

# **Bijal A. Balasubramanian MBBS, PhD**

## **CURRENT APPOINTMENT**

Associate Professor

Department of Epidemiology, Human Genetics, and Environmental Sciences

Interim Regional Dean, UTHHealth – School of Public Health in Dallas

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## **A. BACKGROUND**

### **1. EDUCATION**

- 1996 Bachelor of Medicine and Bachelor Surgery M.B.B.S. (M.D.)  
University of Pune, N.D.M.V.P. Samaj's Medical College, Nashik, India
- 2003 Masters of Public Health (M.P.H.) – Epidemiology  
Rutgers – School of Public Health, Piscataway, NJ, USA
- 2008 Doctor of Philosophy (Ph.D.) – Epidemiology  
Rutgers – School of Public Health, Piscataway, NJ, USA

### **2. AWARDS**

- 1996 Graduate with MBBS in the 1<sup>st</sup> class
- 2003 Research Achievement Award  
Rutgers-Robert Wood Johnson Medical School, NJ
- 2008 Delta Omega Honorary Society in Public Health
- 2008 Stuart D Cook, MD – Outstanding PhD Student Research Award  
Rutgers-School of Public Health, NJ

### **3. PROFESSIONAL EXPERIENCE**

- 2016 Interim Regional Dean, UTHHealth – School of Public Health in Dallas
- 2016 Associate Professor, Department of Epidemiology, Human Genetics, and Environmental Sciences, UTHHealth – School of Public Health in Dallas
- 2015 Director, Dual MD/MPH Program  
UTHHealth – School of Public Health in Dallas and University of Texas (UT) Southwestern Medical Center
- 2012 Adjunct Assistant Professor, Department of Clinical Sciences, UT Southwestern Medical Center
- 2010 Member, UT Southwestern - Harold C. Simmons Cancer Center
- 2010 – 2016 Assistant Professor, Department of Epidemiology, Human Genetics, and Environmental Sciences, UTHHealth – School of Public Health in Dallas
- 2009 Associate Director, NRSA Fellowship, Department of Family Medicine and

Community Health, Rutgers (formerly UMDNJ) Robert Wood Johnson Medical School, Somerset, NJ

2008 – 2010 Member, Rutgers Robert Wood Johnson Medical School - Cancer Institute of New Jersey

2005 – 2010 Assistant Professor, Department of Family Medicine and Community Health, Rutgers Robert Wood Johnson Medical School, Somerset, NJ

2000 – 2005 Research Teaching Specialist, Department of Epidemiology, Rutgers School of Public Health, Piscataway, NJ

1998 – 1999 Hospitalist, Breach Candy Hospital & Bhatia General Hospital, Mumbai, India

1996 – 1997 Intern, K.E.M. Hospital, Mumbai, India

## B. RESEARCH

### Research Interests

*To identify patient, community, provider, and system-level factors associated with optimal care quality outcomes for complex cancer survivors (patients with cancer and multiple chronic conditions)*

*To evaluate dissemination and implementation of evidence-based cancer and primary care innovations in real- world healthcare settings using mixed methods research*

### 1. PUBLICATIONS (\* indicates student co-author)

#### a. Journal articles, peer-reviewed

1. Sannoh SU, Demissie K, **Balasubramanian BA**, Rhoads GG. Risk factors for intrapair birthweight discordance. *Journal of Maternal, Fetal, and Neonatal Medicine* 2003; 13(4): 230-236. PMID 12854922.
2. Ananth CV, **Balasubramanian BA**, Demissie K, Kinzler WL. Small for gestational age births among black and white women in the United States over two decades: an age-period-cohort analysis. *Epidemiology* 2004; 15:28-35. PMID 14712144.
3. Demissie K, Rhoads GG, Smulian JC, **Balasubramanian BA**, Gandhi K, Joseph KS, Kramer MS. Operative Vaginal Delivery and Neonatal and Infant Adverse Outcomes. *British Medical Journal*. 2004; 329. PMC443446
4. Demissie K, Olalekan O, **Balasubramanian BA**, Oosinubi O, Rhoads GG. Racial Differences in the Treatment of Colorectal Cancer: A Comparison of Surgical and Radiation Therapy between Whites and Blacks. *Annals of Epidemiology* 2004; 14:215-221. PMID 15036226.
5. **Balasubramanian BA**, Gandhi SK, Demissie K, August DA, Kohler B, Oosinubi OO, Rhoads GG. Use of adjuvant systemic treatment for early breast cancer among women 65 years and older. *Cancer Control* 2007; 14: 63-68. PMID 17242672.
6. Orzano AJ, Ohman Strickland P, Tallia AF, Hudson SV, **Balasubramanian BA**, Nutting PA, Crabtree BF. Improving Outcomes for High Risk Diabetics using Information Systems. *Journal of the American Board of Family Medicine* 2007 20: 245-251. PMID 17478656.

