

Chyke A. Doubeni, M.D., M.P.H.

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Education

- 2002-2004 M.P.H., University of Massachusetts (UMASS), Amherst, MA
- 2002-2004 Preventive Medicine Residency
Department of Family Medicine & Community Health
UMASS Medical School, Worcester, MA
- 1995-1998 Residency, Department of Community and Family Medicine
Duke University Medical Center, Durham, NC
- 1993 Fellowship of the Royal College of Surgeons of England, London
- 1982-1987 M.D., (MB, BS: Bachelor of Medicine & Bachelor of Surgery)
University of Lagos, Nigeria

Other research training

- 2008 **National Cancer Institute and the Kellogg Health Scholars Program**, Workshop on Behavioral Methodologies in Cancer Research For Underrepresented Investigators, San Diego, CA
- July 2007 **National Cancer Institute**, Summer Curriculum in Cancer Prevention, The Principles and Practice of Cancer Prevention and Control, Rockville, MD

Other Internships and Residencies

- 1994-1995 Internship, General Surgery
Sinai Hospital of Detroit, Detroit, MI
- 1993-1994 Internship, Plastic and Reconstructive Surgery
University of Utah Hospital, Salt Lake City, UT
- 1991-1993 Senior House Officer (Surgery)
Leicester Royal Infirmary; and Worcester Royal Infirmary
At Leicester and Worcester, England
- 1989-1991 Senior House Officer (Casualty, Plastics and Pediatrics)
Port-of-Spain General Hospital, STD Clinic and Sangre Grande Hospital, Trinidad & Tobago
- 1988-1989 Medical Officer (National Youth Service Corp)
Nasarawa Hospital/Railway Clinic, Kano, Nigeria
- 1987-1988 Internship (general)
University of Port-Harcourt Teaching Hospital, Port-Harcourt, Nigeria

Appointments

2/2011-present	Associate Professor Department of Family Medicine & Community Health University of Massachusetts Medical School, Worcester, MA
2004-2011	Assistant Professor Department of Family Medicine & Community Health, University of Massachusetts Medical School, Worcester, MA
2010-2011	Assistant Professor Department of Quantitative Health Sciences, University of Massachusetts Medical School
1999-2000	Voluntary Community Faculty for: Duke Family Medicine and East Carolina University Family Medicine.

Other Positions and Employment

1998-2001	Head, Steering Committee CQI initiative Wilson Community Health Center, Wilson, NC Staff Physician
1998-2001	Wilson Community Health Center, Wilson, NC
2000-2001	Medical Director Wilson Community Health Center Wilson, NC
2009-2010	Associate Vice Provost for Diversity, ad interim University of Massachusetts Medical School Worcester, MA

Certification and Licensure

2010	Diplomate, American Board of Preventive Medicine
1998	Diplomate, American Board of Family Medicine
2002	Massachusetts Board of registration in Medicine (Active)
1997	North Carolina Medical Board (Active)
1991	ECFMG Certified

Professional Memberships and Activities

Memberships

2011-	American Gastroenterological Society (July 2011)
2009-present	American College of Preventive Medicine (ACPM)
2003-present	North America Primary Care Research Group
2004-present	American Academy of Family Physicians (AAFP)
2005	AcademyHealth

Review Panels

July 12, 2011 *Chair, mock NIH Study Scientific Review Group on July 12, 2011 as part of Professional Development Workshops at the Cancer Health Disparities Program Meetings 2011 held in Bethesda Maryland*

Ad Hoc Reviewer

2011	Pediatrics
2011	BMC Gastro
2010	Archives of Internal Medicine
2010	Journal of General Internal Medicine
2010	American Journal of Epidemiology
2010	Cancer Causes and Control
2010	American Journal of Public Health
2010	BMC Cancer
2009	Cancer Epidemiology, Biomarkers & Prevention
2008	Social Science & Medicine
2008	Nicotine & Tobacco Research
2008	International Journal of Environmental Research and Public Health
2008	Cancer Detection and Prevention
2007	Medical Care

Honors and Awards

2011	2010 Presidential Early Career Award for Scientist and Engineers (PECASE) , “the highest honor bestowed by the United States government on science and engineering professionals in the early stages of their independent research careers.”
2001	Community Service Award in Health and Medicine Awarded by the Beta Beta Beta Chapter of the Omega Psi Phi Fraternity at Wilson, NC
2000	American Academy Family Practice Recognition Certificate as an Active Teacher in Family Medicine, through East Carolina University in Greenville, NC
1998	Practice Course , Duke University Medical Center and School of Medicine. In recognition and appreciation: as a Teacher of the art and science of Medicine for providing 2 years of longitudinal learning in clinical medicine for first year medical students.
1998	Terry Kane Award , Duke Family Medicine Program. For excellence in clinical family medicine for excellence and demonstrated “interest in patient education, attention to family oriented issues and demonstrated ability to balance family and professional needs.
1996	Thomas E. Matheson, MD Memorial Award in Family Practice. Duke Family Medicine Program
1994	Honor roll Sinai Hospital of Detroit Awarded for “Excellence in Service” to patients
1983-1986	Nine scholarly awards and honors , University of Lagos, Nigeria

Committee Assignments and Administrative Services

National & Academic Service

2010	National Cancer Institute Division of Cancer Control and Prevention, National Cancer Screening Think Tank
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2009-present	Member, Cancer Research Network Steering Committee
2009-2010	Member, Group on Diversity and Inclusion, AAMC
2008-present	Leader (PI) of the Virtual Data Warehouse Census Data Workgroup
2008-present	Member, Virtual Data Warehouse Implementation Group
2008	Umass Medical School Representative on the Board of the Council of Academic Institutional Leader, Institute for the Advancement of Multicultural and Minority Medicine (National Advocacy Organization on issues of racial health disparities)
2007-2010	Co-leader of the Racial Disparities Scientific Interest Group, Cancer research Network

