Cancer Screening

Goal/Purpose To develop brochures, videos, and discussion materials to promote provider-patient discussions of prostate cancer screening

Role: Site Director / Community Liaison (10%)

PROFESSIONAL SOCIETIES

Society of General Internal Medicine (**President of the Southern region, 2000-2001**)

Academy Health

American Public Health Association

American Medical Informatics Association

PROFESSIONAL SERVICE

Serve as Reviewer for:

The Journal of General Internal Medicine

Chest

The Journal for Health Care for the Poor and Underserved

Annals of Internal Medicine

Journal of the American Medical Association (Currently 4 to 8 manuscripts per year)

Medical Decision Making

Medical Care

Participant with the President's Council of Advisors on Science and Technology – Workshop on Systems Engineering for Healthcare, July 16, 2013

Member the Office of the National Coordinator for Health Information Technology Strategy Technical Expert Panel (May 2009)

Society of General Internal Medicine Health Policy Committee 2009-present

External Reviewer, DOD Contract, Racial Disparities in the Initiation and Intensity of Adjuvant Therapies for Breast Cancer (Neugot, PI, Columbia University) 2007-2009

Scientific Review Panel, Cancer Control and Prevention: Psychosocial and Behavioral Research Committee, The American Cancer Society (Ronit Elk, PhD, Scientific Review Administrator) 2005 to 2010.

Workshop Review Subcommittee on Addressing Disparities in Health, Society of General Internal Medicine 2001

The Scientific Review Panel, Agency for Healthcare Research and Quality, concerning the grant program targeting Primary Care Practice-Based Research Networks (Veronica Friel, PhD, Scientific Review Administrator) 2000

Health Policy / Administration Workshop Committee for the national meeting of the Society of General Internal Medicine

State of North Carolina

Member, North Carolina Health Information Exchange Board. May 2010 – November 2012.

Vice Chair, North Carolina Health Information Technology Collaborative (The advisory body to the Governor for the development and implementation of the NC HIT system including the development of clinical measures including measures relevant to cancer health disparities) 2009-2010

Member, the North Carolina Health Information Technology Task Force (April 13 -June 1, 2009 – work completed)

Chair, Practice Support Committee, the North Carolina Healthcare Quality Alliance (our Statewide Chronic Disease QI Project stemming from RWJ's "Improving Performance in Practice") 2007-present

Member, Steering Committee, North Carolina Institute of Medicine Accountable Care Act Task Force

Co-chair, Quality Committee, , North Carolina Institute of Medicine Accountable Care Act Task Force

Member, NC Partnership for Compassionate Care Steering Committee (MOST FORM, End of life decision-making) 2013-2015

Chairman of the Board, the North Carolina Healthcare Quality Alliance December 2016 - present

UNC-Chapel Hill

UNC SOM Education Committee, July 2012 – present

Fellow UNCSOM Academy of Educators 2009 to present

Member, Clinical Curriculum Committee 2006-2008, UNC-CH School of Medicine

Co-Chair, Curriculum Implementation Task Force for the 3rd and 4th year Curricula, UNC-CH School of Medicine circa 2005

Research Fellow, The Sheps Center for Health Services Research The University of North Carolina, Chapel Hill 2002-present.

Research Fellow, The Center for Health Promotion and Disease Prevention, The University of North Carolina, Chapel Hill 2015 – present.