7. **Balasubramanian BA**, Green LA, Cohen DJ, Crabtree BF, Tallia AF, Isaacson N, Etz R, Dodoo MS, Philips RL. Improving the Use of Patient Registries in US Primary Care Practices. *American Family Physician*, 2007; 76:1629.
8. **Balasubramanian BA**, Cohen DJ, Dodoo MS, Bazemore AW, Green LA. Improving Behavior Change Counseling in the Medical Home. *American Family Physician*, Nov 2007. PMID 18052011.
9. Ohman-Strickland PA, Orzano AJ, Hudson SV, Solberg LI, DiCiccio-Bloom B, O'Malley D, Tallia AF, **Balasubramanian BA**, Crabtree BF. Association of Diabetes Care Quality with the Presence of Nurse Practitioners and Physician Assistants in Family Medicine Practices. *Annals of Family Medicine*, 2008; 6:14-22. PMC2203407.
10. Hung, DY, Dickinson LM, Froshaug, D, **Balasubramanian BA**, Glasgow RE. The Chronic Care Model and Relationships to Patient Health Status and Health-Related Quality of Life. *American Journal of Preventive Medicine* 2008; 35(5S):S398–S406. PMID 18929987.
11. Cohen, DJ, Crabtree, BF, Etz, RS, **Balasubramanian BA**, Donahue, K, Leviton, LC, Clark, EC, Isaacson, NF, Stange, KC, Green, LW. Fidelity Versus Flexibility. Translating Evidence-Based Research into Practice. *American Journal of Preventive Medicine* 2008; 35(5S):S381–S389. PMID 18929985.
12. **Balasubramanian BA**, Cohen, DJ, Clark, EC, Isaacson, NF, Hung, DY, Dickinson, LM, Fernald, DH, Green, LA, Crabtree, BF. Practice-Level Approaches for Behavioral Counseling and Patient Health Behaviors. *American Journal of Preventive Medicine* 2008; 35(5S):S407–S413. PMID 18929988.
13. Fernald, DH, Forshaug, D, Dickinson, LM, **Balasubramanian BA**, Dodoo, M, Holtrop, JS, Hung, DY, Glasgow, RE, Niebauer, L, Green, L. Common Measures, Better Outcomes (COMBO): A Field Test of Brief Health Behavior Measures in Primary Care. *American Journal of Preventive Medicine*. 2008; 35(5S):S414–S422. PMID 18929989.
14. Crosson JC, Ohman-Strickland PA, Campbell S, Phillips RL, Roland M, **Balasubramanian BA**, Kontopantelis E, Bazemore A, Crabtree BF. A comparison of chronic illness care quality in US and UK family medicine practices prior to pay-for-performance initiatives. *Fam Pract*. 2009;26:510-6. PMC2791043.
15. **Balasubramanian BA**, Demissie K, Crabtree BF, et al. Racial Differences in Treatment of Early Breast Cancer among Medicaid Beneficiaries. *Breast J* 2010; 16:162-8. PMC2924618.
16. Ferrante JM, **Balasubramanian BA**, Hudson SV, Crabtree BF. Principles of the Patient Centered Medical Home and Preventive Services Delivery. *Ann Fam Med* 2010; 8:108-16. PMC2384717.
17. **Balasubramanian BA**, Chase SM, Nutting PA, Cohen DJ, Ohman Strickland P, Crosson JC, Miller WL, Crabtree BF, and the ULTRA Study Team. Using Learning Teams for Reflective Adaptation (ULTRA): Insights from a Team-Based Change Management Strategy in Primary Care. *Ann Fam Med* 2010;8:425-432. PMC2939418.
18. Cohen DJ, **Balasubramanian BA**, Isaacson NF, Clark EC, Etz RS, Crabtree BF. Coordination of Health Behavior Counseling in Primary Care. *Ann Fam Med* 2011, 9:406-415. PMC3185477.
19. Gupta S, Shah J, **Balasubramanian BA**. Strategies for reducing colorectal cancer among Blacks. *Arch Int Med* 2012 2012; 172:182-4. PMID 22271128.

20. Gupta S, **Balasubramanian BA**, Fu T, Genta RM, Rockey DC, Lash R. Polyps with advanced neoplasia are smaller in the right than in the left colon – Implications for colorectal cancer screening. *Clin Gastroenterol Hepatol* 2012; 10:1395-1401. PMC3595198.
21. **Balasubramanian BA**, Demissie K, Crabtree BF, Ohman Strickland PA, Pawlish K, Rhoads GG. Black Medicaid Beneficiaries Experience Breast Cancer Treatment Delays More Frequently Than Whites. *Ethn Dis* 2012; 22:288-94. PMID: 22870571.
22. Shuval K, Finley CE, Chartier KG, **Balasubramanian BA**, Gabriel KP, Barlow CE. Cardiorespiratory Fitness, Alcohol Intake, and Metabolic Syndrome Incidence in Men. *Medicine & Science in Sports & Exercise* 2012; 44:2125-31. PMC3475754.
23. Fernald DH, Dickinson LM, Froshaug DB, **Balasubramanian BA**, Holtrop JS, Krist AH, Glasgow RE, Green LA. Improving Multiple Health Risk Behaviors in Primary Care: Lessons from the Prescription for Health COMBO Study. *JABFM* 2012 25;701-711. PMID: 22956706.
24. Williams RL, Stange K, Phillips WR, Acheson L, **Balasubramanian BA**, Bayliss EA, Ferrer RL, Gill JM. Encouraging innovations, unintended consequences, and group-level research. *Ann Fam Med*. 2013; 11: 200-2. PMC3659133.
25. Prezio EA,\* Cheng D, **Balasubramanian BA**, Shuval K, Kendzor DE, Culica D. Community Diabetes Education (CoDE) for uninsured Mexican Americans: A randomized controlled trial of a culturally tailored diabetes education and management program led by a community health worker. *Diabetes Res Clin Pract* 2013; 100:19-28 PMID 23453178.
26. Shuval K, Chiu CY, Barlow CE, Gabriel KP, Kendzor DE, Businelle MS, Skinner CS, **Balasubramanian BA**. Family History of Chronic Disease and Meeting Public Health Guidelines for Physical Activity: The Cooper Center Longitudinal Study. *Mayo Clinic Proceedings* 2013; 88:588-92. PMID: 23726398.
27. Prezio EA,\* **Balasubramanian BA**, Shuval K, Cheng D, Kendzor DE, Culica D. Evaluation of quality improvement performance in the Community Diabetes Education (CoDE) Program for uninsured Mexican Americans: results of a randomized controlled trial. *Am J Med Qual*. 2013 PMID: 23748855
28. Krist AH, Glenn BA, Glasgow RE, **Balasubramanian BA**, Chambers DA, Fernandez ME, Heurtin- Roberts S, Kessler R, Ory MG, Phillips SM, Ritzwoller DP, Roby DH, Rodriguez HP, Sabo RT, Sheinfeld Gorin SN, Stange KC and the MOHR Study Group. Designing a Valid Randomized Pragmatic Primary Care Implementation Trial: The My Own Health Report (MOHR) Project. *Implementation Science* 2013; 8:73. PMC3694031
29. Davis MM, **Balasubramanian BA**, Waller E, Miller BF, Green LA, Cohen DJ. Integrating Behavioral and Physical Health Care in the Real World. Early Lessons from Advancing Care Together. *J Am Board Fam Med* 2013; 26:588-602 PMID: 24004711
30. Gupta S, Sun H, Yi S, Storm J, Xiao G, **Balasubramanian BA**, Zhang S, Ashfaq R, Rockey D. Molecular markers of carcinogenesis for risk stratification of individuals with colorectal polyps: a case-control study. *Cancer Prev Res* 2014, 7:1023-34. PMID: 25092825
31. Cook A\*, Reingle J, **Balasubramanian BA**. The Impact of Socio-Economic Status and Neighborhood Characteristics on the Incidence, Severity, and Outcome of Traumatic Injury in