Committees and Community Service

2009-2010	Member, Educational Diversity Initiative, UMASS
2009-2010	Member, Oversight Committee for the Faculty Diversity Scholars Program, UMASS
2009	Co-lead, Faculty Development Strategic Plan Implementation group, UMASS
2009	Member, Office of Federal Contracts and Compliance Recruitment Task Force, UMASS
2009	Member, Search Committee for Associate Vice Chancellor for Diversity and Equal Opportunity, UMASS
2008-present	Member, Common Pathways/MassCONNECT (Community Networks Program)
2007-present	Member, Steering Committee of the UMASS PBRN, UMASS
2007-present	Member, Faculty & Leadership Development Strategic Planning Workgroup, UMASS
2007-2008	Member & Co-Leader, Ad hoc group of the UMASS Council on Equal Opportunity and Diversity on experiences of minority residents in Family Medicine (conducted focus groups)
2007	Member, Search Committee for Chair of Quantitative Health Sciences, UMASS
2007	Served on appeal committee for Office of Graduate Medical Education, UMASS
2003-present	Member, Minority Academic Achievement Committee (formerly Minority Faculty Recruitment and Retention Committee), Council on Equal Opportunity and Diversity
2003-2006	Member, Worcester Infant Mortality Reduction Task Force

Educational Activities

Advising

2007-present	Medical student advisor particularly minority students, UMASS
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Mentoring

2008 & 2009	Mentoring and Supervising, Summer Research Students at UMASS (Anna Bingham & Angela Young. Ms. Young had 2 publications during this experience). I currently mentor a junior faculty in the department of psychiatry and another at Scott and White Healthcare in Austin Texas. I have worked very closely with a faculty at Howard University
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Teaching

Apr/Jun 2011	Third year medical student Journal Club
2009 & 2010	Presented multiculturalism interclerkship large group workshops for Medical Students on: <i>The Intersection of Culture, Socioeconomic Status and Health Disparities</i>
2006-2009	Lectures in The Program in Clinical and Population Sciences, University of Massachusetts Medical School, Worcester, MA
2003-present	Longitudinal Preceptorship Program (for medical students), University of Massachusetts Medical School, Worcester, MA
2003-2008	Interclerkships in Managed Care, Multiculturalism and Domestic Violence, University of Massachusetts Medical School, Worcester, MA
2003-2007	Epidemiology/Biostatistics Clerkship for Medical Students, University of Massachusetts Medical School, Worcester, MA
2002-present	Precepting Third Year Medical Student, Family Medicine Clerkship, UMASS
2001	Served as preceptor for East Carolina University School of Medicine Family Medicine Residency Program, NC
1998-2000	Served as preceptor for UNC and Duke Medical Students through the Area L AHEC, Rocky Mount, NC
1998-1999	Served as Duke Family Medicine Residency preceptor, Durham, NC
1998	Practice Course, Duke University Medical Center and School of Medicine providing 2 years of longitudinal learning in clinical medicine for first year medical students.

Research Support

Ongoing Research Support

U54CA163262 (Corley/Doubeni/Levin/Zauber) 3.0 CM 09/1/2011-08/31/2016
NIH/NCI (priority score 26) \$130,650 [DC in 2011] (\$8.2m total award)

Optimizing Colonoscopy & Fecal Immunochemical Tests for Community-Based Screening

The goal of this proposal is to establish a PROSPR Research Center aimed at maximizing the benefits and minimizing the harms of screening with colonoscopy or FIT in community settings. The project will also use CISNET MISCAN microsimulation modeling to examine the benefits, harms and comparative effectiveness of the two tests and assesses the likely relative impact of remediating preventable failures in the CRC screening process as well as explore the development of improved methods of risk-stratification for screening. The project will also support developmental projects beginning in the second year.

Role: Co-PI (subcontract)

5U01CA151736 (formerly 5R01CA151736) (Doubeni/Fletcher) 2.4 [3.0 in Y1/2] CM 09/1/2010 - 03/1/2015
NIH/NCI (priority score 19) \$2,622,319 [DC]

Effectiveness of Screening Colonoscopy in Reducing Death from Colorectal Cancer

The goal of this three-site study is to estimate the effectiveness of screening colonoscopy in reducing death from colorectal cancer among average-risk adults, particularly in the right colon, using a nested case-control design. This RO1 was converted to a UO1 in the second year of funding due to scientific interest by NCI.

Role: co-PI

5UC2CA148576 (formerly RC2CA148576) (Buist/Doubeni) 1.2 CM 09/1/09 - 08/31/2012
NIH/NCI \$4m [No cost extension]

SEARCH: Cancer Screening Effectiveness and Research in Community-based Healthcare.

The goal is to develop scientific and methodological capacity for cancer screening comparative effectiveness research in a community-based setting using administrative and clinical databases and medical records data.

Role: co-PI

5K01CA127118 (Doubeni) 6.0CM 09/10/07 - 8/31/2012
NIH/NCI \$655,275 [DC]

Understanding Racial and Ethnic Differences in Survival from Colorectal Cancer

The goal of this career development research award is to investigate underlying causes of racial and ethnic differences in CRC survival. The long-term goal is to contribute to national efforts to reduce or eliminate the disproportionate burden of CRC among vulnerable populations.

Role: PI

3U01 CA151736-01W1 (Doubeni) 0.0 CM 06/1/2011-03/31/2013
NCI/NIH \$340,778 [DC]

Minority supplement to Effectiveness of Screening Colonoscopy in Reducing Death from Colorectal Cancer
This is a training award for Torres Stone (Project Leader) from the NCI Center to Reduce Cancer Health Disparities

Role: PI

Pending Research Support

Completed Research Support

K01 CA127118-03-S1 (Doubeni) 0.0CM 09/25/2009 - 09/24/2011
NCI/NIH \$60,445 [DC]

ARRA-Understanding Racial & Ethnic Differences in Survival from Colorectal Cancer

The goal of this ARRA administrative supplement is to support career development under the K-award.

5UC2CA148576 (formerly RC2CA148576) (Buist/Doubeni) 2.64CM 09/1/09 - 08/31/2011

NIH/NCI

\$4m

SEARCH: Cancer Screening Effectiveness and Research in Community-based Healthcare.

