

*CURRICULUM VITAE ~ Brittany L. Smalls*

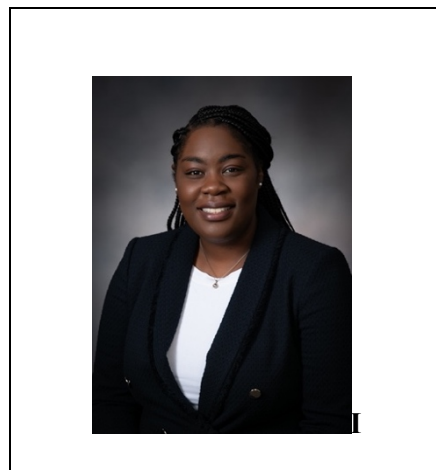
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Date Prepared: July 1, 2021

## *CURRICULUM VITAE*

**Brittany L. Smalls, PhD, MHSA**  
**Assistant Professor, tenure-track, Regular Title Series**  
**Department of Family and Community Medicine**  
**Division of Research**  
**University of Kentucky College of Medicine**



### **I. GENERAL INFORMATION**

**Office Address** 2195 Harrodsburg Road, Suite 125  
Lexington, KY 40504

**Email** [Brittany.smalls@uky.edu](mailto:Brittany.smalls@uky.edu)

**Phone** 859-323-4916

### **Research Certification**

01/2017-01/2022 Collaborative Institutional Training Initiative (CITI)

### **II. EDUCATION**

#### **Undergraduate**

07/2004-12/2007 **College of Charleston** Charleston, SC  
Bachelor of Science, Anthropology

#### **Professional/Graduate**

01/2009-06/2010 **Strayer University** N. Charleston, SC  
Master's, Health Services Administration

08/2011-08/2014 **Medical University of South Carolina** Charleston, SC  
PhD, Health and Rehabilitation Science,  
concentration in Health Services Research

### **III. PROFESSIONAL EXPERIENCES**

**Medical University of South Carolina** Charleston, SC

01/2010-08/2011	Clinical Trials Coordinator, Division of Rheumatology and Immunology, Full-time	
10/2011-02/2014	Program Coordinator, Center for Health Disparities Research, Full-time	
02/2014-02/2015	<b>Department of Veteran Affairs</b>	Bedford, MA
02/2015-08/2016	Health Science Specialist, eHealth Quality Enhancement Research Initiative (QUERI), Full-time <b>Brigham and Women's Hospital</b> Senior Project Manager, Center for Surgery and Public Health, Full-time	Boston, MA

**IV. ACADEMIC APPOINTMENTS**

	<b>Massachusetts College of Pharmacy and Health Sciences</b>	Boston, MA
04/2015-05/2016	Adjunct Faculty, Non-tenure track, Part-time <b>University of Kentucky College of Medicine</b> <i>Center for Health Services Research, Internal Medicine</i>	Lexington, KY
09/2016-06/2019	Assistant Professor, Tenure-track, Full-time <i>Center for Health Equity Transformation</i>	
12/2018-	Core Faculty <i>Family and Community Medicine</i>	
07/2019-	Assistant Professor, Tenure-track, Full-time <i>Graduate Center for Gerontology</i>	
03/2021-	Affiliate Faculty	

**V. HOSPITAL or CLINICAL APPOINTMENTS**

Not applicable.

**VI. CONSULTING ACTIVITIES**

Not applicable.

**VII. TEACHING ACTIVITIES**

	<b>College of Medicine, University of Kentucky</b>	Lexington, KY
12/2016	Division of Rheumatology Grand Rounds Lecture Title: <i>"The Impact of Social Determinants of Health"</i>	

03/2017	Department of Surgery Grand Rounds Lecture Title: <i>“Health Services Research in Surgery”</i>	
10/2017	Introduction to Global Health FM815/825 Lecture Title: <i>“Keys to Creating a Meaningful Global Health Initiative”</i>	
	<b>College of Public Health, University of Kentucky</b>	Lexington, KY
10/2017	Introduction to Global Health 476G Lecture Title: <i>“Culture and Global Health: The Basis for Addressing Health Inequities”</i>	
10/2020	Epidemiology/Biostatistics Doctoral Seminar (CPH 786) Lecture Title: <i>“Using Social Network Analysis to Enhance Social Support and Promote T2DM Self-Care in Older Rural Dwelling Adults”</i>	
	<b>College of Engineering, University of Kentucky</b>	Lexington, KY
10/2020	Introduction to Humanitarian Engineering (CE 599), UK College of Engineering Lecture Title: <i>“Social Determinants of Health: The Intersection Between Engineering and Health in Underserved Communities”</i>	
	<b>College of Medicine, Medical University of South Carolina</b>	Charleston, SC
07/2018	Department of Public Health Sciences, Health Disparities: Sociological and Epidemiological Perspectives BMTRY 759 Lecture Title: <i>“Neighborhood Influences on Health”</i>	
07/2019	Department of Public Health Sciences, Health Disparities: Sociological and Epidemiological Perspectives BMTRY 759 Lecture Title: <i>“Neighborhood Influences on Health”</i>	

## VIII. ADVISING ACTIVITIES

2016-2017	<b>Jada Biggers</b> , High School Student, Bryan Station High School, UK Gill Junior Scholar Program
2017-2019	<b>Jada Biggers</b> , Undergraduate Student, University of Louisville
2017-2018	<b>Adaeze Aroh</b> , DrPH Student, College of Public Health, University of Kentucky

