



TENNESSEE STATE UNIVERSITY

College of Health Sciences
330 10th Avenue North, Suite D400
Nashville, TN 37209-1561

Phone: (615) 963-7367 • Fax: (615) 963-7011

*Public Health, Health Administration
and Health Sciences*

Faculty Bio

Contact Information

Last Name	Patel	First Name	Kushal		
Email	Kpatel1@tnstate.edu	Phone	615-963-7093	Office Location	411
Website: (External Blog) Http://					
Position	Associate Professor				

Education

College: Catholic University Address: _____

From: **1989** To: **1991** Degree: _____

College: Temple University Address: _____

From: **1991** To: **1993** Degree: **B.A.**

College: _____ Address: _____

From: **1994** To: **1997** Degree: **M.A.**

College: Vanderbilt University Address: _____

From: **1997** To: **2004** Degree: **PH.D.**

Courses Taught

Course: Understanding Health Disparities

Course: Race, Ethnicity, Gender, and Health Care

Course: _____

Course: Program Development and Evaluation

Course: Critical Issues in Health Care

Course: Public Health Ethics

Course: Health Promotion and Disease Prevention

Course:	Introduction to Health Care Organizations
Course:	Introduction to Health Care Organizations Lab
Course:	Psychometrics
Course:	Theories of Personality

Primary Area of Expertise

**Cancer and Diabetes Control
and Prevention**

Publications

Patel KA, Schlundt D. Impact of moods and social context on eating behavior. <i>Appetite</i> 2001;36:111-118.
Patel KA, Gray J. Judgment accuracy in body preferences among African Americans. <i>Sex Roles</i> 2001;44:227-235.
Patel KA, Schlundt D. Million Behavioral Health Inventory. Pro.Ed -- In D. Keyers, Medical Reference Series, Test Critiques: Austin, Texas, 2005, Volume XI: 187-191.
Ritterband LM, Cox DC, Walker L, Kovatchev B, McKnight L, Patel KA, Borowitz SM, Sutphen J. An Internet intervention as adjunctive therapy for pediatric encopresis. <i>Journal of Consulting and Clinical Psychology</i> 2006;71:910-917.
Cox DJ, Gonder-Frederick L, Ritterband LM, Patel KA, Schachinger H, Fehm-Wofsdorf G, Hermanns N, Snoek F, Zrebiec J, Polonsky W, Schlundt D, Kovatchev B, Clarke WJ. Blood Glucose Awareness Training (BGAT): What is it, where is it, and where is it going? <i>Diabetes Spectrum</i> 2006;19:43-49.
Larson C, Schlundt D, Patel K, McClellan L, Hargreaves M. Disparities in perceptions of healthcare access in a community sample. <i>The Journal of Ambulatory Care Management</i> 2007;30:142-149.
Cui Y, Peterson N, Hargreaves M, Wen W, Patel K, Drake J, Munro HM, Signorello LB, Blot WJ. Mammography use in the Southern Community Cohort Study (United States). <i>Journal of Health Care for the Poor and Underserved</i> 2007;18:102-11.
Franklin M, Schlundt D, McClellan L, Kinebrew T, Sheats J, Belue R, Brown A, Smikes D, Patel K, Hargreaves M. Religious fatalism and its association with health behaviors and outcomes. <i>American Journal of Health Behaviors</i> 2007;31:563-572.
Schlundt DG, Franklin MD, Patel K, McClellan L, Larson C, Niebler S, Hargreaves M. Religious affiliation and health behaviors and outcomes: Data from the Nashville REACH 2010 Project. <i>American Journal of Health Behaviors</i> 2008;32:714-724.
Larson C, Schlundt D, Patel K, McClellan L, Hargreaves M. Validity of the SF-12 for use in a low income African American community based research initiative (REACH 2010). <i>Prev Chronic Dis</i> 2008;5.
Larson C, Schlundt D, Patel K, Wang H, Beard K, Hargreaves M. Trends in Smoking among African-Americans: A Description of Nashville's REACH 2010 initiative. <i>J Community Health</i> 2009;34(4):311-320.
Patel K, Larson C, Schlundt D, Wang H, Brown A, Hargreaves M. Chronic illnesses and smoking cessation. <i>Nicotine and Tobacco Research</i> 2009;11:933-939.
Larson C, Schlundt D, Patel K, Goldzweig I, Hargreaves M. Community participation in health initiatives for marginalized populations. <i>The Journal of Ambulatory Care Management</i> 2009;32(4):264-270.

