

Curriculum Vitae

JESSICA H. WILLIAMS, PHD, MPH

540E School of Health Professions Building

1705 University Blvd

Birmingham, AL 35294-1212

Work Phone: (205) 975-2925

Work Fax: (205) 934-5980

Email: jhwilliams@uab.edu

NCBI Link to Publications: <https://www.ncbi.nlm.nih.gov/sites/myncbi/jessica.williams>

CURRENT ACADEMIC APPOINTMENT

2012-present Assistant Professor
School of Health Professions
University of Alabama at Birmingham

EDUCATION

2006-2011 **Doctor of Philosophy (Ph.D.)**
Doctorate in Health Behavior
Concentration: Health Education/Health Promotion
School of Public Health
University of Alabama at Birmingham

Dissertation Title: *“Pick It Up, Put It Down: A Grounded Theory Study of How Low Income African American Patients in the Deep South Start Smoking And Quit Smoking”*

Dissertation Committee Members: Connie Kohler, DrPH (co-chair), Nataliya Ivankova, PhD (co-chair), Andrea Cherrington, MD MPH, Thomas Houston MD MPH, and Jeroan Allison, MD MS Epi

2002-2003 **Master of Public Health (M.P.H.)**
Concentration: Epidemiology
School of Public Health
University of Alabama at Birmingham

1998-2002 **Bachelor of Arts (B.A.)**
Major: Music (Piano)
Additional Course of Study: Pre-Medicine
Department of Music
Birmingham-Southern College

SPECIALIZED TRAINING/CONTINUING EDUCATION

- 2019 **GRIT: Grant Writing Intensive Cohort**
Scientific Community of Outcomes Researchers
University of Alabama at Birmingham
- 2018-2019 **LEAD: Learn Enhance Advance Drive –Inaugural Leadership Program**
Scientific Community of Outcomes Researchers
University of Alabama at Birmingham, Birmingham, AL
- 2017-2019 **Agency for Healthcare Research and Quality (AHRQ)**
PCOR K12 Career Development Award
“Disparities in Hypertension: The Role of Perceived Discrimination in Health Care”
Center for Outcomes and Effectiveness Research and Education
Minority Health Research Center
University of Alabama at Birmingham, Birmingham, AL
- 2015-2018 **Robert Wood Johnson Foundation (RWJF)**
New Connections Scholar
”An Exploratory Study of Factors that Influence Perceived Discrimination and Hypertension Management in African Americans”
University of Alabama at Birmingham, Birmingham, AL
- 2013-2015 **Health Disparities Research Training Program**
University of Alabama at Birmingham Minority Health and Research Center
Sponsor: Deep South Network for Cancer Control
University of Alabama at Birmingham, Birmingham, AL
- 2012-2013 **Faculty Scholars Program**
University of Alabama at Birmingham Geriatric Education Center
University of Alabama at Birmingham, Birmingham, AL

PREVIOUS ACADEMIC APPOINTMENTS

- 2011-2012 **Research Associate**, Division of Clinical Immunology and Rheumatology,
University of Alabama at Birmingham, Birmingham, AL
- 2005-2011 **Research Assistant**, Division of General Internal Medicine, University of
Alabama at Birmingham, Birmingham, AL

PREVIOUS ADMINISTRATIVE APPOINTMENTS

- 2004-2005 **Assistant Program Administrator**, Jefferson County Department of Health,
Birmingham, AL

2003 **Senior Administrative Intern**, Eastern Health Center, Jefferson County
Department of Health, Birmingham, AL.

HONORS AND AWARDS

2017 Health Care Management Faculty Honoree, B.S. in Health Care Management,
University of Alabama at Birmingham

2016 Center for Healthy African American Men through Partnership (CHAAMPS)
Disparity Scholars Program, Birmingham, AL and Minneapolis, MN

2013-2015 Health Disparities Research Training Program. The University of Alabama at
Birmingham Minority Health and Research Center, Birmingham, AL. Sponsored by
the Deep South Network for Cancer Control.

2012-2013 Faculty Scholars Program. The University of Alabama at Birmingham Geriatric
Education Center, Birmingham, AL.

2009 American Legacy Foundation Travel Scholarship to Increase Diversity in the UCSF
CTCRE Tobacco Documents Workshop

2008 Inducted, Eta Sigma Gamma, Beta Chi Chapter, National Health Education Honorary

2008 UAB School of Public Health Travel Award

RESEARCH INTERESTS

Perceived Discrimination in Healthcare	Doctor-Patient Communication
Implicit Bias in Healthcare	Hypertension in African Americans
Tobacco cessation interventions	

PEER-REVIEWED PUBLICATIONS

1. McCaughey, D, McGhan, GE, **Williams, JH**, and Hearld, KR. (2018) Magnetic Work Environments: Patient Experiences and Outcomes in Magnet® vs. Non-magnet Hospitals. Health Care Management Review. (in-press)
2. **Williams JH**, Jarosek S, Carroll N, Fan Y, and Hall AG (2018) Thirty Day Hospital Readmissions after an Acute Myocardial Infarction in Black Men: Does Hospital System Affiliation Matter??. American Journal of Preventive Medicine. (in-press)
3. **Williams JH**, Coley HL, Ray MN, DeLaughter K, Sadasivam RS, and Houston TK. (2016)