11/2017-06/2020	<b>Vashisht Madabhushi</b> , General Surgery Resident, University of Kentucky College of Medicine
02/2018-05/2020	<b>Myles Moody</b> , PhD Student Medical Sociology, University of Kentucky College of Arts and Sciences
01/2019-	<b>Maya Cleveland</b> , MS in Medical Science Student, University of Kentucky College of Medicine
04/2019-01/2020	<b>India Smith</b> , MS in Medical Science Student, University of Kentucky College of Medicine
04/2019-	<b>Nicole Martin</b> , Medical Student, University of Kentucky College of Medicine
06/2019-	<b>Felipe De La Barra</b> , Medical Student, University of Kentucky College of Medicine
06/2019-	<b>Adebola Adegboyega</b> , Assistant Professor, University of Kentucky College of Nursing
08/2019-07/2020	<b>Connor Hays</b> , MS in Medical Science Student, University of Kentucky College of Medicine
01/2020-06/2020	<b>Ellen Combs</b> , Medical Student, University of Kentucky College of Medicine
02/2020-	<b>Nicholas Coffey</b> , Medical Student, University of Kentucky College of Medicine
07/2020-	<b>Myles Moody</b> , Assistant Professor, College of Arts and Sciences, University of Alabama-Birmingham
07/2020-	<b>Madeline Dunfee</b> , MD/PhD Student, College of Medicine and College of Public Health, University of Kentucky
12/2020-	<b>Patience Simon-Okube</b> , Graduate Certificate in Gerontology, College of Public Health, University of Kentucky

#### **IX. ADMINISTRATIVE ACTIVITIES & UNIVERSITY SERVICE**

12/2018-06/2020	<b>Founding Co-Chair</b> , Executive Committee, Faculty of Color Network, UK College of Medicine
07/2019-07/2020	<b>Member</b> , Recruitment Committee, Department of Family and Community Medicine, UK College of Medicine
02/2020-	<b>Member</b> , Programming Subcommittee, Center for Health Equity Transformation, University of Kentucky College of Medicine

08/2020- **Chair**, Recruitment Committee, Department of Family and Community Medicine, UK College of Medicine

03/2021- **Assistant Director**, DREAM Scholar Program, Center for Clinical and Translational Science, University of Kentucky College of Medicine

03/2021- **Co-Director**, Integrated Special Populations, Center for Clinical and Translational Science, University of Kentucky College of Medicine

10/2016 **Member**, General Surgery Research Program, Department of Surgery

10/2017-10/2019 **Member**, College of Medicine International Committee

11/2017 **Member**, Investigator Initiated Research Committee, Department of Surgery

03/2018- **Mentor**, Community Leadership Institute of Kentucky (CLIK), Center for Clinical and Translational Science, University of Kentucky

04/2018 **Mentor**, Early Career Scholars, UK Center for Clinical and Translational Science 13<sup>th</sup> Annual Spring Conference

08/2018- **DREAM Scholar Associate/Mentor**, Disparities Researchers Equalizing Access for Minorities (DREAM) Scholars Program, UK Center for Clinical and Translational Science

09/2018 **Mentor**, Appalachian Translational Research Network 8<sup>th</sup> Annual Summit, University of Kentucky

12/2018- **Member**, Gerontology Graduate Certificate Committee, College of Public Health, University of Kentucky

02/2019- **Mentor**, Center for Graduate and Professional Diversity Initiative, University of Kentucky

04/2019 **Mentor**, Early Career Scholars, UK Center for Clinical and Translational Science 14<sup>th</sup> Annual Spring Conference

06/2021- **Elected COM Member**, University Senate, University of Kentucky

## X. SPECIAL ASSIGNMENTS

07/2018-06/2019 **Member**, Education Initiative Committee, Center for Health Services Research, College of Medicine

04/2018 **Session Chair**, Oral Presentations Session B, Center for Clinical and Translational Science 13<sup>th</sup> Annual Spring Conference

07/2019- **Member**, Diversity Task Force, Department of Family and Community Medicine, College of Medicine

10/2019- **UK Lead**, UK/Aetna Diabetes Work Group, Center for Health Equity and Transformation, University of Kentucky College of Medicine and Aetna

- 07/2020                    **Member**, Research Subcommittee, FY20 Strategic Planning, Department of Family and Community Medicine, UK College of Medicine
- 07/2020                    **Member**, Academic Subcommittee, FY20 Strategic Planning, Department of Family and Community Medicine, UK College of Medicine
- 07/2020                    **Member**, Administrative Subcommittee, FY20 Strategic Planning, Department of Family and Community Medicine, UK College of Medicine
- 07/2020                    **Member**, Community Engagement/Inclusivity Subcommittee, FY20 Strategic Planning, Department of Family and Community Medicine, UK College of Medicine
- 10/2020                    **Member**, Faculty Advisory Committee, Research Scholars Program, Office of the Vice President of Research, University of Kentucky
- 08/2020-                    **Member**, University of Kentucky COVID-19 Vaccine Intentions Survey Team [in collaboration with the Kentucky Governor’s Office and Kentucky Department of Public Health]
- 06/2021                    **Session Chair**, Framing and Decision-Making: Mechanisms of Racism in Healthcare, AcademyHealth Annual Research Meeting
- 06/2021                    **Mentor**, Public Health and Epidemiology Interest Group Mentoring Session, American Diabetes Association Annual Scientific Sessions

**XI. HONORS & AWARDS**

- 06/2010                    **Member**, Alpha Chi National College Honor Scholarship Society
- 04/2012                    **Scholar**, AcademyHealth/Aetna Foundation Minority Scholars Program
- 03/2020                    **Awardee**, AAMC Minority Faculty Leadership Travel Award, University of Kentucky College of Medicine
- 07/2020                    **Awardee**, Travel Award, National Institute of Health/National Medical Association Career Development Program
- 02/2021                    **Awardee**, Medical Education Award in Mentorship, Academy of Medical Educator Excellence, University of Kentucky College of Medicine