Dallas County, Texas. *Injury Epidemiology* 2014, 1:23.

32. Poonawalla IB\*, Goyal S, Mehrotra N, Allicock M, **Balasubramanian BA**. Attitudes of South Asian Women to Breast Health and Breast Cancer Screening: Findings from a Community-based Sample in the United States. *Asian Pac J Cancer Prev* 2014, 15: 8719-24. PMID: 25374197
33. Krist AH, Phillips SM, Sabo RT, **Balasubramanian BA**, Heurtin-Roberts S, Ory MG, Johnson SB, Sheinfeld-Gorin SN, Estabrooks PA, Ritzwoller DP, Glasgow RE; MOHR Study Group. Adoption, reach, implementation, and maintenance of a behavioral and mental health assessment in primary care. *Ann Fam Med*. 2014, 12:525-33. PMID: 25384814
34. Kendzor DE, Finley CE, Barlow CE, Hillert TA, Businelle MS, **Balasubramanian BA**, Radford NB, Shuval K. The association of fitness with reduced cardiometabolic risk among smokers. *American Journal of Preventive Medicine*. 2015, 48:561-9. PMID: 25891055
35. **Balasubramanian BA**, Cohen DJ, Davis MM, Gunn R, Dickinson LM, Miller WL, Crabtree BF, Stange KC. Learning Evaluation: Blending Quality Improvement and Implementation Research Methods to Study Healthcare Innovations. *Implementation Science* 2015, 10:31. PMID: 25889831
36. Barlow CE, Shuval K, **Balasubramanian BA**, Kendzor DE, Pettee Gabriel KP. Sitting Time, Physical Activity and Cardiorespiratory Fitness: CCLS Cohort. *Journal of Physical Activity and Health*. 2016 Jan. 13(1):17-23. PMID: 25831550.
37. Davis MM, **Balasubramanian BA**, Cifuentes M, Hall J, Gunn R, Fernald D, Gilchrist E, Miller BF, DeGruy III FV, Cohen DJ. Clinician Staffing, Scheduling, and Engagement Strategies among Primary Care Practices Delivering Integrated Care. *Journal of the American Board of Family Medicine*. 2015; 28: S32–S40. PMID: 26359470
38. Cohen DJ, **Balasubramanian BA**, Davis MM, Hall J, Gunn R, Stange KC, Green LA, Miller WL, Crabtree BF, England MJ, Clark K, Miller BF. Understanding Care Integration from the Ground Up: Five Organizing Constructs that Shape Integrated Practices. . *Journal of the American Board of Family Medicine*. 2015; 28: S7–S20. PMID: 26359474
39. **Balasubramanian BA**, Fernald D, Dickinson LM, Davis MM, Gunn R, Crabtree BF, Miller BF, Cohen DJ. REACH of Interventions Integrating Primary Care and Behavioral Health. *Journal of the American Board of Family Medicine*. 2015; 28: S73–S85. PMID: 26359475.
40. Cohen DJ, Davis MM, **Balasubramanian BA**, Gunn R, Hall J, DeGruy III FV, Peek CJ, Green LA, Stange KC, Pallares C, Levy S, Pollack D, Miller BF. The Dance of Collaboration: Consulting, Coordinating, and Collaborating. *J Am Board Fam Med* 2015; 28: S21–S31. PMID: 26359469
41. Froehlich-Grobe K, Jones D, Businelle MS, Kendzor DE, **and Balasubramanian BA**. Impact of disability and chronic conditions on health. *Disability and Health Journal*. 2016 May 3. Pii:S1936-6574(16)30046-2. PMID: 27216441
42. Cohen DJ, **Balasubramanian BA**, Gordon L, Marino M, Ono S, Solberg LI, Crabtree BF, Stange KC, Davis M, Miller WL, Damschroder LJ, McConnell J, Creswell J. A national evaluation of a dissemination and implementation initiative to enhance primary care practice capacity and improve cardiovascular disease care: the ESCALATES study protocol. *Implementation Science*. 2016 June 29. 11(1):86. PMID: 27358078
43. Krist AH, Glasgow RE, Heurtin-Roberts S, Sabo RT, Roby DH, Gorin SNS, **Balasubramanian**