Patel K, Kenerson D, Wang H, Byron B, Pinkerton H, Burress M, Cooper L, Canto M, Ukoli F, Hargreaves M. Factors influencing prostate cancer screening in low-income African Americans in Tennessee. <i>Journal of Health Care for the Poor and Underserved</i> 2010;21(1):114-126.
Patel K, Larson C, Hargreaves M, Schlundt D, Jones C, Beard K. Community screening outcomes for diabetes, hypertension, and cholesterol: Nashville REACH 2010 project. <i>The Journal of Ambulatory Care Management</i> 2010;33(2):155-162.
Osborn CY, Trott HW, Buchowski MS, Patel K, Kirby LD, Hargreaves MK, Blot WJ, Cohen SS, Schlundt DG. Racial disparities in treatment of depression in low income patients with diabetes. <i>Diabetes Care</i> 2010;33:1050-1054.
Patel K, Hargreaves M, Liu J, Schlundt D, Sanderson M, Matthews C, Dewey C, Kenerson D, Buchowski M, Blot W. Relationship between smoking and obesity among women. <i>American Journal of Health Behavior</i> 2011;35(5):627-636.
Osborn CY, Patel K, Liu J, Trott HW, Buchowski MS, Hargreaves MK, Blot WJ, Cohen SS, Schlundt DG. Diabetes and co-morbid depression among racially diverse, low-income adults. <i>Annals of Behavioral Medicine</i> 2011;41:300-309.
Patel K, Hargreaves M, Liu J, Kenerson D, Neal R, Takizala Z, Beard K, Pinkerton H, Burress M, Blot B. Factors influencing colorectal cancer screening in low-income African Americans in Tennessee. <i>J Community Health</i> 2012;37:673-679.
Braun KL, Nguyen TT, Tanjasiri SP, Campbell J, Heiney SP, Brandt HM, Smith SA, Blumenthal DS, Hargreaves M, Coe K, Ma GX, Kenerson D, Patel K, Tsark JA, Herbert JR. Operationalization of community-based participatory research principles across NCI's Community Networks Programs. <i>AJPH</i> 2012;102(6):1195-203.
Patel K, Ukoli F, Liu J, Beech D, Beard K, Brown B, Sanderson M, Kenerson D, Cooper L, Canto M, Hargreaves M. A community driven intervention for prostate cancer screening in African Americans. <i>Health Education and Behavior</i> 2013;40:11-18.
Ukoli F, Patel K, Hargreaves M, Beard K, Moton PJ, Bragg R, Davis R. A tailored prostate cancer education intervention for low-income African Americans: Impact on knowledge and screening. <i>Journal of Health Care for the Poor and Underserved</i> 2013;24:311-31.
Hargreaves MK, Liu J, Buchowski MS, Patel KA, Larson CO, et al. Plasma Selenium Biomarkers in Low Income Black and White Americans from the Southeastern United States. <i>PLoS ONE</i> 2014;9(1):e84972. doi:10.1371/journal.pone.0084972.
Patel K, Kanu M, Liu J, Bond, B, Brown E, Williams E, Theriot R, Bailey S, Sanderson M, Hargreaves M. Factors influencing breast cancer screening in Low-Income African Americans in Tennessee. <i>Journal of Community Health</i> 2014;39(5):943-950.
Sanderson M, Lipworth L, Han X, Beeghly-Fadiel A, Shen-Miller D, Patel K, Blot W, Hargreaves M. A cross-sectional analysis of mammography use among women with and without diabetes: Results from the Southern Community Cohort Study. <i>Journal of Epidemiology and Global Health</i> 2014;4:223-230.
Akohoue S, Patel K, Adkerson LML, Russell RL. Patients', Caregivers', and Providers' Perceived Strategies for Diabetes Care. <i>American Journal of Health Behavior</i> 2015;39:433-440.
Akohoue S, Kenerson D, Takizala Z, Beard K, Burress M, Pinkerton H, Liu J, Patel K, Hargreaves M. Perceptions and receipt of cancer screening among African Americans: A community networks program project. <i>Open Journal of epidemiology</i> 2016;6:256-270.
Patel K, Inman W, Gishe J, Johnson O, Elizabeth B, Kanu M, Theriot R, Sanderson M, Hull P, Hargreaves M. A community-driven intervention for improving bio-specimen donation in African American communities. <i>Journal of Racial and Ethnic Health Disparities</i> 2017; in press.