**XII. PROFESSIONAL ACTIVITIES, PUBLIC SERVICE & PROFESSIONAL DEVELOPMENT**

**Memberships**

- 2008-2017                    American College of Healthcare Executives
- 03/2012-                    AcademyHealth
- 10/2017-                    Gerontological Society of America

10/2017- American Diabetes Association  
03/2018- American Public Health Association  
10/2018- American Heart Association

### **Advisory Groups**

09/2017-06/2019 **Member/Coordinator**, Health Disparities Advisory Committee, AcademyHealth  
08/2019 **Member**, Search Committee, Center for Health Equity Transformation, University of Kentucky  
07/2020 **Member**, Research Strategic Planning Committee, Department of Family and Community Medicine, University of Kentucky College of Medicine  
07/2020 **Member**, Academic Strategic Planning Committee, Department of Family and Community Medicine, University of Kentucky College of Medicine  
07/2020 **Member**, Administrative Strategic Planning Committee, Department of Family and Community Medicine, University of Kentucky College of Medicine  
07/2020 **Member**, Community Engagement/Diversity Strategic Planning Committee, Department of Family and Community Medicine, University of Kentucky College of Medicine

### **Review Panels**

01/2013 **Member**, AcademyHealth Minority Scholars Application Review Committee  
01/2017-06/2019 **Abstract scientific reviewer**, AcademyHealth Health Disparities Interest Group  
02/2018- **Scientific reviewer**, Center for Clinical and Translational Research (CCTS), University of Kentucky

### **Journal Peer-Reviewing**

10/2015 **Ad hoc reviewer**, BMC Medical Research Methodology  
03/2016- **Ad hoc reviewer**, Health and Place  
04/2017 **Ad hoc reviewer**, Scientia Pharmaceutica  
10/2017- **Ad hoc reviewer**, Population Health  
03/2018- **Ad hoc reviewer**, International Journal of Environmental Research and Public Health  
07/2018 **Ad hoc reviewer**, Chronic Illness  
10/2018- **Ad hoc reviewer**, Primary Care Diabetes  
10/2018 **Ad hoc reviewer**, Journal of General Internal Medicine  
10/2018 **Ad hoc reviewer**, Medicina  
10/2018- **Ad hoc reviewer**, BMC Health Service Research  
11/2018- **Ad hoc reviewer**, American Journal Preventive Medicine  
01/2019 **Ad hoc reviewer**, Health Education and Behavior



02/2019- **Ad hoc reviewer**, Heliyon  
06/2019 **Ad hoc reviewer**, Experimental Gerontology  
02/2020- **Ad hoc reviewer**, BMC Public Health  
03/2020 **Ad hoc reviewer**, BMC Endocrine Disorders  
05/2020- **Ad hoc reviewer**, BMC Family Practice  
07/2020- **Ad hoc reviewer**, Diabetes Research and Care

**Professional Development**

10/2016-07/2018 **Scholar**, Disparities Researchers Equalizing Access for Minorities (DREAM) Center, University of Kentucky  
05/2017-6/2018 **Advanced Health Disparities Scholar**, Arizona Program to Increase Diversity among Individuals Engaged in Health-Related Research (AZ-PRIDE), National Heart, Lung, and Blood Institute (NHLBI)  
01/2018-05/2018 **Scholar**, Proposal Preparation Program (P3), National Research Mentoring Network  
07/2018 **Scholar**, Behavioral Randomized Clinical Trials Summer Institute, National Institutes of Health (OBSSR/ODP/NHLBI)  
06/2019 **Faculty Participant**, Emotional Intelligence in the Workplace, UK COM Faculty Development Session, University of Kentucky  
08/2019- **Fellow**, Leadership and Education Advancement Program (LEAP), Minority Fellowship Program, American Psychological Association  
05/2020- **Master's Student**, Health Psychology, Northcentral Univeristy  
07/2020 **Scholar**, National Institutes of Health/National Medical Association, Career Development Workshop [remote]  
08/2020- **Reviewer**, Early Career Reviewer Program, Community-Level Health Promotion Study Section, National Institutes of Health [remote]  
06/2020- **Fellow**, Brown Institute for Implementation Science Scholars (IS-2), Washington University-St. Louis [hybrid]

**XIII. SPEAKING ENGAGEMENTS**

**Local**

02/2019 **Panelist**, Cultural Competency in Healthcare, College of Health Sciences, University of Kentucky  
04/2019 **Panelist**, Advancing the Science of Health Systems: Innovation, Implementation, and Impact, 14<sup>th</sup> Annual UK CCTS Spring Conference, University of Kentucky  
01/2021 **Presenter**, *Caring for Grandparent Caregivers: An Implementation Science Approach*, Works in Progress, Department of Family and Community Medicine, University of Kentucky  
01/2021 **Presenter**, *Project GOOD (Grandparents Optimizing Outcomes in Diabetes): Peer Mentoring among Rural-Dwelling Grandparent Caregivers to Improve T2DM Outcomes*, TRIPPPLe Alliance Meeting, University of Kentucky College of Medicine

**State/Regional**

N/A

National/International

- 11/2018 **Smalls BL, Adegboyega A\***, Hatcher J. The disparities researcher equalizing access for minorities (DREAM) program: developing health disparities researchers for the future. Panel title: Public health education and promotion: addressing health disparities through health promotion initiatives. American Public Health Association, San Diego, CA. Panel.
- 06/2021 **Smalls BL**. Effects of Neighborhood and Social Contexts on Diabetes. Including Social Determinants of Health in Diabetes Care. American Diabetes Association. Symposium 3-CT-SY03.