- BA**, Estabrooks PA, Ory MG, Glenn BA, Phillips SM, Kessler R, Johnson SB, Rohweder CL, Fernandez, ME; MOHR Study Group. The impact of behavioral and mental health risk assessments on goal setting in primary care. *Translational Behavioral Medicine* 2016 June; 6(2): 212-9. PMID: 27356991
44. Halm EA, Beaber EF, McLerran D, Chubak J, Corley DA, Rutter CM, Doubeni, CA, Haas JS, **and Balasubramanian BA**. Association between primary care visits on colorectal cancer screening outcomes in the era of population health outreach. *Journal of General Internal Medicine*. 2016 October; 31(10): 1190-7. PMID: 5023609
45. Lee SJ, Clark MA, Cox JV, Needles BM, Seigel C, **and Balasubramanian BA**. Achieving Coordinated Care for Patients With Complex Cases of Cancer: A Multi-team System Approach. *Journal of Oncology Practice*. 2016 November; 12(11): 1029-1038. PMID: 27577621
46. Gupta S, Berry E, Miller S, Koch M, Berry E, Anderson P, Pruitt SL, Borton E, Hughes AE, Carter E, Hernandez S, Pozos H, Halm EA, Gneezy A, Lieberman AJ, Skinner CS, Argenbright K, **and Balasubramanian BA**. Financial incentives for promoting colorectal cancer screening: a randomized, comparative effectiveness trial. *American Journal of Gastroenterology*. 2016 November; 111(11): 1630-1636. PMID: 27481306
47. Barlow CE\*, Shuval K, **Balasubramanian BA**, Kendzor D, Radford NB, DeFina L, Gabriel KP. Association Between Sitting Time and Cardiometabolic Risk Factors after Adjustment for Cardiorespiratory Fitness, Cooper Center Longitudinal Study, 2012-2013. *Preventing Chronic Disease*. 2016 December; 13E181. PMID: 5201150
48. Martin J, Halm EA, Tiro JA, Merchant Z, **Balasubramanian BA**, McCallister K, Sanders JM, Ahn C, Bishop WP, Singal AG, Reasons for Lack of Diagnostic Colonoscopy after Positive Fetal Immunochemical Test in a Safety-Net Health System. *American Journal of Medicine*. 2017 January; 130(1): 93.e1-93.e7. PMID: 5164844
49. Murphy CC, Tiro JA, Jean GW, **Balasubramanian BA**, Alvarez CA. High initiation of adjuvant hormonal therapy among uninsured stages I-III breast cancer patients treated in a safety-net healthcare system. *Journal of Women's Health*. 2017 March [Epub ahead of print]. PMID: 28296574
50. **Balasubramanian BA**, Cohen DJ, Jetelina KK, Dickinson LM, Davis M, Gunn R, Gowen K, deGruy FV, Miller BF, Green LA. Primary care and behavioral health integration in community practices. *Journal of the American Board of Family Medicine*, 2017;30:130-139
51. **Balasubramanian BA**, Heurtin-Roberts S, Krasny S, Rohweder C, Fair K, Olmos T, Stange KC, Gorin SS. Contextual Factors Related to Implementation and Reach of a Pragmatic Multisite Trial- The My Own Health Report (MOHR) Study. *Journal of the American Board of Family Medicine*, 2017 in press.
52. **Balasubramanian BA**, Garcia MP, Corley DA, Doubei CA, Haas JS, Kamineni A, Quinn VP, Wernli K, Zheng Y, Skinner CS. Racial/ethnic differences in obesity and comorbidities between safety-net and non-safety-net integrated health systems. *Medicine*, 2017 Mar; 96(11): e6326. PMID: 28296752

## **b. Submitted Manuscripts**

1. Craddock Lee SJ, Inrig SJ, **Balasubramanian BA**, Skinner SC, Higashi RT, McCallister K, Bishop WP, Santini NO, Tiro JA. Qualitative methods identify opportunities for improving colorectal cancer screening completion. Submitted to Health Services Research

## **c. Book Chapters**

Demissie K, Chung KC, **Balasubramanian BA**. Perinatal Determinants of Atopic Disease. In: *Frontiers in Nutrition Science. Fetal Nutrition and Adult Disease: Programming of Chronic Disease through Fetal Exposure to Undernutrition*. Ed: S. C. Langley-Evans. Oxford University Press, 2004; pp. 259-309