Exploring online cessation counseling: Qualitative analysis of Tobacco Treatment Specialist counseling delivered via a web-based platform. *American Journal of Health Promotion*. DOI: 10.1177/0890117116670972

4. Cherrington A, **Williams JH**, Foster PP, Coley HL, Kohler CK, Allison JJ, Kiefe CI, Volkman JE, and Houston TK (2015). Narratives to Enhance Smoking Cessation Interventions among African-American Smokers, The ACCE Project. *BMC Research Notes* 8:567 DOI: 10.1186/s13104-015-1513-1
5. Baker NR and **Williams JH** (2014). Pressure Ulcer Prevention and Treatment. The Deep South CME Network, UAB Geriatric Education Center, UAB Division of CME. October 2014.
6. Ray MN, Funkhouser EM, **Williams JH**, Sadasivam RS, Gilbert GH, Coley HL, Houston TK, for the National Dental PBRN Collaborative Group (2014). Smoking Cessation e-Referrals: A National Dental Practice-Based Research Network Randomized Trial. *Am J Pub Health* Feb 46(2): 158-65. doi: 10.1016/j.amepre.2013.10.018. PMID: 24439349
7. Sadasivam RS, Hogan TP, Volkman JE, Smith BM, Coley HL, **Williams, JH**, DeLaughter K, Ray MN, Gilbert GH, Ford DE, Allison JJ, Houston TK, for The DPBRN and QUITPRIMO Collaborative Groups (2013). Implementing point of care “e-referrals” in 137 clinics to increase access to a quit smoking Internet system: the Quit-Primo and Dental PBRN HI-QUIT Studies. *Translational Behavioral Medicine*. Dec, 3(4): 370-8. doi: 10.1007/s13142-013-0230-3. PMID: 24294325
8. Ray MN, Allison JJ, Coley HL, **Williams JH**, Kohler C, Gilbert GH, Richman JS, Kiefe CI, Sadasivam RS, and Houston TK (2013). Variations in tobacco control in National DBPRN practices: The role of patient and practice factors. *Special Care in Dentistry*. Nov-Dec; 33(6): 286-93. doi: 10.1111/j.1754-4505.2012.00305.x. PMID:24164227
9. Coley HL, Sadasivam RS, **Williams JH**, Volkman JE, Schoenberger YM, Kohler CL, Sobko H, Ray MN, Allison JJ, Ford DE, Gilbert GH, Houston TK, National Dental PBRN and QUITPRIMO Collaborative Group (2013). Crowdsourced Peer- Versus Expert-Written Smoking-Cessation Messages. *Am J Prev Med* 213 Nov, 45(5): 543–550. <http://dx.doi.org/10.1016/j.amepre.2013.07.004>. PMID:24139766
10. Sadasivam RS, Kinney RL, DeLaughter K, Rao SR, **Williams JH**, Coley HL, Ray MN, Gilbert GH, Allison JJ, Ford DE, Houston TK, The National Dental PBRN And QUIT-PRIMO Collaborative Groups (2013). Who participates in web-assisted tobacco interventions? The Quit-Primo and National Dental Practice-Based Research Network Hi Quit Studies. *J Med Internet Res* 15 (5): e77. doi: 10.2196/jmir.2385. PMID:23635417
11. Edmonds SW, Wolinsky FD, Christensen AJ, Lu X, Jones MP, Roblin DW, Saag KG, Cram P, Curtis JR, Morgan SL, Outman R, Robinson BE, Schlechte JA, Solimeo SL, **Williams JH**, Wright NC, Zelman DJ (2013). The PAADRN Study: A design for a randomized controlled practical clinical trial to improve bone health. *Contemporary Clinical Trials* 34(1): 90-100. doi: 10.1016/j.cct.2012.10.002.
12. Huff-Shack J, Coley HL, Houston TK, **Williams JH**, Hubbell A, Sadasivam RS, Funkhouser E, Gilbert GH, Ray MN (2012). Dental Practice Implementation of a Point of Care Electronic Referral System for Patients Who Smoke: A Dental PBRN Study. *J Dent Hyg* 86(1): 34. PMID: 22309931