The goal is to develop scientific and methodological capacity for cancer screening comparative effectiveness research in a community-based setting using administrative and clinical databases and medical records data. The long-term goal is to generate and disseminate findings about high priority comparative effectiveness research topics for patients, clinicians, policy makers, payers and public health practitioners. The project is supported by a national Advisory Board of scientists and policy makers on cancer screening and in collaboration with the Cancer Intervention and Surveillance Modeling Network (CISNET). The specific aims over this two-year GO grant are to: 1) Create a multi-disciplinary, multi-site team for CER focused on the delivery of cancer screening in community-based settings; 2) Develop methodological capacity for future large-scale, population-based CER studies; 3) Demonstrate our ability to conduct CER in the area of cancer screening to address important evidence gaps by conducting two proof of principles projects concerning colorectal and cervical cancer. The methods core on the project is developing approaches for efficiently extracting data elements from databases and electronic medical records, including free-text search and NLP.
Role: co-PI

U01 CA114644-04S1

(Koh/Viswanath)

0.0 CM

09/07-05/10

NIH/NCI

\$50,000

Improving the Process of Cancer Screening for Low Income Diverse Populations

The overall goal of this project funded under the auspices of the Massachusetts Community Networks to Eliminate Cancer Disparities through Education, Research, and Training project, was to assess barriers and facilitators in the process of CRC screening, and complete diagnostic evaluation of abnormal screening for low income patients receiving care at community health centers. The project used mixed methods design with a community-based participatory research approach to compare experiences and perceptions of healthcare providers and ancillary staff on breast cancer to CRC

Role: Project Leader

U19 CA079689-10-S

(Wagner, Edward)

0.0 CM

04/08-05/09

NIH/NCI

\$75,000

Socioeconomic Diversity in Integrated Healthcare Delivery Systems

The major goal of this pilot project was to assess the area-level socioeconomic and racial structure of enrollees of participating integrated health delivery systems and compare use of preventive health care services according levels of neighborhood SES. It is commonly believed that enrollees of integrated healthcare delivery systems are not representative of the US population because they are insured and are from the working class. The study used census tract data linked to electronic databases from diverse integrated healthcare delivery systems to assess the distribution of SES indicators for this population and examine SES gradients in the receipt of cancer screening tests (mammography and colonoscopy) and pneumococcal vaccination.

Role: Project Leader

19CA079689-06-S

(Wagner, Edward)

9.0CM

04/04 – 02/07

NIH/NCI

Research supplement for underrepresented minorities

Studies conducted under the auspices of this funding reported on the utilization patterns of cancer early detection services among women following diagnosis of incident breast cancer or cervical neoplasm. Additional work examined colorectal and breast cancer disparities in integrated health care settings.

Role: Project Leader

RWJF # 57704

(Doubeni, PI)

06/2006–05/2007

RWJF/Substance Abuse Policy Research Program \$35,000

How Do Perceived Availability and Knowledge of Commercial Sources of Tobacco Contribute to Tobacco Use?

This project assessed whether perceived availability, and/or merchant non-compliance with tobacco ordinances are risk factors for susceptibility, initiation, or regular tobacco use among adolescents. Studies conducted under this project demonstrated that smoking and the development of addiction are two reinforcing processes

(Doubeni) 3.0 – 6.0 CM 01/2004-01/2008
 University of Massachusetts Medical School \$150,000
 Faculty Diversity Recruitment Incentive Program (FDSP)
 This provided research support under a faculty diversity program for career development activities
 Role: Project Leader

(Gurwitz, Jerry) 0.0 CM 01/2002-07/2004
 Sanofi-Synthelabo \$250,000
 Peripheral Arterial Disease in the Managed Care Setting
 The major goal of this project, conducted as part of my MPH thesis, was to assess the feasibility of screening for peripheral arterial disease in the managed care setting. This multifaceted study examined the feasibility of screening for peripheral arterial disease by assessing the yield from screening a high-risk population with no pre-existing cardiovascular disease. The study also assessed the effort required to conduct the ankle-brachial index testing, and the impact of providing the result of a positive screening test for peripheral arterial disease to the primary care physician utilizing a randomized control design.
 Role: Project leader

HRSA # H76HA00682 (Doubeni) 0.0 CM 2000-2001
 HRSA - Title III Ryan White Program
 The major goal of this program was to provide accessible coordinated care to persons living with the HIV virus. The program provided comprehensive primary healthcare for people living with HIV/AIDS at the Wilson Community Health Center in Wilson, NC. This program was implemented in collaboration with the Division of Infectious Diseases at East Carolina University School of Medicine.
 Role: Program/Medical Director

Unfunded grants

K01CA127118(S) Doubeni (PI) 3.0 CM 09/1/2011-08/31/2012
 NIH \$183,770
 Bioethics Research, Training or Translation
 The theme of the project is: Applying Bioethics Principles to Optimize Colorectal Cancer Screening [BECAN], which aims to: 1) Assess the bioethical issues involved in colorectal cancer screening; 2) Assess for differential item functioning between whites and non-whites in their responses to a newly developed scale on Therapeutic Misconception; and 3) Assess the feasibility of validating the current TM scale in ongoing trials of CRC screening.

Mei-Ling Ting Lee (PI) 0.6 CM 09/1/2011
 NCI/NIH \$100,746
 PROSPR Statistical Coordinating Center
 The goal of this proposal (5-year) in submission is to establish a PROSPR Statistical Coordinating Center.
 Role: Consultant

(Corley) 3.6 CM 02/15/2010
 AHRQ #
 Gastrointestinal Diseases Comparative Effectiveness Research Network (GastroC-Net)
 This is a 3-year comparative effective research (CER) project had a primary goal of linking diverse data sources across the continuum of care as a resource for new CER. Specifically, the project aimed to: 1) Establish a new virtual Gastrointestinal Disease Comparative Effectiveness Network (GastroC-Net) that links new data, existing resources, and a transdisciplinary team of national experts, end-users, and stakeholders in CER including clinicians, health IT specialists, and health care administrators and leaders; 2) Create a novel electronic infrastructure to integrate new and existing data sources across the continuum of care to facilitate CER, clinical decision support, and randomized trials in large populations; and 3) Demonstrate our ability to conduct CER by comparing colon polyp/cancer detection rates for the three primary screening modalities recommended by the United States Preventive Services Task Force: colonoscopy, fecal blood testing, and sigmoidoscopy.
 Role: Co-I/Site Director/Co-Director of Dissemination/Translation

DP4GM096840
NIH

(Plummer)

0.6 CM
\$1.5m

9/1/2010

Increasing Faculty Diversity in Biomedical Research

The goal of this application to **NIH Director's ARRA Funded Pathfinder Award to Promote Diversity in the Scientific Workforce** was to develop a National Center for Diversity Excellence in the Biomedical Sciences at University of Massachusetts Medical School to reduce academic career barriers for postdoctoral fellows from underrepresented groups by engaging institutional leaders and URG scholars through innovative new approaches (Mentoring Circles, Future Search Conference, and TED Conference) and providing URG scholars with new professional development tools for scientific success and upward career mobility.