\*Indicates student or trainee

**XIV. RESEARCH & INTELLECTUAL CONTRIBUTIONS**

**PEER-REVIEWED ORIGINAL RESEARCH PUBLICATIONS**

Published

1. Hernandez-Tejada MA, Campbell JA, Walker RJ, **Smalls BL**, Davis KS, Egede LE. Diabetes Empowerment, medication adherence and self-care behaviors in adults with type 2 diabetes. *Diabetes Technology and Therapeutics*. 2012 Jul; 14: 630-634.
2. **Smalls BL**, Walker RJ, Hernandez-Tejada, MA, Campbell JA, Davis KS, and Egede LE. Associations between coping styles, diabetes knowledge, medication adherence, and self-care behaviors in adults with type 2 diabetes. *General Hospital Psychiatry*. 2012 Jul-Aug; 43: 385-389.
3. Walker RJ, **Smalls BL**, Hernandez-Tejada MA, Campbell JA, Davis KS, Egede LE. Effect of diabetes fatalism on medication adherence and self-care behaviors in adults with diabetes. *General Hospital Psychiatry*. 2012 Nov-Dec; 34: 589-603.
4. Campbell JA, Walker RJ, **Smalls BL**, Egede LE. Glucose control in diabetes: the impact of racial differences on monitoring and outcomes. *Endocrine*. 2012 Dec; 42:471-482. DOI 10.1007/s12020-012-9744-6.
5. Walker RJ, **Smalls BL**, Bonilha HS, Egede LE. Behavioral interventions to improve glycemic control in African Americans with type 2 diabetes: a systematic review. *Ethnicity and Disease*. Autumn 2013; 23: 401-408.
6. Walker RJ, **Smalls BL**, Hernandez-Tejada MA, Campbell JA, Egede LE. Effect of diabetes self-efficacy, medication adherence, self-care behaviors, glycemic control and quality of life in a predominantly low income, minority population. *Ethnicity and Disease*. 2013; 24: 349-355.
7. **Smalls BL**, Gregory CM, Zoller JS, Egede LE. Effect of neighborhood factors on diabetes self-care behaviors in adults with type 2 diabetes. *Diabetes Research and Clinical Practice*. 2014; 106: 435-442.
8. Williams JLS, Walker RJ, **Smalls BL**, Campbell JA, Egede LE. Effective interventions to improve medication adherence in type 2 diabetes: a systematic review. *Diabetes Management*. 2014; 4: 29-48.
9. Walker RJ, **Smalls BL**, Campbell JA, Williams JLS, Egede LE. Impact of social determinants of health on outcomes of type 2 diabetes: a systematic review. *Endocrine*. 2014; 1-20.
10. Walker RJ, **Smalls BL**, Egede LE. Social determinants of health in adults with type 2 diabetes- contributions of mutable and immutable factors. *Diabetes Research and Clinical Practice*. 2015; 110: 193-201.
11. **Smalls BL**, Gregory CM, Zoller JS, Egede LE. Assessing the relationship between neighborhood factors and diabetes related health outcomes and self-care behaviors. *BMC Health Services Research*. 2015; 15: 1.

12. **Smalls BL**, Walker RJ, Bonilha HS, Campbell JA, Egede LE. Community interventions to improve glycemic control in African Americans with type 2 diabetes: a systematic review. *Journal of Global Health Sciences*. 2015; 7: 171-182.
13. **Smalls BL**, Gregory CM, Zoller JS, Egede LE. Direct and indirect effects of neighborhood factors and self-care on HbA1c in adults with type 2 diabetes. *Journal of Diabetes and Its Complications*. 2015; 29: 186-191.
14. **Doshi T\***, **Smalls BL**, Williams JLS, Wolfman TE, Egede LE. Socioeconomic status and cardiovascular risk control in adults with diabetes. *American Journal of the Medical Sciences*. 2016; 352: 36-44.
15. **Smalls BL**, Gregory CM, Zoller JS, Egede LE. Conceptualizing the effect of community and neighborhood factors on type 2 diabetes health outcomes. *Environment and Behavior*. 2017; 49(5):560-582.
16. Williams JS, RJ Walker, **Smalls BL**, Hill R, Egede LE. Patient-centered care, glycemic control, diabetes self-care, and quality of life in adults with type 2 diabetes. *Diabetes Technology and Therapeutics*. 2016; 18(10):644-649.
17. **Lilley EJ\***, Morris MA, **Luxford JMH\***, **Changoor NR\***, **Scott JW\***, **Smalls BL**, Weissman J, Bader AM, Cooper Z. Taking over somebody's life: Experiences of surrogate decision-maker in the surgical intensive care unit. *Journal of the American College of Surgeons*. 2016; 223(4): S48.
18. Lilley EJ, Cauley CE, Goldberg JE, Changoor NR, Scott JW, **Smalls BL**, Weissman J, Hepner DL, Bader AM, Cooper Z. Association between treatment and end-of-life outcomes after hospitalization for bowel obstruction among older cancer patients: a retrospective cohort study using a national population-based registry. *Journal of the American College of Surgeons*. 2016; 223(4): S63.
19. Lilley EJ, Olufajo OA, **Smalls BL**, Jiang W, Weissman J, Haider AH, Bader AM, Cooper Z. Predictors of hospice enrollment after hospital discharge among older Medicare beneficiaries admitted with moderate and severe traumatic injuries. *Journal of the American College of Surgeons*. 2016; 223(4): S65.
20. **Lilley EJ\***, **Scott JW\***, Goldberg JE, **Cauley CE\***, Temel JS, Epstein AS, Lipsitz SR, **Smalls BL**, Haider AH, Bader AM, Weissman JS, Cooper Z. Survival, healthcare utilization, and end-of-life care among older adults with malignancy-associated bowel obstruction: comparative study of surgery, venting gastrostomy, or medical management. *Annals of Surgery*. 2017; doi: 10.1097/SLA.0000000000002164.
21. **Campbell JA\***, Walker RJ, **Smalls BL**, Egede LE. Use of adaptability index to explain self-care and diabetes outcomes. *BMC Endocrine Disorders*. 2017; 17(43). doi:10.1186/s12902-017-0185-3.
22. **Smalls BL**, **Aroh A\***, McQuerry K, **Adegboye A\***, Schoenberg NE, Hatcher J. Social support and breast cancer screening in rural Appalachia. *Psycho-Oncology*, 2018; doi: 10.1002/pon.482.
23. **Keevan DD\***, Harris CT, Davenport DL, **Smalls B**, Bernard AC. Cost burden and mortality in rural emergency general surgery transfer patients. *Journal of Surgical Research*, 2019; 234:60-64.
24. **Lee KS\***, Feltner FJ, Bailey AL, Lennie TA, Chung ML, **Smalls BL**, Schuman DL, Moser DK. The relationship between psychological states and health perception in individuals at risk for cardiovascular disease. *Psychology Research and Behavior Management*, 2019; 12:317-324.
25. Williams EM, Dismuke CL, Faith TD, **Smalls BL**, Brown E, Oates JC, Egede LE. Cost effectiveness of a peer mentoring intervention to improve disease self-management practices and self-efficacy among African American women with systemic lupus: Analysis of the Peer Approaches to Lupus Self-Management (PALS) pilot study. *Lupus*, 2019; 28(8):937-944.
26. **Hanna DR\***, Walker RJ, **Smalls BL**, **Campbell JA\***, Dawson AZ, Egede LE. Correlates of hypertension in the indigenous Kuna population of Panamá. *BMC Public Health*, 2019; 19:843. <https://doi.org/10.1186/s12889-019-7211-5>.
27. **Smalls BL**, Ritchwood TD, Bishu KG, Egede LE. Racial/ethnic differences in glycemic control in older adults with type 2 diabetes: United States 2002-2014. *International Journal of Environmental Research and Public Health*, 2020; 17: 950. doi:10.3390/ijerph17030950.