13. Sadasivam RS, Delaughter K, Crenshaw K, Sobko HJ, **Williams JH**, Coley HL, Ray MN, Ford DE, Allison JJ, Houston TK (2011). Development of an Interactive, Web-Delivered System to Increase Provider-Patient Engagement Around Smoking Cessation. *J Med Internet Res* 13 (4): e87. doi: 10.2196/jmir.1721. PMID:PMC3222193
14. Estrada CA, Safford MM, Salanitro AH, Houston TK, Curry W, **Williams JH**, Ovalle F, Kim Y, Foster P, Allison JJ (2011). A web-based diabetes intervention for physician: a cluster-randomized effectiveness trial. *Int J Qual Health Care*. 23 (6): 682-9. doi: 10.1093/intqhc/mzr053. PMID:21831967
15. **Williams JH**, Green MC, Kohler C, Allison JJ, and Houston TK (2011). Stories to Communicate Risks about Tobacco: Development of a Brief Scale to Measure Transportation into a Video Story. *Health Education Journal*, 70 (2), 182-189.
16. Salanitro AH, Safford MM, Houston TK, **Williams JH**, Ovalle F, Foster P, Allison JJ, and Estrada CA (2011). Patient Complexity and Diabetes Quality of Care in Rural Settings. *J Natl Med Assoc*, Mar 103, 234-240. PMID:21671526
17. Houston TK, Cherrington A, Coley HL, Robinson KM, Trobaugh JA, **Williams JH**, Foster PH, Ford DE, Gerber BS, Shewchuk RM, and Allison JJ (2011). The Art and Science of Patient Storytelling: Harnessing Narrative Communication for Behavioral Interventions. *J Health Commun*, Aug; 16 (7): 686-97. PMID 21541875
18. Qu H, Houston, TK, **Williams JH**, Shewchuk RM (2011). Cognitive Mapping Tobacco Control Advice for Dentistry: A Dental PBRN Study. *American Journal of Health Behavior*, Mar-Apr, 35 (2):228-39. PMID: 21204685
19. Salanitro A, Safford M, Ovalle F, Curry W, **Williams JH**, Kim Y, Estrada C, Foster PP, Houston TK, Allison JJ (2010). A CLUSTER-RANDOMIZED TRIAL OF A WEB-BASED PHYSICIAN INTERVENTION TO IMPROVE DIABETES CARE. *Journal of General Internal Medicine*, June 25: 206.
20. Houston TK, Coley HL, Sadasivam RS, Ray MN, **Williams JH**, Allison JJ, Gilbert GH, Kiefe CI, and Kohler C. (2010). Impact of Content-Specific Email Reminders on Provider Participation in an Online Intervention: A Dental PBRN Study. *Stud Health Technol Inform*, 160 (Pt. 2): 801-805. PMID:20841796
21. Foster PP, **Williams JH**, Estrada CA, Higginbotham JC, Voltz ML, Safford MM, Allison JJ (2010). Recruitment of Rural Physicians in a Diabetes Internet Intervention Study: Overcoming Challenges and Barriers. *J Natl Med Assoc*. Feb; 102, 101-107. PMID:20191922
22. Ashton CM, Houston TK, **Williams JH**, Larkin D, Trobaugh J, and Wray NP (2009). A stories-based interactive DVD intended to help people with hypertension achieve blood pressure control through improved communication with their doctors. *Patient Education and Counseling*, doi: 10.1016/j.pec.2009.09.021. PMID:19833472
23. Safford MM, Shewchuk R, Qu H, **Williams JH**, Estrada CA, Ovalle F, and Allison JJ (2007). Reasons for not intensifying medications: differentiating "clinical inertia" from appropriate care. *J Gen Int Med*. Dec; 22(12), 1648-55. PMID:17957346

24. **Williams JH**, Allison JJ, Foster PP, Green MC, Kohler C, Richman JS, and Houston TK (2007). IMPACT OF AN INTERACTIVE DVD OF “STORIES TO COMMUNICATE RISK ABOUT TOBACCO” ON PATIENT QUIT PLANS – A RANDOMIZED TRIAL. *Annals of Behavioral Medicine*, December 33: S214.

MANUSCRIPTS IN PROCESS

1. **Williams, JH**, Tajeu G, Stepanokova I, Juarez L, Agne A, Stone J, Cherrington A. Perceived Discrimination in Public and Private Primary Care Clinics.
2. **Williams JH**, Weech-Maldonado R, Miller MJ, Chen L, Lord JC, Outman R, and Saag K. The Role of Patient Expectations in Provider Communication.
3. **Williams JH**, Cherrington A, Kohler CK, Ivankova N, Houston TK, and Allison JJ. Pick It Up, Put It Down: A Grounded Theory Study of Smoking Initiation and Use among African Americans in the Deep South.
4. **Williams JH**, Cherrington A, Kohler CK, Ivankova N, Houston TK, and Allison JJ. Pick It Up, Put It Down: A Grounded Theory Study of Smoking Cessation Approaches and Techniques among African Americans in the Deep South.
5. **Williams JH**, Opoku-Agyeman W, Cochran R, Weech-Maldonado R, Hall AG, and Cherrington A. Impact of Length of Continuity of Care and Physician Trust on Medication Adherence in Urban African Americans with Hypertension.
6. **Williams JH**, Cherrington A, Safford M. Patient Activation and Perceived Discrimination in Rural African Americans with Hypertension.
7. Sadasivam RS, Kamberi A, DeLaughter K, Phillips B, **Williams JH**, Coley H, Cutrona SL, Hubbell A, Ray MN, Gilbert GH, Houston TK. Analysis of Secure Online Communications between Smokers and Tobacco Treatment Specialists Online: Results from a Web-Assisted Tobacco Intervention.