Role: Investigator

Publications

Original Peer Reviewed Publications

1. **Doubeni CA**, Laiyemo AO, Major JM, Schootman M, Lian M, Torres Stone RA, Park Y, Graubard BI, Hollenbeck A, Sinha R. Socioeconomic status and the risk of colorectal cancer: an analysis of over one-half million adults in the NIH-AARP Diet and Health Study. *Cancer, in press*
2. Major JM, Cross A, **Doubeni CA**, Freedman ND, Park Y, Lian M, Hollenbeck AR, Schatzkin A, Graubard BI, Sinha R. Impact of Neighborhood Socioeconomic Deprivation on the Meat Intake and mortality Association: NIH-AARP Diet and Health Study. *Cancer Causes and Control*, 2011 Oct 5; DOI 10.1007/s10552-011-9846-0.
3. **Doubeni CA**, Schootman M, Major JM, Torres Stone RA, Laiyemo AO, Park Y, Messer L, Lian M, Graubard BI, Hollenbeck AR, Sinha R, Schatzkin A,. Health status, neighborhood socioeconomic context and premature mortality in the United States: The NIH-AARP Diet and Health Study. *Am J Public Health*, Aug 2011; doi:10.2105/AJPH.2011.300158
4. Lian M, Schootman M, **Doubeni CA**, Park Y, Major JM, *Torres Stone RA, Laiyemo AO, Hollenbeck A, Graubard BI, Schatzkin A. Geographic Variation in Mortality among Colorectal Cancer Survivors and the Effect of Small-area Socioeconomic Deprivation: A Multilevel Survival Analysis of the NIH-AARP Diet and Health Cohort. *American Journal of Epidemiology*. 2011, August 11, doi: 10.1093/aje/kwr162
5. Laiyemo AO, **Doubeni CA**, Sanderson AK, Pinsky PF, Doria-Rose VP, Badurdeen D, Marcus PM, Schoen RE, Lanza E, Schatzkin A, Cross AJ. Likelihood of missed and recurrent adenomas in the proximal versus the distal colon. *Gastrointest Endosc*. 2011;74:253-61. [Published with an editorial]
6. Major JM, **Doubeni CA**, Freedman ND, Park Y, Lian M, Hollenbeck AR, Schatzkin A, Graubard BI, Sinha R. Neighborhood Socioeconomic Deprivation and Mortality: NIH-AARP Diet and Health Study. *PLoS ONE* 5(11): e15538. doi:10.1371/journal.pone.0015538
7. **Doubeni CA**, Layeimo AO, Klabunde C, Reed G, Field TS, Fletcher R. Primary Care, Economic Barriers to Health Care and Use of Colorectal Cancer Screening Tests among Medicare enrollees Over Time. *Ann Fam Med*. 2010 Jul-Aug;8(4):299-307
8. **Doubeni CA**, Reed G, DiFranza JR. The Course of Symptom Development in Nicotine Dependence. *Pediatrics*. 2010 Jun;125(6):1127-33. Epub 2010 May 3.
9. Layeimo AO, **Doubeni CA**, Pinsky, PF, Doria-Rose, VP, Bresalier R, Lamerato LE, Crawford ED, Kvale P, Fouad M, Hickey T, Riley T, Weissfeld J, Schoen RE, Marcus PM, Prorok PC, Berg CD. Race and Colorectal Cancer Disparities: Healthcare Utilization versus Different Cancer Susceptibilities. *JNCI*. 2010;102(8) [Published with an editorial]
10. **Doubeni CA**, Layeimo AO, Klabunde C, Reed G, Field TS, Fletcher R. Racial and Ethnic Differences in Colorectal Cancer Screening Trends among Medicare enrollees, 2000-2005. *Am J Prev Med* 2010;38(2):184

11. **Doubeni CA**, Layeimo AO, Reed G, Field TS, Fletcher R. Socioeconomic and racial patterns of colorectal cancer screening among Medicare enrollees in 2000 to 2005. *Cancer Epidemiol Biomarkers Prev.* 2009 Aug;18(8):2170-5. Epub 2009 Jul 21
12. **Doubeni CA**, Li W, Fouayzi H, DiFranza, JR. Perceived accessibility of cigarettes among youth: a prospective cohort study. *Am J Prev Med.* 2009 Mar;36(3):239-42. Epub 2009 Jan 21.
13. **Doubeni CA**, Li W, Fouayzi H, DiFranza JR. Perceived accessibility as a predictor of youth smoking. *Ann Fam Med.* 2008 Jul-Aug;6(4):323-30
14. Field TS, **Doubeni CA**, Fox MP, Buist DSSM, Wei F, Geiger AM, Quinn VP, Lash TL, Prout MN, Ulcickas YM, Frost FJ, Silliman RA. Under-Utilization of Surveillance Mammography among Older Breast Cancer Survivors. *J Gen Intern Med.* 2008 Feb;23(2):158-63. Epub 2007 Dec 1.
15. **Doubeni CA**, Field TS, Buist DSM, Korner EJ, Bigelow C, Lamerato L, Herrinton L, Quinn VP, Hart G, Hornbrook MC, Gurwitz JH, Wagner EH. Racial and Ethnic Differences in Tumor Stage and Survival for Colorectal Cancer. *Cancer* 2007 Feb 1;109(3):612-20.
16. Spencer FA, Lessard D, **Doubeni CA**, Yarzebski J, Gore JM, Goldberg RJ. Treatment Practices and Outcomes of Patients with Established Peripheral Arterial Disease Hospitalized with Acute Myocardial Infarction in a Community Setting. *Am Heart J.* 2007 Jan;153(1):140-6.
17. **Doubeni CA**, Bigelow C, Lessard D, Spencer F, Yarzebski J, Gore J, Gurwitz JH, Goldberg R. Trends and Outcomes Associated with Angiotensin-Converting Enzyme Inhibitors. *Am J Med.* 2006 Jul;119(7):616.e9-16.
18. **Doubeni CA**, Field TS, Ulcickas Yood M, Quessenberry CP, Fouayzi H, Gurwitz JH, Wei, F. Patterns and Predictors of Mammography Utilization Among Breast Cancer Survivors. *Cancer.* 2006;106(11):2482-88.
19. **Doubeni CA**, Yood R, Emani S, Gurwitz JH. Identifying Unrecognized Peripheral Arterial Disease Among Asymptomatic Patients in the Primary Care Setting. *Angiology.* 2006;57(2):171-180
20. Field TS, Buist DSM, **Doubeni CA**, et al. Disparities and survival among breast cancer patients. *J Natl Cancer Inst Monogr.* 2005;(35): 88-95