28. Rodgers W, Williams E, **Smalls BL**, Singleton T, Tennessee A, Kamen D, Gilkeson G. Treating systemic lupus erythematosus (SLE): The impact of historical environmental context on healthcare perceptions and decision making in Charleston, South Carolina. *International Journal of Environmental Research and Public Health*, 2020; 17:2285. doi:10.3390/ijerph1707228
29. **Smalls BL**, Adegboyega A, Contreras OA, **Palmer KNB\***, Hatcher J. Assessing diabetes risk factors in rural dwelling grandparent caregivers. *Gerontology and Geriatric Medicine*, 2020; 6:1-8. <https://doi.org/10.1177/2333721420924986>
30. Smith JL, Chung ML, Miller JL, Biddle M, Schuman DL, Rayens MK, Lennie TA, **Smalls BL**, Hammash M, Mudd-Martin G, Moser DK. Profile of informal rural Appalachian caregivers of patients with chronic illnesses. *The Journal of Rural Health* <https://doi.org/10.1111/jrh.12560>
31. **Smalls BL**, Faith T, Johnson H, Williams E. Feasibility and preliminary data for a state-wide South Carolina Lupus Registry. [Accepted, *Lupus*]

#### Under Review

32. **Smalls BL**, Adegboyega A, **Palmer KNB\***, Hatcher J. Evaluating social support and T2D risk factors among members of rural dwelling grandparent-headed households. [Under review, *American Journal of Preventive Medicine*]
33. **Smalls BL**, Adegboyega A, **Combs E\***, **Travis EW\***, **De La Barra F\***, Williams LB, Schoenberg N. Evaluating the association between depressive symptoms and glycemic control among rural Appalachians. [Under review, *BMC Public Health*]
34. **Smalls BL**, Adegboyega A, **Combs E\***, **Rutledge R\***, **De La Barra F\***, Williams LB, Schoenberg N. The mediating/moderating role of cultural context factors on self-care practices among those living with diabetes in rural Appalachia. [Under review, *BMC Public Health*]
35. **Smalls BL**, Adegboyega A, Combs E, Azam T, Westgate P, Schoenberg N. Examining chronic pain among Appalachian residents living with T2DM. [Under review, *Journal of Rural Health*]
36. **Smalls BL**, **Azam T\***, **Dunfee M\***, Westgate P, Westneat S, Schoenberg N. The relationship between psychosocial factors and HbA1c among an Appalachian population. [Under review, *Journal of Rural Health*]

#### Under Development

37. **Smalls BL**, Lacy M, Hieronymus L, Westgate P, Azam T, Westneat S, Schoenberg N. A new look at barriers to clinical care among Appalachian residents living with diabetes.
38. **Smalls BL**, Eddens K, Martin N. Using social network analysis to conduct a community health assessment in rural Appalachia: a protocol.
39. **Smalls BL**, Eddens K, Schoenberg N. Evaluating health behaviors and resources using social network analysis in an Appalachia community.

**\*Indicates student or trainee**

### **ABSTRACT PRESENTATIONS**

#### Local/State/Regional Meetings

1. August 2006. **Smalls BL**, Egede LE. Development and testing of the multidimensional trust in medical care system scale. Summer Undergraduate Research Program (SURP), Research Day, Medical University of South Carolina. Charleston, SC. Poster.
2. August 2006. **Smalls BL**, Egede LE. Development and testing of the multidimensional trust in medical care system scale. Louis Stokes South Carolina Alliance for Minority Participation (LS-SCAMP) Conference, South Carolina State University. Orangeburg, South Carolina. Podium.