CONFERENCE ORAL PRESENTATIONS

1. McCaughey, D, McGhan, GE, **Williams, JH**, and Hearld, KR (2017) “Magnetic Work Environments: Patient Experiences and Outcomes in Magnet® vs. Non-magnet Hospitals.” Accepted as oral presentation at the Southern Management Association annual meeting in St. Petersburg Beach, FL.
2. **Williams JH**, Hall AG, Jarosek SJ, Fan Y (2017). "Thirty Day Hospital Readmissions after an Acute Myocardial Infarction in African American Men: Does Hospital System Affiliation Matter?." Accepted as an oral presentation at the 2017 Interest Groups Meeting of Academy Health annual meeting in New Orleans, LA.
3. **Williams, JH** (2014). A Hands-On Approach to Teaching Research Methods for Undergraduate Students. Accepted as an oral presentation at the 2014 Association of University Programs in Health Administration annual meeting in San Antonio, TX.

4. **Williams JH**, Kohler CK, Ivankova N, Houston TK, and Allison JJ (2014). Pick It Up, Put It Down: A Grounded Theory Study of How Low Income African American Patients in the Deep South Start Smoking and Quit Smoking. Accepted as an oral presentation at the 2014 UAB Health Disparities Research Symposium in Birmingham, AL.
5. Houston T, Coley H, Sadasivam R, Ray M, **Williams J**, Allison J, Gilbert G, Kiefe C, Kohler C, DPBRN Collaborative Group (2010). Impact of content-specific email reminders on provider participation in an online intervention: A Dental PBRN study. Oral presentation at 13th World Congress on Medical and Health Informatics in Cape Town, South Africa.
6. Ray MN, Sobko HJ, **Williams JH**, Coley HL, Sadasivam R, Ford D, Houston TK (2010). Development of tailored, tobacco cessation, email messages for communication with smokers participating in a randomized controlled trial. Oral presentation at the American Public Health Association Annual Meeting in Denver, CO.
7. Estrada CA, Salanitro A, Safford MM, Curry W, **Williams JH**, Ovalle F, Foster PP, Kim Y, Houston TK, Allison JJ (2010). A Cluster-Randomized Trial of a Web-Based Physician Intervention to Improve Diabetes Care. Oral presentation at the Southern Society of General Internal Medicine Annual Meeting in New Orleans, LA, *J Invest Med* 2010; 58:501.
8. Salanitro A, Safford MM, Houston TK, **Williams JH**, Ovalle F, Allison JJ, and Estrada CE (2008). Is patient complexity associated with physician performance on diabetes measures? Oral presentation and Lipkin Award Finalist at the 31st Society of General Internal Medicine Annual Meeting in Pittsburgh, PA
9. Houston T, **Williams J**, Emiola J, and J Allison (2006). Using tobacco cessation “stories” from low-income patients to develop targeted interventions: The ace project. Oral presentation at the Society for Research on Nicotine and Tobacco Annual Meeting in Orlando, FL

CONFERENCE POSTER PRESENTATIONS

1. Richardson NM, **Williams JH**, and Cherrington A (2015). “UAB Health Disparities Bootcamp: Inspiring the next generation of culturally competent medical students.” Accepted as a poster presentation at the 2015 Research and Innovation in Medical Education (RIME) Poster Session at the Research and Innovation in Medical Education (RIME) Week Education Summit at the UAB School of Medicine in Birmingham, Alabama.
2. **Williams JH**, Kohler CK, Ivankova N, Houston TK, and Allison JJ (2014). Pick It Up, Put It Down: A Grounded Theory Study of How African American Patients in the Deep South Start Smoking and Quit Smoking. Accepted as a poster presentation at the 2014 Society of Behavioral Medicine annual meeting in Philadelphia, PA.
3. **Williams JH**, Veasey E, Allen A (2013). Development of a Survey to Assess Doctor-Patient Communication and Patient Expectations in a Community-Based Health Center Serving Low Income Patients: An Honors Student Project. Accepted as a poster presentation at the 2013 Association of University Programs in Health Administration annual meeting in Monterrey, CA.