## **d. Abstracts and presentations, peer reviewed (includes only lead author/presenter)**

1. **Balasubramanian BA**, Demissie K, Rhoads GG. Role of Case-Control Studies in Evaluating Early Treatment Interventions in Breast Cancer. *Presented at the 2002 Annual Retreat on Cancer Research in New Jersey. Cancer Institute of New Jersey. Princeton, NJ. April 24, 2002.*
2. **Balasubramanian BA**, Sannoh S, Demissie K, Rhoads GG. Risk Factors for Intrapair Birthweight Discordance. *Presented at the 5<sup>th</sup> Annual UMDNJ Research Day. Oct 23, 2003.*
3. **Balasubramanian BA**, Demissie K, Gandhi K, Smulian J, Joseph KS, Rhoads GG, Kramer MS. Operative Vaginal Delivery and Neonatal and Infant Adverse Outcomes. *Presented at the 5<sup>th</sup> Annual UMDNJ Research Day. Oct 23, 2003.*
4. **Balasubramanian BA**, Tallia AF, Scott JG, Ohman Strickland P, Miller WF, Crabtree BF. Multimorbidity in Diabetic Patients and Adherence to Screening Guidelines in Primary Care. *Presented at the 2006 Annual NAPCRG meeting, Tucson, AZ, Oct 15-18, 2006.*
5. **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. *Presented at the 2007 Annual NAPCRG meeting, Vancouver, BC, Oct 20-23, 2007.*
6. **Balasubramanian BA**, Demissie K, Crabtree BF, Ohman-Strickland PA, Kohler B, Rhoads GG. Racial Differences in Treatment of Early Breast Cancer among Medicaid Beneficiaries. *Presented at the 2008 Annual Retreat on Cancer Research in New Jersey, Piscataway, NJ, May 28, 2008.*
7. **Balasubramanian BA**, Demissie K, Crabtree BF, Ohman-Strickland PA, Kohler B, Rhoads GG. Racial Differences in Delays in Treatment of Early Breast Cancer among Medicaid Beneficiaries. *Presented at the 2008 Annual Retreat on Cancer Research in New Jersey, Piscataway, NJ, May 28, 2008.*
8. **Balasubramanian BA**, Piasecki A, Nutting PA, Miller WL, Crabtree BF. Relationship-Centered Culture associated with Patient Satisfaction in Primary Care Practices. *Presented at the 2012 Annual NAPCRG meeting, New Orleans, LA, Dec 1-5 2012.*
9. **Balasubramanian BA**, Cohen DJ, Davis MM, Gunn R, Fernald D, Dickinson M, Stange K. An Innovative Method for Evaluating Short Cycles of Incremental Change in Real-World Clinics. *Presented at the 2013 Annual NAPCRG meeting, Ottawa, Ontario, Canada, Nov 9-13 2013.*
10. **Balasubramanian BA**. Cancer and Non-Cancer Follow-Up Care Among Vulnerable Colorectal

Cancer Survivors with Multi-Morbidities. *Presented at the 2014 Annual ASPO meeting, Arlington, VA, March 8-11 2014.*

11. **Balasubramanian BA**, Krasny S, Rohweder C, Fair K, Olmos T, Hayes M, Heurtin-Roberts S, Gorin SS, Stange K. Contextual Factors in Implementation of an Automated Health Risk Assessment Tool in Primary Care: The My Own Health Reports (MOHR) Study. *Presented at the 2014 Annual NAPCRG meeting, NYC, NY, Nov 21-25 2014.*
12. **Balasubramanian BA**, Kassarian K, Gunn R, Cohen DJ. Patient Perceptions of Relational Empathy With Primary Care and Behavioral Health Providers: Association With Patient Reported Care Coordination and Experience of Care. *Presented at the 2015 Annual NAPCRG meeting, Cancun, Mexico, Oct 24-28, 2015.*
13. **Balasubramanian BA**, Kassarian K, Cohen DJ, Fernald D, Davis MM, Dickinson LM, Cifuentes M, Green LA, Gunn R, Miller BM. Effect of Integrated Care Interventions Implemented in Real World Clinics on Patient Outcomes. *Presented at the 2015 Annual NAPCRG meeting, Cancun, Mexico, Oct 24-28, 2015.*

## **C. INVITED LECTURES AND PRESENTATIONS**

1. Developing measures for primary care organizational capacity and culture. Colloquium at McCombs School of Business, University of Texas Austin, Austin, TX, March 2011.
2. Developing measures for primary care organizational capacity and culture. Colloquium at Department of Family Medicine and Community Health, Rutgers Robert Wood Johnson Medical School, Somerset, NJ, June 2013.
3. Integrating primary care and behavioral health care in real world primary care practices - Advancing Care Together. University of Colorado-Denver, Colorado Springs, CO, September 2014
4. Adaptive Trial Design and Learning Evaluation: Methods for PCOR and Quality Improvement Assessment. Agency for Healthcare Research and Quality PBRN Resource Center Methods Webinar. August 18, 2015.
5. Evaluating System Change and Taking Evidence to Scale (ESCALATES). Division of Outcomes and Health Services Research, Department of General Internal Medicine, UT Southwestern Medical Center, Dallas, TX, Sep 21, 2015.
6. Family Medicine Grand Rounds, Department of Family Medicine, The University of Texas Health Science Center at San Antonio, TX, March 22, 2017

## **D. GRANTS AND CONTRACTS**

### **1. Active grants: Principal Investigator or Co-Principal Investigator**

1. NCI R01-CA203856-01, "Care Coordination for Complex Cancer Survivors in an Integrated Safety-Net System," Co-PI, 20% effort, \$3,125,590 total costs, 2016-2021.
2. AHRQ 1R01HS023940-01, "Evaluating System Change to Advance Learning and Take Evidence to Scale (ESCALATES)," Subcontract PI, 50% effort, \$395,700 subcontract direct costs; \$13,489,926 total project costs. PI: Cohen, Oregon Health & Science University, 2015-2019.