Presentations

Nedegaard R, Sbrocco T, Stone J, Gallant L, Lewis E, Hodges S, Patel K, Huffman-Roper SA. Non-dieting approach to weight loss with obese women. Paper presented at The Association for the Advancement of Behavior Therapy, Miami, FL, November, 1997.
Sbrocco T, Stone J, Nedegaard RC, Gallant L, Patel K, Lewis E. Accurate estimates of food intake among obese women: Use of computerized food diaries. Paper presented at The Association for the Advancement of Behavior Therapy, Miami, FL, November, 1997.
Patel K, Gray JJ. Gender differences in body image preferences among African American men and women. Poster presented at The Eastern Psychological Association, Providence, RI, April, 1999.
Patel K, Schlundt D. Impact of moods and social context on eating behaviors. Poster presented at The Society for Behavioral Medicine, Nashville, TN, April, 2000.
Ritterband LM, Cox DC, Walker L, Kovatchev B, McKnight L, Patel K, Borowitz SM, Sutphen J. An Internet Intervention for Pediatric Encopresis. Paper presented at eHealth Developers Summit, San Diego, November, 2003.
Patel K, Schlundt D. A model of body dissatisfaction in men. Poster presented at The Society of Behavioral Medicine, Baltimore, MD, March, 2004.
Cox DC, Ritterband LM, Gonder-Frederick L, Patel K, Kovatchev B, Clarke, W. Blood Glucose Awareness Training delivered over the Internet. Poster presented at The American Diabetes Association, Washington DC, June, 2006.
Patel K, Hargreaves M, Ata A, Drake J, Lin J, McClellan L. Association of CVD, Diabetes, and Lifestyle Behaviors with the SF-12 Mental and Physical Scores: Nashville REACH Population. Paper presented at Association for the Behavioral Sciences and Medical Education, Annapolis, MD, October, 2006.
Schlundt DG, McClellan L, Niebler S, Patel K, Hargreaves MK. Process and outcome evaluation of the Nashville REACH 2010 community-based participatory research project to reduce disparities in North Nashville. Poster presented at NIH conference on understanding and reducing health disparities. Contributions from the behavioral and social sciences. Bethesda, MD, October, 2006.
Patel K, Hargreaves M, Schlundt D, Larson C, McClellan L. Racial and income differences in barriers to health care access. Poster presented at The Society of Behavioral Medicine, Washington DC, March, 2007.
Franklin M, Patel K, Hargreaves M, McClellan L, Schlundt D. Religious affiliation/denomination differences in health behaviors and outcomes: Data from the Nashville REACH 2010 Project. Poster presented at The Society of Behavioral Medicine, Washington DC, March, 2007.
Schlundt D, Larson C, Niebler S, Patel K, Irwin J, Hargreaves M. Nashville REACH 2010: Tracking disparities between African Americans in north Nashville and whites in Tennessee, 2001 to 2005. Poster presented at The Society of Behavioral Medicine, Washington DC, March, 2007.
Schlundt D, Niebler S, Irwin J, Greene C, Reid R, Gardner T, Patel K, Larson C, Hargreaves M. Nashville REACH 2010: Evaluation of community screening for diabetes, hypertension, and high cholesterol 2002 to 2007. Poster presented at The Society of Behavioral Medicine, Washington DC, March, 2007.
Schlundt D, Niebler S, Larson C, Patel K, Hargreaves M. Neighborhood differences in diabetes prevalence and disparities: Multi-level model of Nashville, TN. Poster presented at the American Diabetes Association, Chicago, IL, June, 2007.
Stephania MT, Patel K, Schlundt DG, Larson C, Hargreaves M. Physical and mental health status are associated with diabetes health-seeking practices. Poster presented at the American Diabetes Association, Chicago, IL, June, 2007.