4. Ray MN, Funkhouser E, **Williams JH**, Coley HL, Sadasivam RS, Gilbert GH, Houston TK, for the National DPBRN Collaborative Group. (2012) Randomized trial of referral to a web-assisted tobacco intervention—impact on patient participation and intervention-assisted smoking cessation: A National Dental PBRN Study. Accepted as a poster presentation at the 2013 Society of Behavioral Medicine annual meeting in San Francisco, CA.
5. **Williams, JH.** (2012) Cigarette Smoking Among African Americans and Whites: Do Older Adults Quit Smoking? Accepted as a poster presentation at the 2012 UAB Aging Symposium in Birmingham, AL.
6. Ray M, Funkhouser E, **Williams JH**, Coley HL, Sadasivam RS, Gilbert GH, DeLaughter K, Houston TK, for the DPBRN Collaborative Group. (2012) Comparison of paper referrals versus e-referrals of patients to a web-assisted tobacco intervention in dental practices: A Dental PBRN Study. Accepted as a poster presentation at the 2012 American Public Health Association annual meeting in San Francisco, CA.
7. Ray M, Funkhouser E, **Williams JH**, Coley HL, Gilbert GH, Sadasivam R, Rindal DB, Schafhauser M, Houston TK. (2012) Hygienists' Internet Tobacco Cessation Randomized Controlled Trial (RCT): Dental PRBN Study. Accepted as a poster presentation at the Midwest Region of the National Dental Practice-Based Research Network Symposium: Evidence-based Decision Making for the Dental Team, Bloomington, MN.
8. **Williams JH**, Coley HL, Ray MN, DeLaughter K, Kohler C, Sadasivam R, Houston TK (2011). Who uses web-based smoking cessation counselors? The Quit Primo and Dental PBRN Studies. Accepted as a poster presentation at the 2011 Society of Behavioral Medicine annual meeting in Washington, D.C.
9. Sadasivam RS, DeLaughter K, **Williams JH**, Coley HL, Sobko HJ, Ray MN, Houston TK (2011). Clinician e-Referrals to an online smoking cessation system: impact of message framing on patient registration: The Quit Primo and Dental PBRN Studies. Accepted as a poster presentation at the 2011 Society of Behavioral Medicine Annual meeting in Washington, D.C.
10. Estrada CA, Salanitro A, Safford MM, Curry W, **Williams JH**, Ovalle F, Foster PP, Kim Y, Houston TK, Allison JJ (2010). A Cluster-Randomized Trial of a Web-Based Physician Intervention to Improve Diabetes Care. Poster presentation at the Society of General Internal Medicine Annual Meeting in Minneapolis, MN.
11. Coley HL, **Williams JH**, Ray MN, Kohler CL, Allison JJ, Ford DE, Sadasivam RS, Houston TK (2010). Smokers helping smokers: Development of a message database to help current smokers quit. Poster presentation at the 31st Society of Behavioral Medicine Annual Meeting in Seattle, WA.
12. Foster PP, **Williams JH**, Estrada CA, Higginbotham JC, Voltz ML, Safford MM, Allison JJ (2009). Recruitment of Rural Physicians in a Diabetes Internet Intervention Study: Overcoming Challenges and Barriers. Poster accepted to the University of Alabama Rural Health Conference in Tuscaloosa, AL
13. Estrada CA, Safford MM, Curry W, Houston TK, **Williams J**, Ovalle F, Allison JJ (2009). Using patient complexity to inform physician profiles in the pay-for-performance era. Poster accepted to the 32nd Society of General Internal Medicine Annual Meeting in Miami Beach, FL

14. Ray MN, Richman JS, Gilbert GH, Allison JJ, Kiefe CI, Coley HL, **Williams JH**, and Houston TK (2009). Variation in tobacco control in Dental PBRN practices: What matters most? Poster accepted to the 30th Society of Behavioral Medicine Annual Meeting in Montreal, Quebec
15. Estrada CA, Safford MM, Curry W, Houston TK, **Williams J**, Ovalle F, Allison JJ (2009). Using patient complexity to inform physician profiles in the pay-for-performance era. Poster accepted to the UAB Health Disparities Research Symposium in Birmingham, AL
16. Safford MM, Houston TK, Estrada CE, **Williams JH**, Salanitro A, Ovalle F, Kiefe C, and Allison JJ (2008). How much physician is there to profile? Patient complexity and quality of care measurement. Poster accepted to the 31st SGIM Annual Meeting in Pittsburgh, PA
17. Salanitro A, Safford MM, Houston TK, **Williams JH**, Ovalle F, Allison JJ, and Estrada CE (2008). Is patient complexity associated with physician performance on diabetes measures? Poster presentation at the University of Alabama Rural Health Conference in Tuscaloosa, AL
18. **Williams JH**, Green MC, Houston TK, and Allison JJ (2008) . Stories to Communicate Risks about Tobacco: An Exploratory Factor Analysis of a Scale to Measure Transportation into a Story. Poster accepted to the 29th Society of Behavioral Medicine Annual Meeting in San Diego, CA
19. **Williams JH**, Allison JJ, Payne-Foster P, Green MC, Kohler C, Richman J, and TK Houston (2007). Impact of an Interactive DVD of “Stories to Communicate Risk about Tobacco” on participants’ plans for quitting – a randomized trial. Poster presented at the Eighth Annual Rural Health Conference in Tuscaloosa, AL
20. **Williams JH**, Allison JJ, Payne-Foster P, Green MC, Kohler C, Richman J, and TK Houston (2007). Impact of an Interactive DVD of “Stories to Communicate Risk about Tobacco” on participants’ plans for quitting – a randomized trial. Poster presented at the Society for Behavioral Medicine Annual Meeting in Washington, DC
21. Houston T, **Williams J**, Emiola J, and J Allison (2006). Using tobacco cessation “stories” from low-income patients to develop targeted interventions: The ace project. Poster presentation at the Society for Behavioral Medicine Annual Meeting in San Francisco, CA
22. Montgomery ME, Ray MN, **Williams JH**, Allison JJ, Gilbert GH, Kiefe CI, and TK Houston (2006). Patient and practice-level factors associated with receipt of tobacco use screening and cessation advice in dental practices. Poster presented at the Society for Research on Nicotine and Tobacco Annual Meeting in Orlando, FL