3. August 2007. **Smalls BL**, Egede LE. Racial/ethnic differences in complementary and alternative medicine. Summer Undergraduate Research Program (SURP) Research Day, Medical University of South Carolina. Charleston, South Carolina. Poster.
4. September 2011. **Smalls BL**, Walker RJ, Hernandez-Tejada AA, Campbell JA, Egede LE. Associations between coping, diabetes knowledge, medication adherence, and self-care behaviors in adults with type 2 diabetes. 18th Annual Diabetes Fall Symposium for Primary Health Care Professionals. Charleston, South Carolina. Poster. **3<sup>rd</sup> place awardee**, Clinical Practice Category.
5. November 2011. **Smalls BL**, Walker RJ, Hernandez-Tejada AA, Campbell JA, Egede LE. Associations between coping, diabetes knowledge, medication adherence, and self-care behaviors in adults with type 2 diabetes. 46<sup>th</sup> Annual Perry V. Haluska MUSC Student Research Day, Medical University of South Carolina. Charleston, South Carolina. Poster.
6. January 2012. **Smalls BL**, Walker RJ, Hernandez-Tejada AA, Campbell JA, Egede LE. Associations between coping, diabetes knowledge, medication adherence, and self-care behaviors in adults with type 2 diabetes. 6<sup>th</sup> Annual Department of Medicine Research Day, Medical University of South Carolina. Charleston, South Carolina. Poster.
7. September 2013. **Smalls BL**, Voronca DC, Egede LE. The Role of health literacy in African Americans with type 2 diabetes. 20th Annual Diabetes Fall Symposium for Primary Health Care Professionals, Charleston, South Carolina. Poster. **2<sup>nd</sup> place awardee**, Student/Resident/Fellows Category.
8. November 2013. **Smalls BL**, Voronca DC, Egede LE. The role of health literacy in African Americans with type 2 diabetes. 48<sup>th</sup> Annual Perry V. Haluska MUSC Student Research Day, Medical University of South Carolina. Charleston, South Carolina. Poster.
9. June 2015. **Smalls BL**, Gregory CM, Zoller JS, Egede LE. Conceptualizing the effect of community and neighborhood factors on type 2 diabetes process and health outcomes. Brigham Research Institute, Patient Centered Comparative Effectiveness Research Center. Boston, MA. Poster. **1<sup>st</sup> place awardee**.
10. November 2016. **Smalls BL**, Bardach S, Thomas LJ, Abner E, Schoenberg NE. The Impact of Multimorbidity on Disease Burden in Those with Cognitive Decline. Appalachian Translational Research Network Summit. Cincinnati, OH. Poster.
11. February 2020. **Martin N\***, **Smalls BL**. Social Network Analysis and Social Support Intervention for Rural Dwelling Older Adults with T2DM. Professional Student Mentored Research Fellowship Program, UK College of Medicine. Lexington, KY. Oral.

**\*Indicates student or trainee**

#### National/International Meetings

1. February 2016. **Davis WA\***, **Smalls BL**, Haider A, Morris M. One-sided conversations: prevalence of communication disabilities in the adult surgical population. Academic Surgical Congress (ASC). Jacksonville, FL. Podium.
2. June 2016. **Smalls BL**, Robinson AC, Haider AH, Morris MA. Social determinants of surgical disparities: towards a new research framework. AcademyHealth. Boston, MA. Poster.
3. June 2016. **Smalls BL**, Gregory CM, Zoller J, Egede LE. Conceptualizing the effect of community and neighborhood factors on type 2 diabetes process and health outcomes. AcademyHealth. Boston, MA. Poster.
4. October 2016. **Lilley EJ\***, **Olufajo OA\***, **Smalls BL**, Jiang W, Weissman JS, Haider AH, Bader AM, Cooper Z. Predictors of hospice enrollment after hospital discharge among older Medicare beneficiaries admitted with moderate and severe traumatic injuries. American College of Surgeons Clinical Congress. Washington, DC. Poster.
5. October 2016. **Lilley EJ\***, Morris MA, **Luxford JMH\***, **Changoor N\***, Bystricky A, **Smalls BL**, Weissman JS, Bader AM, Cooper Z. Taking over somebody's life: experiences of surrogate decision-