Patel K, Hargreaves M, Alexander L, Larson C. Racial differences in cancer mortality and screening rates in three urban counties in Tennessee. Poster presented at the American Public Health Association, Washington DC, November, 2007.
Patel K, Hargreaves M, Niebler S, Schlundt, Alexander L, Larson C. Influence of chronic illnesses on smoking cessation. Poster presented at the American Public Health Association, Washington DC, November, 2007.
Patel K, Hargreaves M, Larson C, Alexander L, Bush, V. Understanding health characteristics and cancer screening rates in three urban counties in Tennessee. Poster presented at the American Association of Cancer Research, Cancer Health Disparities Conference, Atlanta, GA, November, 2007.
Lorence M, Schlundt DG, Patel K, Hargreaves MK. Cluster Analysis of Eating Behavior Patterns in a Community Based Sample. Paper presented at The Society of Behavioral Medicine, Washington DC, March, 2007.
Kenerson D, Hargreaves M, Patel K, Larson C. Social capital as a framework for community based participatory research in cancer prevention and control. Poster presented at the American Association of Cancer Research, Cancer Health Disparities Conference, Atlanta, GA, November, 2007.
Hargreaves M, Patel K, Buchowski M, Wang H, Drake J, Ukoli F, Blot W. Racial and demographic differences in selenium status: Report from the Southern Community Cohort Study. Poster presented at the American Association of Cancer Research, Cancer Health Disparities Conference, Atlanta, GA, November 2007.
Patel K, Kenerson D, Wang H, Bush V, Alexander L, Ukoli F, Hargreaves M. Regional differences in barriers to prostate cancer screening among African American men. Poster presented at the Cancer Health Disparities Summit 2008, Bethesda, MD, July, 2008.
Kenerson D, Patel K, Hargreaves M, Drake J, Bush V. Understanding neighborhood diversity: Using focus group methods to inform community based participatory research in cancer prevention and control interventions. Poster presented at the Cancer Health Disparities Summit 2008, Bethesda, MD, July, 2008.
Trochtenberg D, Patel K, Corey J. Barriers to care in African American asthmatics. Paper presented at CHEST, San Diego, CA, November, 2009.
Ukoli F, Patel K, Beech D, Beard K, Davis R, Hargreaves M. A prostate cancer screening program for low-income African Americans. Paper presented at American Public Health Association, Philadelphia, PA, November, 2009.
Patel K, Hargreaves M, Kenerson D, Alexander L, Wang H. Factors influencing colorectal cancer screening in low-income African Americans in Tennessee. Poster presented at the American Association of Cancer Research, The Science of Cancer Health Disparities Annual Meeting, Carefree, AZ, February, 2009.
Kenerson D, Patel K, Hargreaves M. Understanding effective cancer communication in African American communities. Poster presented at the American Association of Cancer Research, The Science of Cancer Health Disparities Annual Meeting, Carefree, AZ, February, 2009.
Patel K. Emotional Eating. Invited presentation at The 4th Annual Nashville Area Health Summit, Advancing Knowledge in Health Care: Obesity, Diabetes, and Cardiovascular Disease, Nashville, TN, July, 2009.
Patel K, Ukoli F, Beard K, Beech D, MD, Liu J, Brown B, Hargreaves M. A culturally-tailored intervention aimed at improving prostate cancer knowledge and screening in African American men. Poster presented at the American Society of Preventive Oncology, Bethesda, MD, March, 2010.
Patel K, Kenerson D, Sanderson M, Takizala Z, Neal R, Hargreaves M. Knowledge, attitudes, and practices among African Americans for biospecimen collection. Poster presented at the Cancer Health Disparities Summit 2013, Bethesda, MD, July, 2013.