RESEARCH SUPPORT (Aggregate Total Funding: \$39.6M)

Ongoing Research Support

PCOR K12 5K12HS023009-04 Saag (PI); **Williams (Study PI)**
\$296,606

11/01/2018-08/31/2019

Disparities in Hypertension: The Role of Perceived Discrimination

This project explores how patient factors and provider behaviors influence perceptions of discrimination within the clinical encounter.

Role: Principal Investigator

Responsibilities include study design, implementation, and dissemination of findings, as well as protected time for career development.

5UH3HL130691-04
\$5,195,149

Safford (PI); Cherrington (Site PI) 05/01/2017-04/30/2021

Collaboration to Improve Blood Pressure (BP) in the US Black Belt-Addressing the Triple Threat

Pragmatic clinical trial designed to improve blood pressure control in rural AL and NC, testing two approaches: peer coaching and practice facilitation

Role: Co-investigator

Responsibilities include implementation of an ancillary study

UAB Dept. Health Services Admin
\$14,080

Williams (PI)

04/30/2017-04/29/2019

Unconscious Bias Simulation Study

This study will develop an unconscious bias simulation through the UAB Division of eLearning and Professional Development.

Role: Principal Investigator

Responsibilities include study design, implementation, and dissemination of findings

1R01HS023345-01
\$1,249,873

Weech-Maldonado (PI) 09/30/2014-09/29/2019

Performance of High Medicaid Nursing Homes – Contextual and Management Factors

The proposed study will focus on the role of structural, market, and management factors in explaining quality and financial performance variations among nursing homes with high Medicaid census (>85%). Using a mixed methods approach, our study will address the following research aims: 1) Examine the structural and market factors associated with high performance among nursing homes with high Medicaid census. 2) Examine the association of management factors (leadership style, strategic orientation, HRM practices, and knowledge management) with high performance among nursing homes with high Medicaid census. 3) Examine whether nursing staff turnover mediates the relationship between management factors (leadership style and HRM practices) and performance among these nursing homes. 4) Explore how and why the factors tested in Specific Aims 1-3 may influence high performance from the perspectives of nursing staff and nursing home management.

Role: Investigator

Responsibilities include study design, implementation and dissemination.

Completed Research Support

Robert Wood Johnson Foundation
\$99,000

Williams (PI)

09/01/2015-08/31/2018

An Exploratory Study of Factors that Influence Perceived Discrimination and Hypertension Management in African Americans

This study will address the following aims: 1. To explore factors that influence perceived discrimination and medication adherence in hypertensive blacks. 2. To explore how individual instances of perceived discrimination affect medication adherence in hypertensive blacks.

Role: Principal Investigator

Responsibilities include study design, implementation, and dissemination of findings

R21HL113746
\$388,665

Cherrington (PI)

11/13/2013-11/13/2017

An Intervention to Address Racial Bias in Non-Physician Healthcare Staff

The specific aims for this pilot project are: 1) To engage an advisory group of non-physician healthcare staff and use participatory research methods to develop a theory-driven, internet-facilitated intervention to address racial bias; 2) To pilot test strategies for recruiting non-physician healthcare staff to participate in a randomized trial; 3) To pilot test the intervention in 10 groups of non-physician healthcare staff to assess feasibility and acceptability, and to pilot assessments of staff cultural competency, patient-reported perceived discrimination, and clinic-reported visit adherence.

Role: Investigator

1R15AG049344-01 Hearld (Co-PI), Weech-Maldonado (Co-PI) 05/15/2015-04/30/2017
\$355,374

Disparities in Avoidable Hospitalizations of Aging Adults-Health System Factors

This study will address the following aims: 1: To examine the changes in two indicators of hospitals' population health activities - community orientation and health promotion services - over time and assess whether these changes vary as a function of different types of hospitals. 2: To explore whether changes in community orientation and health promotion services are differentially associated with potentially avoidable ACSH rates for different racial/ethnic groups among older adults. 3: To analyze whether the relationship between community orientation, potentially avoidable ACSH rates is mediated by the level of health promotion and whether this mediational influence differs for different racial/ethnic groups among older adults. 4: Strengthen the capacity of the Department of Health Services Administration (HSA) to conduct high-impact research on health services for minority aging through mentoring of undergraduate and graduate faculty and students.

Role: Investigator

Responsibilities include study design, implementation and dissemination.