Non-Peer Reviewed:

Young, Angela C, **Doubeni CA**, DiFranza JR. Preventing Smoking in Youths. *Pediatrics for Parents.* 2009 [Summer student]

Published Abstracts

1. **Doubeni CA**, Yood R, Emani S, Gurwitz JH. Feasibility of Screening for Peripheral Arterial Disease in Populations not known to have Cardiovascular Disease. *Am J Manag Care.* 2004;10:652.
2. **Doubeni CA**, Yood R, Emani S, Gurwitz JH. Identifying Unrecognized Peripheral Arterial Disease among Asymptomatic Patients in the Primary Care Setting. *The Kaiser Permanente Journal.* Spring 2005;9(2):6.
3. **Doubeni CA**, Field TS. Improvements in Colorectal Cancer Screening among Medicare Enrollees 2000-2005. *Clinical Medicine & Research.* Dec 2008;6(3-4):134
4. Laiyemo AO, **Doubeni CA**, Pinsky PF, Doria-Rose VP, Bresalier R, Lamerato LE, Crawford ED, Kvale P, Fouad M, Hickey T, Riley T, Weissfeld J, Schoen RE, Marcus PM, Prorok PC, and Berg CD . Race-Ethnicity And Colorectal Cancer Disparities: Is There A Difference In Adenoma Initiation? Evidence from the Prostate, Lung, Colorectal, and Ovarian (PLCO) Cancer Screening Trial. *Gastrointest Endosc.* 2009;69(5):AB275.
5. Laiyemo AO, **Doubeni CA**, Pinsky P, Doria-Rose V, Marcus P, Cross A, Lanza E, Schatzkin A. Does the location of adenoma at baseline predict the location of subsequent recurrence? *Gastrointest Endosc.* 2009;69(5):AB108.

Revise and resubmit

1. Laiyemo AO, **Doubeni CA**, Schoen RE, Pinsky P, Prorok P, Berg C, Marcus P, Doria-Rose P, Sanderson A, Bresali R, et al. Factors associated with inadequate colorectal cancer screening with flexible sigmoidoscopy. *Cancer Epi*
2. Briesacher B, Tjia J, **Doubeni CA**, Chen Y. Methodological Issues in Using the Medicare Current Beneficiary Survey for Longitudinal Analyses. *Medicare & Medicaid Research Review*.

In submission

1. Chubak J, Rutter CM, Kamineni A, Johnson EA, Stout NK, Weiss NS, **Doubeni CA**, Buist DSM. Measures of relative effectiveness of screening tests: defining and understanding the essentials for comparative effectiveness research. *Health Affairs*.
2. **Doubeni CA**, Major JM, Laiyemo AO, Schootman M, Zauber AG, Hollenbeck A, Sinha R, Allison J. Contribution of Behavioral factors to Socioeconomic Differences in Incidence of Colorectal Cancer: results from the prospective NIH-AARP Diet and Health Study. *JNCI*

In preparation:

1. **Doubeni CA**, Laiyemo AO, Doubeni ARB, Phillips KL, Tjia J, Briesacher B. Delivery of Colorectal Cancer Screening Services in Primary Care Varies According to Specialty.
2. Fouayzi H, **Doubeni CA**, Robinson S, Bonollo D, Gunter M, Field TS, Roblin D, Fletcher RH. Neighborhood Poverty and Use of Colonoscopy or Sigmoidoscopy in an Insured Population – A retrospective cohort study
3. Laiyemo AO, **Doubeni CA**, Badurdeen, DS, Murphy G, Marcus PM, Schoen RE, Lanza E, Smoot DT, Cross, AJ. Obesity, weight change and the risk of adenoma recurrence in the Polyp Prevention Trial

Abstracts and Presentations

Invited National/International Oral Presentations

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| May 9, 2011 | Co-presented (with Ann G. Zauber) Focused Clinical Update Session on Colorectal Cancer Screening and Surveillance at Digestive Disease Week 2011, Chicago. |
| Mar 25, 2011 | Panelists and presented on <i>Getting Evidence-Based Practices into Primary Care on the Community Level</i> at the 2011 <i>Dialogue for Action™</i> on Colorectal Cancer Screening: Prevention Now for a Healthier Tomorrow in Baltimore on 3/25/2011. The presentation was part of a panel discussion and follow-on dialogue on evidence-based practices in primary care. |
| Nov 1, 2010 | <i>A Career in Cancer Research in the HMO CRN</i> . NCI Board of Scientific Advisors meeting at the invitation of the Division of Cancer Control and Population Sciences, NIH, Bethesda, MD |
| July 29, 2010 | <i>Screening for colorectal cancer: mind the gap</i> . Grand Rounds. Department of Biostatistics and Epidemiology, Henry Ford Health System |
| Jun 7, 2010 | <i>Cancer Screening Research Priorities: Delivery Organization and Systems</i> . NCI DCCPS National Cancer Screening Think Tank, 2010, Bethesda, MD |
| Jun 3, 2010 | <i>Using Colonoscopy for Colorectal Cancer Screening: Do We Have All the Answers?</i> 2010 Citywide Colon Cancer Control Coalition (C5) Summit: <i>Addressing Disparities in CRC Screening, Treatment and Outcomes</i> . Memorial Slone Kettering Cancer Center, NY |
| May 10, 2010 | <i>Using Colonoscopy for Colorectal Cancer Screening: Do We Have All the Answers?</i> Norris Cotton Cancer Center at Dartmouth-Hitchcock |

- Apr 16, 2010 *Colorectal cancer health disparities: race and socioeconomic status.*
NCI/Center to Cancer Health Disparities Professional Development Workshop,
Washington, DC
- March 2010 Panel Presentations and discussion on Cancer Comparative Effectiveness Research
HMO/CRN with other CRN investigators and NCI program staff, Austin, TX
- October 2006 *Diagnosis and Treatment of Peripheral Arterial Disease (PAD) in Primary Care.*
PRIMED Conference Boston: PRIMED is a regional CME conference for Primary Care
Physicians, NPs and PAs.