- makers in the surgical intensive care unit. American College of Surgeons Clinical Congress. Washington, DC. Podium.
6. October 2016. **Lilley EJ\***, **Cauley CE\***, Goldberg JE, **Changoor N\***, **Scott JW\***, **Smalls BL**, Weissman JS, Hepner DL, Bader AM, Cooper Z. Association between treatment and end-of-life outcomes after hospitalization for bowel obstruction among older cancer patients: a retrospective cohort study using a national population-based registry. American College of Surgeons Clinical Congress. Washington, DC. Poster.
  7. June 2017. **Smalls BL**, Bardach S, Thomas LJ, Abner E, Schoenberg NE. The Impact of Multimorbidity on Disease Burden in Those with Cognitive Decline. AcademyHealth. New Orleans, LA. Poster.
  8. December 2017. **Dawson AZ\***, Walker RJ, **Campbell JA\***, **Smalls BL**, Egede LE. Incorporating Social Determinants of Health in Diabetes Intervention Development for Indigenous People of Panamá. International Diabetes Federation, Abu Dhabi, UAE. Poster.
  9. December 2017. Walker RJ, **Dawson AZ\***, **Campbell JA\***, **Smalls BL**, Egede LE. Prevalence of Diabetes and Cardiovascular Risk Factors in Indigenous Populations. International Diabetes Federation, Abu Dhabi, UAE. Poster.
  10. December 2017. Walker RJ, **Dawson AZ\***, **Campbell JA\***, **Smalls BL**, Egede LE. Diet and Physical Activity in an Indigenous Population in Panama. International Diabetes Federation, Abu Dhabi, UAE. Poster.
  11. January 2018. **Keevan D\***, Harris C, **Smalls BL**, Bernard A. Cost Burden of and Mortality in Rural Emergency General Surgery Transfer Patients. Academic Surgical Congress. Poster.
  12. March 2018. **Aroh A\***, **Adegboyega A\***, **Smalls BL**, Hatcher J. Barriers to colorectal cancer screening in rural Appalachia communities in Kentucky. American Society of Prevention Oncology, New York, NY. Poster.
  13. May 2018. **Smalls BL**, Chung M, Moser D. Phenotype of the Rural Caregiver: Implications for Aging in America. US-Hong Kong Aging Conference. Hong Kong. Oral.
  14. June 2018. **Smalls BL**, Bardach S, Schoenberg N. The Burden of Aging with Diabetes and the Impact of Cognitive Decline. American Diabetes Association. Orlando, FL. Poster.
  15. June 2018. **Smalls BL**, Chung M, Biddle M, Lennie T, Moser D. Evaluating modifiable CVD risk factors in rural Appalachia Residents with and without Diabetes. AcademyHealth, Seattle, WA. Poster.
  16. November 2018. **Smalls BL**, Thylien I, Miller J, Moser D. Depressive symptoms, social support, and severity of heart disease in an international cohort study. Gerontological Society of America, Boston, MA. Poster.
  17. November 2018. **Smalls BL**, **Adegboyega A\***, Hatcher J. The disparities researcher Equalizing Access for Minorities (DREAM) Program: Developing health disparities researchers for the future. American Public Health Association, San Diego, CA. Oral/Panel.
  18. November 2019. **Smalls BL**, **Rutledge M\***, **Moody M\***, Cowley A. Measuring quality of life in older adults living with T2DM: A comparison with younger adults using 2015 BRFSS data. Gerontological Society of America, Austin, TX. Poster.
  19. May 2020. **Smalls BL**, Adegboyega A, Contreras O, **Palmer K\***, Hatcher J. Assessing diabetes risk factors in rural dwelling grandparent caregivers. National Rural Health Association's Health Equity Conference, San Diego, CA [virtual]. Poster.
  20. June 2020. **Smalls BL**, Contreras OA, **Palmer K\***, Hatcher J. Evaluating social support and T2D risk factors among members of rural dwelling grandparent-headed households. American Diabetes Association, Chicago, IL [virtual]. Poster.
  21. June 2021. **Smalls BL**, Lacy ME, Hieronymus L, Westgate P, **MT Azam\***, Westneat SC, Schoenberg N. Barriers to Clinic Attendance among Rural Appalachian Adults with Diabetes. Category: Epidemiology-Other. American Diabetes Association [virtual]. Poster.

22. October 2021. **Smalls BL, Martin N\***, Eddens K. Evaluating the availability of trusted health information in a rural Appalachia community using social network analysis. American Public Health Association Annual Meeting and Expo [virtual]. Poster.

\*Indicates student or trainee

### **SPONSORED RESEARCH PROJECTS, GRANT & CONTRACT ACTIVITIES**

#### **Active**

**Project Title:** *Aetna Better Health Projects*  
**Project Number:** N/A  
**Principal Investigator(s):** Brittany Smalls, PhD, MHSA  
**Role in Project:** Co-PI  
**Effort:** 10%  
**Institution/University:** University of Kentucky  
**Source of Funding:** Aetna  
**Duration of Project:** 12/31/2020-01/31/2022

**Project Title:** *Social Network Analysis and Social Support Intervention for Rural Dwelling Older Adults with T2DM*  
**Project Number:** 1K01DK116923  
**Principal Investigator(s):** Brittany Smalls, PhD, MHSA  
**Role in Project:** PI  
**Effort:** 75%  
**Institution/University:** University of Kentucky  
**Source of Funding:** National Institutes of Health/National Institute of Diabetes and Digestive, Kidney Disease  
**Duration of Project:** 01/1/2019-12/31/2023  
**Total Award:** \$611,373

**Project Title:** *Rural Intervention for Caregivers' Heart Health (RICHH)*  
**Project Number:** 1R01NR016824  
**Principal Investigator(s):** Debra Moser, PhD, RN  
**Role in Project:** Co-Investigator  
**Effort:** 10%  
**Institution/University:** University of Kentucky  
**Source of Funding:** National Institutes of Health/National Institute for Nursing Research  
**Duration of Project:** 09/1/2016-08/31/2021  
**Total Award:** \$2.6 million

**Project Title:** *Pediatric non-alcoholic fatty liver disease (NAFLD) and non-alcoholic steatohepatitis (NASH): The role of MR Elastography and AMRA fat quantification technology to determine disease severity*  
**Project Number:** N/A  
**Principal Investigator(s):** Sylvia Ofei, MD, MPH  
**Role in Project:** Co-Investigator  
**Effort:** N/A  
**Institution/University:** University of Kentucky  
**Source of Funding:** Children's Miracle Network  
**Duration of Project:** 01/1/2018-06/30/2021

**Total Award:** \$43,000

**Project Title:** *Community to Clinic Navigation to Improve Diabetes Outcomes*  
**Project Number:** 1R01DK112136  
**Principal Investigator(s):** Nancy Schoenberg, PhD, MPH  
**Role in Project:** Co-Investigator  
**Effort:** In Kind  
**Institution/University:** University of Kentucky  
**Source of Funding:** National Institutes of Health/National Institute for Diabetes and Digestive and Kidney Disease  
**Duration of Project:** 08/1/2017-07/31/2022  
**Total Award:** \$2.6 million

**Project Title:** *Diabetes Reversal Outcomes Program (DROP): An Intervention Tailored for Rural Communities*  
**Project Number:** N/A  
**Principal Investigator(s):** Brittany Smalls, PhD, MHSA  
**Role in Project:** PI  
**Effort:** 20%  
**Institution/University:** University of Kentucky  
**Source of Funding:** Vanderbilt Diabetes Research Center Pilot and Feasibility Program  
**Duration of Project:** 06/1/2020-05/31/2022