5R01CA129091-02 Houston (PI) 04/11/08-06/30/13
\$1,849,972

QUIT-PRIMO: Web-Delivered Clinical Microsystem Intervention for Tobacco Control

Randomized trial to test an integrated, patient-centered Internet-delivered intervention to facilitate provider referral of patients to an online smoking cessation self-management system and facilitate patient requests for treatment and follow-up from providers.

Role: Investigator

Responsibilities include developing website content; planning and developing the intervention; managing the study listserv; serving as tobacco treatment specialist for patients; serving as consultant for tobacco treatment related study content; manuscript writing; coordinating and facilitating grant-related meetings; liaison between Principal Investigators and other grant staff; grant writing and preparation

1T32HS019463-01 Saag (PI) 07/01/10-06/30/13
\$3,533,557

UAB-VA Health Services Research/Comparative Effectiveness Research Training Program

T32 training program funded by AHRQ.

Role: Program Coordinator

Responsibilities include website design and development; program evaluation; develop mentor training manual; core competency development; seminar planning.

1000827505 Cram (PI); Saag (Site PI) 04/01/10-03/31/12
\$4,463,515

PAADRN: A patient activation intervention to enhance bone health in older adults

A multi-center randomized controlled trial to examine the impact of a patient activation intervention on bone-related quality of care in adults undergoing DXA screening.

Role: Project Manager

coordinating and facilitating grant-related meetings; Nominal Group Technique data synthesis; reimbursement of study participants

2P60MD000502-05
\$268,423

Ashton (PI)

07/01/07-06/30/08

A Culturally Appropriate Interactive DVD to Help Patients to Learn to Talk to Their Doctors about Hypertension

Randomized controlled trial to evaluate whether an intervention designed to teach patients how to communicate more effectively about their high blood pressure and its treatment during the medical interaction leads to better blood pressure control.

Role: Research Assistant/Project Manager

Responsibilities include managing the recruitment and retention of community members for focus groups and actors for participation in the DVD; preparing reports of study participation; DVD content development; IRB amendments, addendums, and renewals; narrator for tobacco-cessation DVD; manuscript writing; conducting focus groups; reimbursement of study participants; marketing and advertising for recruitment with local media outlets

5R18DK65001-04
\$1,569,171

Allison (PI)

05/01/05-04/30/08

Internet Intervention for Improving Rural Diabetes Care

Randomized trial of an Internet-based intervention to promote evidence-based care for adult patients with type 2 diabetes living in rural Alabama.

Role: Project Manager

Responsibilities include collecting, compiling, and tracking databases; summarizing and reporting data; adjudicating, synthesizing, and reporting data from medical record abstraction; overseeing medical record collection and abstraction progress; organizing and retrieving web-based data; coordinating incoming data; ensuring data entry is complete and accurate; overseeing development of a tracking system; managing the recruitment and retention of practicing physicians for study involvement; managing recruitment of practicing physicians for nominal group technique sessions; NIH annual grant renewals; IRB amendments, addendums, and renewals; interviewing and supervising student research assistants; manuscript writing; content development and editing of an online intervention; coordinating and facilitating grant-related meetings; liaison between Principal Investigators and other grant staff; development of chart abstraction tool (MedQuest); Nominal Group Technique data synthesis; reimbursement of study participants

HRSA
\$100,000

Fleenor (PI)

01/01/04-02/28/05

Jefferson County Community Access Program Grant

Grant program to improve access to health services for low income patients in Jefferson County, AL

Role: Assistant Program Administrator

Responsibilities included development of project plan, logic model and strategic plan; provided community planning services; organized and scheduled meetings in relation to marketing, health promotion, and community planning activities; served as point of contact for external organizations for questions regarding community partner participation; assisted in training certification for the Jefferson County Department of Health Eligibility System; provided consultation of program activities, including long-term sustainability, grant application renewal, community planning activities, marketing, evaluation and program goals and objectives; co-chaired a planning committee for health care summit events, including a Youth Forum and Health Fair; researched community statistics and prepared reports

TEACHING INTERESTS

Research Methods	Population Health/Epidemiology
Health Disparities	Aging

TEACHING CURRICULUM/COURSE DEVELOPMENT

University of Alabama at Birmingham, School of Health Professions, Department of Health Services Administration

2015-present	Essentials of Health and Human Disease 600-level course Master of Science in Health Administration School of Health Professions University of Alabama at Birmingham
2015	Essentials of Health and Human Disease 600-level course Executive Master of Health Science in Health Administration Program School of Health Professions University of Alabama at Birmingham
2012-present	Research Methods 400-level course Bachelor of Science in Healthcare Management Program School of Health Professions University of Alabama at Birmingham
2012-2018	Managerial Epidemiology 300-level course Bachelor of Science in Healthcare Management Program School of Health Professions University of Alabama at Birmingham
2012-2015	Biopsychosocial Factors of Aging 400-level course Bachelor of Science in Healthcare Management Program School of Health Professions University of Alabama at Birmingham