Moderator National/International

- March 2010 Cancer Oral Presentations session
Annual HMO Research Network Meeting, Austin, TX
- Nov. 2008 Session on Health Care Delivery/Health Services Research II, North America Primary
Care Research Group annual meeting, San Juan, Puerto Rico
- April 2008 Co-Moderator and Session Organizer for Health Disparities session
Annual HMO Research Network Meeting, Minneapolis, MN
- Oct 2007 Moderator of Cancer Concurrent research paper presentation, North America Primary
Care Research Group annual conference, Vancouver, Canada

Organized and Presented at Session – National/International

- April 2009 Socioeconomic Diversity in Integrated Health Care Delivery Systems.
Session on Pilot Projects. HMO/CRN Annual Conference, Danville, PA

Oral Presentation of Abstracts – National/International

- May 2011 Laiyemo AO, Badurdeen D S, **Doubeni CA**, Begum R, Pinsky P, Marcus P, Schoen R E,
Lanza E, Schatzkin A, Cross A, Smoot DT. "Number of first degree relatives with colorectal
cancer, their ages at diagnosis, and the risk of adenoma recurrence among participants in the
Polyp Prevention Trial." DDW 2011, Chicago
- April 2011 Laiyemo AO, **Doubeni CA**, Williams CD, McDonald-Pickett S, Schoen RE, Marcus PM,
Lanza E, Schatzkin A, Smoot DT, Cross A. Short- and Long-term risk of adenoma
recurrence with cigarette smoking: An analysis of the Polyp Prevention Trial and
Continued Follow-up Study. 102nd AACR Annual Meeting, Orlando, FL
- March 2010 **Doubeni CA**, Robinson S, Fouayzi H, Roblin D, Field T, Fletcher R. Neighborhood
Socioeconomic Conditions and Use of Preventive Health Care Services in Insured
Populations. Annual HMO Research Network Meeting, Austin, TX
- Dec 2009 **Doubeni CA**, Laiyemo AO, Lian M, Messer L, Park Y, Schatzkin A. The association of
neighborhood socioeconomic context and mortality in a large national cohort in the United
States: The NIH-AARP Diet and Health Study. American Association for Cancer
Research Conference on Frontiers in Cancer Prevention Research, Houston, TX
- May 2009 Laiyemo AO, **Doubeni CA**, Pinsky P, Doria-Rose V, Marcus P, Cross A, Lanza E,
Schatzkin A. Factors associated with distal and proximal adenoma recurrence among
participants in the Polyp Prevention Trial. Digestive Diseases Week, Chicago, IL
- May 2009 Laiyemo AO, **Doubeni CA**, Pinsky P, Doria-Rose V, Marcus P, Cross A, Lanza E,
Schatzkin A. Does the location of adenoma at baseline predict the location of subsequent

recurrence? Evidence from the Polyp Prevention Trial
Digestive Diseases Week, Chicago, IL

- April 2009 Using CBPR for International Collaborative Research: International Primary Care and Cancer Research Group, Copenhagen, DK
- Nov 2008 Doubeni A, Goss, Sarah, **Doubeni, C.** Does Dissatisfaction With Access to Care Impact Use of Colorectal Cancer Screening? Findings From the Medicare Current Beneficiary Survey. North America Primary Care Research Group annual meeting, San Juan, Puerto Rico
- Nov 2008 **Doubeni C,** Field T, Fletcher R. Trends in Colorectal Cancer Screening Among Medicare Enrollees 2000-2005. North America Primary Care Research Group annual meeting, San Juan, Puerto Rico
- October 2007 **Doubeni CA,** Difranza JR. Synergism Between Perceived Accessibility and Social Models on Adolescent Smoking. Extended paper presentation, North America Primary Care Research Group annual meeting, Vancouver, Canada
- May 2, 2005 **Doubeni CA,** Bigelow C, Lessard D, Spencer F, Yarzebski J, Gore J, Gurwitz JH, Goldberg R. Long-term trends (1990 to 2003) and hospital outcomes associated with the receipt of angiotensin-converting enzyme inhibitors in patients with acute myocardial infarction: A community-wide perspective. [*Selected Oral Paper Presentation*] 45th Annual Conference on Cardiovascular Disease Epidemiology and Prevention, Washington, DC
- April 5, 2005 Field TS, Buist DSM, **Doubeni CA,** et al. Health Insurance and Access to Medical Care: Do they Eliminate Survival Disparities for African American Women with Breast Cancer? 11th Annual HMO Research Network Conference, Santa Fe, NM
- Oct 10, 2004 **Doubeni CA;** Yood, R, Emani, S, Gurwitz, JH. Identifying peripheral arterial disease in Primary Care Settings, 32nd Annual Meeting of the North America Primary Care Research Group, Orlando, FL
- May 2004 **Doubeni CA,** Yood R, Emani, S, Gurwitz, JH. Feasibility of screening for peripheral arterial disease in populations not known to have cardiovascular disease Annual HMO Research Network Conference, Dearborn, MI

Poster - National/International

- Sep 2011 **Doubeni CA,** Corley DA, Doria-Rose P, Fletcher RH, Goodman M, Jensen C, Levin TR, Sundaresan D, Zauber AG. Effectiveness of Screening Colonoscopy in Reducing Death from Colorectal Cancer: A comparative effectiveness research project. New Grantee Meeting, NIH/NCI/DCCPS, Bethesda, MD.
- Oct 2010 **Doubeni CA,** Corley DA, Doria-Rose P, Fletcher RH, Levin TR, Roblin D, Weiss N, Zauber AG. Comparative Effectiveness Research on Colorectal Cancer Screening. American Association for Cancer Research (AACR) conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, Miami Beach, FL.
- Oct 2010 **Doubeni CA,** Torres Stone TA, Laiyemo AO, Major J, Schootman M, Park Y, Lian M, Graubard BI, Sinha R, Hollenbeck AR, Schatzkin A. Neighborhood socioeconomic deprivation is associated with higher risk of diagnosis with non-localized colorectal cancers: From the NIH-AARP Diet and Health Study. AACR conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, Miami Beach, FL.