#### Pending

**Project Title:** *Older Adults Using Social Support to Improve Self-Care (OASIS): Adaption, Implementation, and Comparative Effectiveness of Two Peer Support Interventions for Older Adults with T2DM*  
**Project Number:**  
**Principal Investigator(s):** Brittany Smalls, PhD, MHSA  
**Role in Project:** Co-I  
**Effort:** 30%  
**Institution/University:** University of Kentucky  
**Source of Funding:** NIH/NIDDK  
**Duration of Project:** 04/1/2022-03/30/2027

**Project Title:** *Nursing Coaching/Remote Monitoring and Pharmacist Medication Titration for Low Income Adults with T2DM*  
**Project Number:** Large Phase Award for Comparative Effectiveness Research  
**Principal Investigator(s):** Leonard Egede, MD, MS  
**Role in Project:** Co-I  
**Effort:** 10%  
**Institution/University:** University of Kentucky (multi-site; primary site Medical College of Wisconsin)  
**Source of Funding:** PCORI  
**Duration of Project:** 08/1/2021-07/31/2026

#### COMPLETED

**Project Title:** *Mentored Health Disparities Loan Repayment Program (LRP)*  
**Project Number:** PJLG1868 (LRP Tracking Code)



**Principal Investigator(s):** Brittany Smalls, PhD, MHSA  
**Role in Project:** PI  
**Effort:** N/A  
**Institution/University:** University of Kentucky  
**Source of Funding:** National Institutes of Health/National Institute on Minority Health and Health Disparities  
**Duration of Project:** 10/1/2018-09/30/2020  
**Total Award:** \$70,000

**Unfunded**

**Project Title:** *Evaluating the Relationship between Social Networks and Social Support to Reduce Cardiovascular Risk in Older Adults with T2DM*  
**Project Number:** N/A  
**Principal Investigator(s):** Brittany Smalls, PhD, MHSA  
**Role in Project:** PI  
**Effort:** 20%  
**Institution/University:** University of Kentucky  
**Source of Funding:** American Health Association  
**Submission Year:** 2017

**Project Title:** *Assessing the Influence of Social Networks on Diabetes Self-Care in Older Rural Dwelling Adults with T2DM*  
**Project Number:** N/A  
**Principal Investigator(s):** Brittany Smalls, PhD, MHSA  
**Role in Project:** PI  
**Effort:** 20%  
**Institution/University:** University of Kentucky  
**Source of Funding:** Retirement Research Foundation  
**Submission Year:** 2018

**Project Title:** *Partnership to Improve Availability of Self-Care Education in Older Adults Living with Disabilities in Rural Kentucky*  
**Project Number:** N/A  
**Principal Investigator(s):** Brittany Smalls, PhD, MHSA  
**Role in Project:** PI  
**Effort:** 20%  
**Institution/University:** University of Kentucky  
**Source of Funding:** Administration for Community Living  
**Submission Year:** 2018

**Project Title:** *Reducing CVD Risk In Grandparent Caregivers Diagnosed with T2DM*  
**Project Number:** N/A  
**Principal Investigator(s):** Brittany Smalls, PhD, MHSA; Debra Moser, PhD, RN  
**Role in Project:** Co-PI  
**Effort:** 20%  
**Institution/University:** University of Kentucky  
**Source of Funding:** American Heart Association Collaborative Science Grant  
**Submission Year:** 2018

**Project Title:** *Project GOOD (Grandparents Optimizing Outcomes in Diabetes): Peer Mentoring among Rural-Dwelling Grandparent Caregivers to Improve T2DM Outcomes*  
**Project Number:** R01NR019503  
**Principal Investigator(s):** Brittany Smalls, PhD, MHSA; Edith Williams, PhD  
**Role in Project:** Co-PI  
**Effort:** 20%  
**Institution/University:** University of Kentucky  
**Source of Funding:** National Institutes of Health/National Institute for Nursing Research  
**Submission Year:** 2019

**Project Title:** *Caring for Grandfamilies: Evaluating the Role of Social Support in Grandparents Living with T2DM*  
**Project Number:** 1R21DK125805-01A1  
**Principal Investigator(s):** Brittany Smalls, PhD, MHSA  
**Role in Project:** PI  
**Effort:** 20%  
**Institution/University:** University of Kentucky  
**Source of Funding:** National Institutes of Health/National Institute for Diabetes and Digestive and Kidney Disease  
**Submission Year:** 2019, resubmission 2020

**Project Title:** *Evaluate the Effectiveness of a Comprehensive Family-Centered Lifestyle Modification Intervention for Pediatric NAFLD Patients*  
**Project Number:** 82231  
**Principal Investigator(s):** Sylvia Ofei, MD  
**Role in Project:** Co-Mentor  
**Effort:** 20%  
**Institution/University:** University of Kentucky  
**Source of Funding:** National Institutes of Health/National Institute for Nursing Research  
**Submission Year:** 2019

**Project Title:** *Caring for the Heart of the Home: Developing a Decision Aid to Reduce CVD Risk Factors in Grandmother Caregivers*  
**Project Number:** G08LM013793  
**Principal Investigator(s):** Brittany Smalls, PhD, MHSA  
**Role in Project:** PI  
**Effort:** 20%  
**Institution/University:** University of Kentucky  
**Source of Funding:** National Institutes of Health/National Library of Medicine  
**Submission Year:** 2020

**Project Title:** *The Culturally Tailored Diabetes Reversal Outcomes Program (DROP A1c) Preliminary Effectiveness to Reduce A1c in Rural Communities Study*  
**Project Number:** R21MD016518  
**Principal Investigator(s):** Brittany Smalls, PhD, MHSA  
**Role in Project:** PI  
**Effort:** 20%  
**Institution/University:** University of Kentucky

**Source of Funding:** National Institutes of Health/National Institute for Minorities and Health  
Disparities  
**Submission Year:** 2020

**XV. OTHER ACTIVITIES**

Not applicable.