3. University of Texas – School of Public Health, Front of the Envelope Award, “Systems Science Methodology to Study Complex Cancer Survivorship Care,” PI, 2% effort, \$25,000 direct costs, 2015-2016.
4. NCI 1U54CA163308-01, “Parkland-UT Southwestern PROSPR Center: Colon Cancer Screening in a Safety Net,” Subcontract PI, 10% effort, \$88,836 subcontract direct costs, \$ 6,300,000 total project costs. 2011-2016, PI: Skinner and Halm, UT Southwestern Medical Center.
5. NCI 3U54CA163308-04S1, “Parkland-UT Southwestern PROSPR Center: Cervical Cancer Screening in a Safety Net,” Subcontract PI, 10% effort, \$24,720 subcontract direct costs, 2014-2016, \$ 1,298,479 total project costs. PI: Tiro and Skinner, UT Southwestern Medical Center.
6. NIMH 1R34MH10037101, “Turnings EHRs into Assets for Mental Health and Uniting Practice (Team Up),” Subcontract PI, 5/15/15% effort, \$78,246 subcontract direct costs, \$ 700,751 total project costs. 2013-2016, PI: Cohen, Oregon Health & Science University.

## **2. Active grants: Co-investigator**

### **3. Active grants: Mentor**

1. NIH, “Behavioral Science Education – Cancer Prevention and Control,” Mentor, 5% effort, \$2,687,802, PI: Mullen.

### **4. Completed grants: Principal Investigator or Co-Principal Investigator**

1. CPRIT PP120229, “Evidence-based Colorectal Cancer Screening for the Uninsured,” Subcontract PI, 14% effort, \$45,493 direct costs, 2012-2015, PI: Argenbright, UT Southwestern Medical Center.
2. The Colorado Health Foundation 3848, “Advancing Care Together: Creating Systems of Care for the Whole Person,” Subcontract PI, 20% effort, \$83,220 direct costs, 2011-2015, PI: Cohen, Oregon Health & Science University.
3. American Cancer Society/Simmons Cancer Center, “Quality of Cancer and Non-Cancer Care among Colorectal Cancer Survivors in a Safety-Net System,” PI, 10% effort, \$30,000 direct costs, 2012-2013.
4. NCI 1R01CA16352601-Supplement, “A Pragmatic Trial to Implement Meaningful use of Patient-Centered Data to Improve Outcomes in Primary Care,” Co-PI, 10% effort, \$55,058 direct costs, 2012-2013.
5. NIH 2UL1RR000451-06, “UT Southwestern Clinical and Translational Alliance for Research (UT STAR),” Subcontract PI, 10% effort, \$11,487 direct costs, 2012-2013, PI: Toto, UT Southwestern Medical Center.

### **5. Completed grants: Co-Investigator**

1. CDC SIP09-002, “Cancer Prevention and Control Research Network (CPCRN) – Network Collaborating Centers,” Co-I, 2% effort, \$1,460,938 total costs, 2009-2015, PI: Fernandez.
2. NHLBI 1R21HL092046-01A2, “Cardiovascular Disease Care and EMR use in Community-based Primary Care Practices,” Co-investigator, 7% effort, \$275,000 direct costs, 2009-2011, PI: Cohen, UMDNJ Robert Wood Johnson Medical School, NJ.

3. Robert Wood Johnson Foundation Project ID 65242, "Enhancing the Theory and Practice of Continuous Quality Improvement (CQI) Through a Better Understanding of Organizational Capacities," co-investigator, 5% effort, \$176,709, 2008-2011, PI: Cohen, UMDNJ Robert Wood Johnson Medical School, NJ.
4. HRSA D54HP05265, "National Research Service Award - Academic Administrative Units in Primary Care (also known as the Title VII)," co-investigator, 5% effort, \$811,467 direct costs, 2008-2011, PI: Tallia, UMDNJ Robert Wood Johnson Medical School, NJ.
5. American Cancer Society, "Factors of Racially Disparate Breast Cancer," Co-investigator, 10% effort, \$562,931 direct costs, 2007-2011, PI: Demissie, UMDNJ-School of Public Health.
6. Susan G. Komen Foundation POP131006, "Non-clinical Factors in Disparate Treatment for Early Breast Cancer among Black and White Patients,' Co-investigator, 10% effort, \$50,000 direct costs, 2006-2009, PI: Demissie, UMDNJ-School of Public Health.
7. NCI R01 CA112387-01, "Enhancing Colorectal Cancer Screening through Learning Teams," Co-investigator, 10% effort, \$1,844,869 direct costs, 2005-2011, PI: Crabtree, UMDNJ-Robert Wood Johnson Medical School, NJ.
8. Robert Wood Johnson Foundation Project ID 47075. "Prescription for Health Round 2: Analysis, Synthesis, and Dissemination," 10% effort, 2004-2009, PI: Cohen, UMDNJ-Robert Wood Johnson Medical School, NJ.
9. NHLBI R01 HL70800-01, "Trial to Enhance Adherence to Multiple Guidelines," Co-investigator, 20% effort, \$2,051,574 direct costs, 2002-2008, PI: Crabtree, UMDNJ-Robert Wood Johnson Medical School, NJ.
10. Cancer Institute of New Jersey, "Non Clinical Factors in Disparate Treatment for Early Breast Cancer among Black and White Medicaid Patients," 50% effort, \$50,000, 2004-2005, PI: Demissie, UMDNJ-School of Public Health.
11. American Lung Association of New Jersey, "Gene Expression as an Approach to Identifying Asbestos-Related Lung Cancer," 50% effort, \$50,000, 2002-2005, PI: Demissie, UMDNJ-School of Public Health, NJ.