- Dec 2009 **Doubeni CA**, Laiyemo AO, Lian M, Messer L, Park Y, Schatzkin A. The association of neighborhood socioeconomic context and mortality in a large national cohort in the United States: The NIH-AARP Diet and Health Study. AACR Conference on Frontiers in Cancer Prevention Research, Houston, TX
- Dec 2009 **Doubeni CA**, Laiyemo AO, Lian M, Park Y, Li W, Schootman M, Schatzkin A. Geographic and socioeconomic variations in colorectal cancer incidence in the prospective NIH-AARP Health and Diet study. American Association for Cancer Research Conference on Frontiers in Cancer Prevention Research, Houston, TX
- Dec 2009 Lian M, Schootman M, **Doubeni CA**, Laiyemo AO, Park Y, Schatzkin A. Geographic Variation and the Role of Small-area Socioeconomic Deprivation in Colorectal Cancer Survival: A Multilevel Analysis of the NIH-AARP Diet and Health Study. AACR Conference on Frontiers in Cancer Prevention Research, Houston, TX
- May 2009 Laiyemo AO, **Doubeni CA**, Pinsky P, Doria-Rose P, Bresalier R, Lamerato L, Crawford D, Kvale P, Fouad M, Hickey T, Riley T, Weissfeld J, Schoen R, Marcus P, Prorok P, Berg C for the PLCO Cancer Screening Trial. Race-Ethnicity And Colorectal Cancer Disparities: Is There A Difference In Adenoma Initiation? Evidence from the Prostate, Lung, Colorectal, and Ovarian (PLCO) Cancer Screening Trial. Digestive Diseases Week, Chicago, IL
- April 2008 **Doubeni CA**, Field TS, Fletcher, R. Patterns and Predictors of Colorectal Cancer Screening among Medicare Enrollees 2000-2005. 14th Annual HMO Research Network Conference, Minneapolis, MN
- October 2006 **Doubeni CA**, Field TS, Buist DSM, Korner EJ, Bigelow C, Lamerato L, Herrinton L, Quinn VP, Hart G, Hornbrook MC, Gurwitz JH, Wagner EH. Racial/ethnic differences in tumor stage and survival for colorectal cancer. Extended paper presentation at the North America Primary Care Research Group annual meeting. Tucson, Arizona
- October 2006 **Doubeni CA**, Field TS, Buist DSM, Korner EJ, Bigelow C, Lamerato L, Herrinton L, Quinn VP, Hart G, Hornbrook MC, Gurwitz JH, Wagner EH. Investigating Colorectal Cancer Disparities Using Automated Data in the Cancer Research Network. NIH Conference on Understanding and Reducing Disparities in Health: Behavioral and Social Sciences Research Contributions, Bethesda, MD
- October 2005 **Doubeni CA**, Field T, Ulcickas Yood M, Quessenberry CP, Fouayzi H, Wei F. Use of Cancer Detection Services Among Breast Cancer Survivors. North America Primary Care Research Group in Quebec City, Canada
- June 2005 **Doubeni CA**, Field TS, Buist DSM, et al. Racial/Ethnic and Gender Differences in Tumor Stage at Diagnosis for Patients with Colorectal Cancer. AcademyHealth Annual Research Meeting
- April 5, 2005 **Doubeni CA**, Field TS, Buist DSM, et al. Racial/Ethnic and Gender Differences in Tumor Stage at Diagnosis for Patients with Colorectal Cancer. 11th Annual HMO Research Network Conference in Santa Fe, NM.

Invited Local/Regional Meetings

- Sept 7, 2010 Journal club with pathways 3rd year students – UMASS
- Oct. 18, 2010 Health Disparities: Causes and Potential Cures
UMass Medical School. 1st and 2nd year Pathways class

Sept 29, 2010	Colorectal Cancer Health Disparities: How and Why? – Preventive Medicine Seminar, UMMS
July 6, 2009	Succeeding in a New Setting: Understanding the Culture and Climate of the WFM Residency – Worcester Family Medicine Residency Orientation with Warren Ferguson
Dec 8, 2008	Presentation on “Career Advancement for Minority Faculty” about areas that are particularly important for minorities particularly setting priorities, the right kind of mentors to the Dean and staff, MAAC & FDSP oversight committee members and FDSP scholars, Dean’s suite, UMass Medical School
Oct 16, 2008	Presentation on “Recruitment and Retention of Under-Represented Minorities” at a residency program directors retreat, UMass Medical School
Oct 4, 2008	Doubeni CA. Presentation on “Impact of Culture on the Learner-Teacher Relationship” during a departmental retreat, UMass Medical School
Sept 9, 2008	Doubeni CA. Panel discussant on the showing of Unnatural Causes to the first year medical and second year GSN students- UMASS Medical School
June, 2008	Faculty development workshop on current residency experiences in the Department of Family Medicine and Community Health, UMass Medical School with Linda Cragin
Nov 2007	Family Medicine Grand Rounds: Eliminating Cancer Health Disparities – The Role of Family Medicine, UMass Medical School, Worcester, MA
January 2004	Family Medicine Grand Rounds: Management of Peripheral Arterial Disease in Primary Care, UMass Medical School