Patel K, Brown E, Kanu M, Foxx T, Hargreaves M. Factors influencing breast cancer screening in low-income African Americans in Tennessee. Poster presented at the Tennessee Public Health Association Conference, 2013, Nashville, TN, September, 2013.
Patel K, Inman W, Johnson O, Brown E, Hargreaves M. A community-driven intervention for improving bio-specimen donation in African Americans. Poster presented at the Tennessee Public Health Association Conference, Nashville, TN, September, 2016.
Patel K, Gische J, Pleban F, Brown C, Brown E, Jackson C, Hargreaves M. The Impact of Gender and Delivery Method on a Community-Driven Intervention for Improving Bio-Specimen Donation among African Americans. MeTRC Health Disparities Conference, Meharry Medical College, Nashville, TN, November, 2016.

Grants Received

1U54CA153708-01 Patel (Pilot Project PI) National Cancer Institute Community Networks Program Center Pilot: Knowledge, attitudes, and practices among African Americans for Biospecimen Collection The primary goal of this project is to assess and improve the knowledge, attitudes, and behavioral intent of the African American community in Nashville with regard to donating biospecimens for cancer research Role: Pilot Project PI	10/01/11-09/29/15
110CMS330699-01 Patel (PI) CMS Improving Diabetes Management in African Americans using Community Health Centers The primary goal of this project was to improve optimal diabetes management of low-income African Americans served by a community health center and those in the surrounding community. Role: PI	09/29/11-08/30/12
RO1 CA92447-01 Blot, (PI) Hargreaves (PI, MMC subcontract) National Cancer Institute Southern Community Cohort Study This project will determine lifestyle risks for cancer & other diseases among blacks and whites in ten southeastern states. Role: Co-Investigator	5/01/07-4/30/12
U01 CA114641-01 Hargreaves (PI) National Cancer Institute Meharry Community Health Centers-Community Networks Program The Meharry Community Health Centers-Community Networks Program (Meharry CHC-CNP) is an NCI-funded partnership between Meharry Medical College and three urban Tennessee Community Health Centers (Nashville, Memphis, and Chattanooga). The goal of this partnership is to reduce cancer health disparities among African Americans in these communities by conducting community-based participatory education, training, and research. The major research question of this CNP initiative is how best to improve access to and utilization of cancer prevention and control behaviors so as to reduce cancer disparities among African Americans. Role: Behavioral Scientist and Evaluator	5/01/05-4/31/10
P20RR011792 Trochtenberg (PI) Patel (Co-PI) NIH and RCMI Clinical Research Infrastructure Initiative Application of CBPR methodology to improve chronic illness management	07/01/07-06/30/08

<p>This project will use Community-Based Participatory Research (CBPR) methodology to develop interventions aimed at improving asthma management in high-risk African American asthmatics. Role: Co-PI</p>	
<p>Project Diabetes: Planning Grant Zoorob (PI) Patel (Co-PI) Tennessee State Health Department Application of CBPR methodology to develop a diabetes intervention program This project will use Community-Based Participatory Research (CBPR) methodology to develop a diabetes intervention aimed at improving diabetes management in high-risk African Americans. Role: Co-PI</p>	<p>06/15/07-06/14/08</p>
<p>HHS-2007-CMS-HHS-0007 Ukoli (PI), Patel (Co-Investigator) DHHS-CMS HBCU Health Services Research Grant Program A prostate cancer screening program for low-income African Americans This project will utilize CBPR methodology to develop a prostate cancer (PCa) screening program to improve screening rates and knowledge about PCa in African American men. Role: Co-Investigator and Evaluator</p>	<p>09/01/07-08/31/09</p>

Volunteer Work or Group Affiliations

<p>Member, Eastern Psychological Association, 1999.</p>
<p>Member, Society of Behavioral Medicine, 2003-Present.</p>
<p>Member, Nashville Health Disparities Coalition (NHDC), 2006-Present.</p>
<p>Member, Advisory Committee for Meharry Community Health Centers-Community Networks Program, 2006.</p>
<p>Psychologist, Tennessee Board of Health, 2010-Present.</p>
<p>Member, American Diabetes Association, 2009.</p>
<p>Member, Society of Public Health Education, 2009.</p>
<p>Historic Black Colleges and Universities Research Network, 2006-Present.</p>
<p>Steering Committee Member, Nashville Latino Health Coalition, 2007-Present.</p>
<p>Member, Tennessee Public Health Association, 2013-Present</p>