## **6. Grants submitted (pending or not funded)**

1. NIMHD 1R01MD010249-01, "Team-based care coordination for complex cancer survivors in a safety-net system," Co-PI, 25% effort, \$2,910,087 total costs, 2015-2020.
2. NCI R21, "Bayesian Methods to Advance Multilevel Cancer Screening Research and Reduce Disparities," Subcontract PI, 10% effort, \$33,298 total costs, PI: Pruitt, UT Southwestern Medical Center, 2015-2017.
3. PCORI R-D2C-1310-08538, "A comparative effectiveness trial of care coordination strategies for complex cancer survivors in an integrated safety-net system," PI, 20% effort, \$1,781,698.66 total costs, 2014-2017.
4. NCI 1P01CA183707-01, "Tobacco TIPS – Translation into Practice Systems," Subcontract Co-I, 5% effort, \$12,399,279 total costs, PI: Wetter, M.D. Andersen Cancer Center, 2014-2019.
5. NCI 1R01CA184284-01, "Evaluation of an e-driven cancer survivor care plan in a safety-net

system," Subcontract PI, 20% effort, \$2,146,456 direct costs, PI: Skinner, UT Southwestern Medical Center, 2014-2019.

6. NCI 1R01CA168500-01, "Social Disadvantage and Clinic Factors Impact on Cervical Cancer Care Process," Subcontract PI, 10% effort, \$ 1,249,109 direct costs, PI: Tiro, UT Southwestern Medical Center, 2012-2017.
7. AHRQ 1R01HS020634-01, "COPE – Comparing Outcomes of Primary Care/Mental Health Integration: Evaluating ACT," Subcontract PI, 30% effort, \$1,775,290 total costs, PI: Cohen, Oregon Health & Science University, 2011-2014.
8. AHRQ 1R01HS021490-01A1, "The Organizational Context of Primary Care: Effect on Practice & Patient Outcomes," PI, 25% effort, \$695,398 total costs, 2013-2016.

## E. TEACHING

### 1. COURSES AT UTHealth – SCHOOL OF PUBLIC HEALTH

*Teaching effectiveness is rated on a 5 point scale with 1=very poor and 5=very good*

Semester	Course Name (Credit Hours)	Role (% Effort)	No. of students	Teaching effectiveness
Spring 2017	Applied Data Analysis (2)	Co-Lead (50%)	10	
Spring 2017	Public Health and Medicine Journal Club (1)	Lead (100%)	10	
Spring 2017	Epidemiology Seminar (1)	Lead (100%)	8	
Spring 2017	Fundamentals of Epidemiology (3)	Lead (100%)	40	
Spring 2016	Epidemiology Seminar (1)	Lead (100%)	5	5.0
Spring 2016	Fundamentals of Epidemiology (3)	Lead (100%)	38	4.3
Fall 2015	PhD Epidemiology Journal Club (1)	Co-lead (50%)	6	5.0
Fall 2015	Public Health in Medicine Seminar (1)	Lead (100%)	19	4.75
Spring 2015	Fundamentals of Epidemiology (3)	Lead (100%)	41	4.2
Spring 2014	Fundamentals of Epidemiology (3)	Lead (100%)	16	4.3
Fall 2013	Fundamentals of Epidemiology (3)	Lead (100%)	13	4.6
Spring 2013	Fundamentals of Epidemiology (3)	Lead (100%)	10	4.0
Spring 2012	Fundamentals of Epidemiology (3)	Lead (100%)	29	4.2
Spring 2011	Fundamentals of Epidemiology (3)	Lead (100%)	26	4.3

### 2. ADVISING AT UTHealth – SCHOOL OF PUBLIC HEALTH

#### a. Doctoral Students

Student	Role	Year	Status
Elizabeth Prezio	Dissertation Chair	2013	Graduated
Briana Lawrence	Committee Member	2014	Graduated
Liyue Tong	Committee Member	2014	Graduated
Shirley Bluethmann	Committee Member	2014	Graduated
Beth Wright	Committee Member	2015	Graduated
Insiya Poonawalla	Committee Member	2015	Graduated

Tiffany Kindratt	Academic Advisor	Current	Taking courses
Brad Walsh	Academic Advisor	Current	Candidacy
John Umejigo	Academic Advisor	Current	Taking courses
Danielle Sass	Academic Advisor	Current	Taking courses
Madeline Hommel	Academic Advisor	Current	Taking courses
Arianne Rhea	Academic Advisor	Current	Taking courses

**b. Masters Students (MPH, MS, and MD/MPH)**

*Academic advisor and/or thesis advisor*

<b>Student</b>	<b>Year</b>	<b>Status</b>
Nasartun Nayeem	2012	Graduated
Ankita Vora	2013	Graduated
Matthew Cvitanovich	2013	Graduated
Deepack Donthi	2013	Graduated
Deandrea Hendricks	2013	Graduated
Madeline Hommel	2013	Graduated
Elizabeth Kumar	2013	Graduated
Ashley Negaard	2013	Graduated
Tayyaba Siddiqui	2013	Graduated
Lauren Weil	2013	Graduated
Antonieta Rueda	2014	Graduated
Ruba Sarris	2014	Graduated
Munnaza Waqar	2014	Graduated
Ramotalai Bakare	2013	
Alan Cook (MS)	2013	
Robert Connally	2014	
Antonio Lopez	2014	
Dania Malk	2014	
Thomas Schaeffer	2014	
Sachin Tadphale	2014	
Vincent Zimmern	2014	
Regan Allen	2015	
Niravkumar Barot	2015	
Mai Bedair	2015	
Mishi Bhushan	2015	
Hongjing Cao	2015	
Camille Hebert	2015	
Tiffany Kindratt	2015	
Leigh Logsdon	2015	
Hali Nguyen	2015	
Anitta Philip	2015	
Sarah Philip	2015	
Jean-Claire Powe	2015	