Selected Media Interviews and Citations

4/26/06	a) <u>Interviews concerning publication “Underuse of Mammography Among Breast Cancer Survivors” in CANCER 2007 Feb 1;109(3):612-20</u>
	<u>Television interviews</u>
4/24/06	WCVB TV 5 Boston and WCCA TV 13 Worcester
	<u>Radio Interviews</u>
4/24/06	WBZ RADIO - Study: Many Breast Cancer Survivors Don't Get Regular Exams. NECN/WNT, CBS News Radio, Good Morning America Radio, WTAG Radio
June- Aug 2006	<u>Print and Online Press Interview</u> Associated Press, “U.S. study finds breast cancer survivors stop mammographies” The Star-Ledger, “Breast cancer survivors' follow-up tests decline - Study suggests less attention paid to risk over the years” Oncology Times, CR , and MAMM

Articles on Mammography Study: Over 270 media outlets, National and International, ran the AP story on the Underuse of Mammography citing my comments, including HealthDay, WebMD, the Boston Globe, Washington Post, New York Times and NCI Cancer Bulletin May 2, 2006, Volume 3 (Number 18). It was also adapted into CME programs including at WebMD and cited by Perini Family Survivors’ Center E-Bulletin of the Dana Farber Cancer Institute May 2006.

Some examples:

1. “Breast cancer survivors stop screening, study says.” Associated Press/Boston Globe, 4/24/06
2. “Mammography Underused in Breast Cancer Survivors”. Oncology Times. 2006;28(11):28-29.
3. “Where’s the Follow-Up? Many breast cancer survivors are not getting recommended mammograms”. CR. Fall 2006; 1(3):11
4. “Why Survivors Stop Getting Mammograms.” MAMM. July/Aug 2006
5. “Mammography Study Yields ‘Alarming’ Results”. Vitae: Annual report 2006 (UMASS) Dec, 2006

b) Health care access and Colorectal Cancer Health Disparities

Multiple news outlets cited the "Layeimo AO, Doubeni CA, et al. "Race and Colorectal Cancer Disparities: Healthcare Utilization versus Different Cancer Susceptibilities". JNCI. 2010:102(8) (8 April 2010). For instance, HemOnc today published a story "Health care utilization, not biology, may affect colorectal cancer disparities." Articles on Colorectal Cancer Health Disparities CANCER 2007 Feb 1;109(3):612-20 included: 12/21/06 HealthDay, "Insurance Doesn't Cure Health-Care Disparities." Several other media outlets reported on the findings from this study including UPI, Forbes, CBS News, MedPage Today, Medical News Today & MedIndia. The findings were also featured in UMASS Focus article:, "Access to health care is not enough: Study shows that racial disparities exist even among insured." 02/2007

c) Neighborhood Socioeconomic Disparities

Press interview with Reuters on Abstract "Doubeni CA, Laiyemo AO, Lian M, Messer L, Park Y, Schatzkin A. The association of neighborhood socioeconomic context and mortality in a large national cohort in the United States: The NIH-AARP Diet and Health Study." presented at the American Association for Cancer Research Conference on Frontiers in Cancer Prevention Research, held Dec. 6-9, 2009. The ABC story "Life May Be Shorter in Poorer Neighborhoods" by Megan Brooks highlighted that "There was an increased risk of death from any cause or cancer in socioeconomically deprived neighborhoods," Dr. Chyke Doubeni told Reuters Health. What's noteworthy, he said, is that this difference "remained even after taking into account differences in dietary patterns and other person-level health risks." It also noted "This is a public health issue; we need to pay more attention to people who live in poor neighborhoods," Doubeni told Reuters Health. "We need to target public health interventions to these neighborhoods that are deprived by improving health resources and the physical environments in those areas," Doubeni concludes. This story was also carried by the Tehran times. The report was also reported by Science Daily, Newswise and Science Centric "People Living in Poorer Neighborhoods at Increased Risk for Death, Worse Health Risks", MedLindia "Death' Risk Increases By Living in Poorer Neighborhoods"

d) Youth Smoking

The July 15, 2008 edition of *The New York Times* reported on the article reporting on the findings of the paper published in the July/August 2008 issue of the *Annals of Family Medicine*. The study found that kids who see cigarettes as easily accessible are more likely to end up as regular smokers, particularly if they have friends who smoke. The *Times* article was also featured in several other news outlets. There was also coverage on the follow-on paper on the predictors of perceived accessibility by the New York Times. The *Annals of Family Medicine* Paper was also cited in a "FFY 2009 Annual Synar Reports - Youth Tobacco Sales" published by the U.S. Department of Health And Human Services' Substance Abuse and Mental Health Services Administration (SAMHSA). It was also cited in an Australian National Preventative Health Taskforce report on a review of Australia's tax system: *Australia's Future Tax System* - October 24 2008: see (http://taxreview.treasury.gov.au/content/submissions/pre_14_november_2008/Moodie_Rob.pdf)

Media outlets reported on the paper: "The Course of Symptom Development in Nicotine Dependence". For instance "Adolescents don't see addiction signs" by UPI.com - May 3, 2010. This paper was also cited in an article in the Personal Health Section of the New York Times article: "Not Starting Means Never Having to Quit" by Jane E. Brody. Published: July 19, 2010

e) Use of ACE Inhibitors

An oral presentation on "Use of ACE Inhibitors among MI patients" at the American Heart Association conference on cardiovascular disease epidemiology and prevention was featured in *Internal Medicine News* August 15, 2005.

f) Diversity Initiatives

Excerpted from Department of Family Medicine and Community Health's annual report: "**Focus on diversity:** Over the past several years, as we recruited a more diverse resident work force, a number of minority and international medical graduates experienced academic difficulties, and some were dismissed. Concerns were raised regarding their experiences, and in November, 2007 I requested a formal review from the medical school's Minority Faculty and Resident Recruitment and Retention Committee of the Council on Equal Opportunity and Diversity. They helped to construct a series of interviews and focus groups, conducted by

faculty Chyke Doubeni, MD and Linda Cragin, MS and they issued an 11-page report in March, 2008, which is included in the Appendix. It included recommendations regarding leadership commitment, orientation, feedback within a learning environment, advisors, mentors, and psychosocial support and wellbeing. ... We have shared our experiences with other departments and programs, and the institutional response has been supportive. The Equal Opportunity and Diversity Office is working to establish an office based at the Memorial campus. Chyke Doubeni has presented an overview of the situation to the hospital's residency program directors, and will be presenting it to the Dean and Chancellor later this fall."