David Valadez	2015	
Ahmad Bedair	2015	
Hali Nguyen	2015	
Marjan Cobbaert	2016	

### c. Rutgers Students

#### *Research Supervisor Rutgers School of Public Health*

<b>Student</b>	<b>Degree</b>	<b>Year</b>	<b>Status</b>
Sunitha Palanghat Otayoth	MPH	2004	Graduated: <i>Trends &amp; Determinants in the Prevalence of Childhood Asthma in the U.S. from 1997- 2002 among Blacks and Whites</i>
Roshni Patel	MPH	2005	Graduated: <i>Cancer Incidence among Asian Indian Migrants in the United States, 1988-2001</i>
Sampada Mainkar	MPH	2005	Graduated: <i>Asthma Readmission Rates among Medicaid Recipients</i>
Heather O'Kelley	MPH	2005	Graduated: <i>Trends in Childhood Asthma: Ambulatory Care, Hospitalization, and Anti-Asthma Medication</i>
Jaime Madingano	MPH	2005	Graduated: <i>Trends and Determinants in Low Birthweight Morbidity among Blacks and Whites in the United States and New Jersey from 1989 to 2002</i>
Meghan McBreen	MPH	2006	Graduated: <i>Efficacy Of Radical Prostatectomy In Preventing Death From Prostate Cancer – A Case-Control Study</i>
Bharvi Balar	MPH	2007	Graduated: <i>Efficacy Of Radical Prostatectomy In Preventing Death From Prostate Cancer – A Case-Control Study</i>
Lorraine Lacroix	MPH	2009	Graduated: <i>The Association between Provider-Patient Race Concordance and Cancer Screening</i>
Kristy Lento	MPH	2009	Graduated: <i>Characteristics of Triple Negative Breast Cancer</i>

## F. SERVICE

### 1. SERVICE TO THE INSTITUTION

#### a. Leadership Roles at UTHHealth - School of Public Health

Interim Regional Dean – UTHHealth – School of Public Health in Dallas

#### b. Educational programs at UT School of Public Health

Faculty Coordinator/Director, MD/MPH Dual Program with UT Southwestern (2015-present)

#### c. Committees at the UT School of Public Health

1. Member, Faculty Council, UTHHealth – School of Public Health in Dallas Representative (2012)

2. Member, Technology Committee, UTHealth – School of Public Health in Dallas Representative (2013)
3. Member, Epidemiology Preliminary Examination Committee (2014-2015)
4. Member, Epidemiology Curriculum Committee (2014-2015)
5. Member, School-wide Curriculum Committee, MD/MPH program representative (2014-2015)

**d. Faculty Searches at the UT School of Public Health**

1. Member, search committee for Epidemiology faculty (2011)
2. Member, search committee for UTHealth – School of Public Health in Dallas Campus faculty (2014)
3. Member, search committee for Epidemiology and Health Promotion/Behavioral Sciences faculty for UTHealth –School of Public Health in Brownsville Campus (2015)
4. Member, search committee for UTHealth – School of Public Health in Dallas Campus Dean (2016)

**2. SERVICE TO THE PROFESSION**

**a. Memberships**

Maharashtra Medical Council, India  
 American Public Health Association  
 North American Primary Care Research Group  
 Society of Epidemiologic Research  
 Academy Health

**b. Editorial Service**

Associate Editor – Annals of Family Medicine, 2013 - present

**c. Reviewer Service**

Reviewer for Scientific Journals  
 Annals of Family Medicine  
 Journal of Epidemiology and Community Health  
 Annals of Epidemiology  
 Cancer  
 Archives of Internal Medicine  
 Journal of General Internal Medicine  
 Ethnicity & Disease

Reviewer for meetings

North American Primary Care Research Group

**d. Service on National Committees**

1. Chair of Measuring Context Workgroup – NCI funded My Own Health Report Study
2. Chair of Trans-network Process Measures Workgroup – NCI funded U52 PROSPR study

### **3. EXTERNAL SERVICE**

#### **a. Grant review panels, local**

UT Southwestern Community Based Research Pilot Grants (2014)  
UT School of Public Health Innovation Front of the Envelope Awards (2015)

#### **b. Grant review panels, national**

Patient Centered Outcomes Research Institute (2012)

### **4. SERVICE TO PUBLIC HEALTH**

Member, South Asian Total Health Initiative (SATHI) (2009)

### **5. MEDIA SPOKESPERSON & LEGISLATIVE TESTIMONY**

1. "Even With Insurance, Racial Disparities in Breast Cancer Treatment Persist." – Published in Health Behavior News Service, July 26 2012
2. "Who Is Caring for Cancer Survivors: Oncologists or PCPs?" - Published in Medscape Medical News, Jan 18 2016,  
[http://www.medscape.com/viewarticle/857401?src=wnl\\_mdplsnews\\_160122\\_mscpedlit\\_wir&uac=30726AK&impID=965320&faf=1](http://www.medscape.com/viewarticle/857401?src=wnl_mdplsnews_160122_mscpedlit_wir&uac=30726AK&impID=965320&faf=1)
3. "Mental Health, Primary Care Integration Cuts Depression Scores." – Published in HealthIT Analytics News, Mar 15, 2017, <http://healthitanalytics.com/news/mental-health-primary-care-integration-cuts-depression-scores>

### **6. MISCELLANEOUS**

1. Nominated for 2017 UTHealth President's Award for Leadership