INVITED LECTURES

- 2019 Implicit Bias. Academy for Addressing Health Disparities through Health Care Leadership. School of Health Professions, University of Alabama at Birmingham.
- 2019 Does Culture Matter in the Workplace. NAHSE Birmingham Regional Chapter Professional Development Series, Birmingham, AL.
- 2019 Unconscious Bias in Healthcare: Looking Back and Moving Forward. Jacksonville State University, Jacksonville, AL.
- 2019 Unconscious Bias in Healthcare: Looking Back and Moving Forward. Albert Schweitzer Fellowship, University of Alabama at Birmingham.
- 2019 Disparities in Hypertension: The Role of Perceived Discrimination in Health Care. Doctoral Continuing Seminar, School of Health Professions, University of Alabama at Birmingham.
- 2019 Unconscious Bias in Healthcare, Pizza & Perspective presentation, School of Medicine, University of Alabama at Birmingham.
- 2018 Diversity, Equity, and Inclusion, Quality Academy, School of Health Professions, University of Alabama at Birmingham.
- 2018 Measuring Implicit Bias, Research Methods and Secondary Data Analysis Seminar, Minority Health and Research Center, University of Alabama at Birmingham.
- 2018 Diversity and Inclusion Training, Foundations Early Learning Center, Birmingham, AL.
- 2018 Diversity and Inclusion, Say It In 7, 38th UAB National Symposium for Healthcare Executives, Destin, FL.
- 2018 Disparities in Hypertension: The Role of Perceived Discrimination in Health Care, Coordinated Works in Progress (WIP) Seminars in Health Services, Outcomes, and Policy Research, University of Alabama at Birmingham.
- 2017 Unconscious Bias in Healthcare, Q Commons Birmingham, Birmingham, AL.
- 2017 Implicit Bias, Pizza & Perspective presentation, School of Medicine, University of Alabama at Birmingham.
- 2016 “Unconscious Bias,” Interpersonal Communication: Interviewer Skills-building via Community Collaboration, UAB School of Medicine.

- 2015 “Health Disparities Panel Discussion,” Student National Medical Association, UAB School of Medicine.
- 2015 “Overview of RWJF Grant ‘An Exploratory Study of Factors that Influence Perceived Discrimination and Hypertension Management in African Americans,’ UAB School of Health Professions.
- 2015 “Health Care Disparities and Implicit Bias,” Learning Communities Program, UAB School of Medicine.
- 2015 “Implicit Bias Simulation and Recognizing Privilege Discussion,” Health Disparities for Medical Students, UAB School of Medicine, UAB School of Medicine Office of Diversity and Multicultural Affairs, UAB Minority Health and Health Disparities Research Center.
- 2015 “Building Confidence as a New Professor,” Professional Development Seminar for Doctoral Students, School of Health Professions, University of Alabama at Birmingham.
- 2015 “Implicit Bias Research,” Doctoral Seminar, School of Health Professions, University of Alabama at Birmingham.
- 2013 Implicit Bias, Pizza & Perspective presentation, School of Medicine, University of Alabama at Birmingham.
- 2013 Implicit Bias, Tooth & Truth presentation, School of Dentistry, University of Alabama at Birmingham.
- 2012 “Quitting Smoking: New Year, New You,” Lunch and Learn presentation, Healthsmart, Department of Preventive Medicine, University of Alabama at Birmingham.
- 2011 “Evaluation Question Hypotheses,” Guest lecture, Health Program Evaluation Course, School of Public Health, University of Alabama at Birmingham, Birmingham, AL
- 2007 “Health Communication,” Guest lecture, Social and Behavioral Sciences Core Course, School of Public Health, University of Alabama at Birmingham, Birmingham, AL

STUDENT MENTORING ACTIVITIES

- 2017 Rachel Wisniewski, “Clostridium Difficile Infection Literature Review,” UAB Honors College, University of Alabama at Birmingham.
- 2016-2017 Urvi Patel, “Influenza Vaccine Coverage in Long-Term Care Facilities,” Undergraduate Honors Program, Health Care Management Degree Program, University of Alabama at Birmingham.

- 2016-2017 Kendall Pierce, “Disparities in STD Prevalence,” Undergraduate Honors Program, Health Care Management Degree Program, University of Alabama at Birmingham.
- 2015-2017 Jasmine Duncan, “Breast Cancer Disparities in African American Women,” Undergraduate Honors Program, Health Care Management Degree Program, University of Alabama at Birmingham.
- 2015-2016 Shelby Wallace, “Hospital Community Orientation and ACSH Rates,” Undergraduate Honors Program, Health Care Management Degree Program, University of Alabama at Birmingham.
- 2014-2015 Brad Pickel, “Smoking Cessation in Low Income African Americans,” Undergraduate Honors Program, Health Care Management Degree Program, University of Alabama at Birmingham.
- 2014 Seda Karsavuran, “Provider Communication and Trust: The Role of Patient Expectations,” Turkish Summer Exchange Student, University of Alabama at Birmingham.
- 2014 Victoria Enyinda, “Effects of Perceived Discrimination on Provider Trust in African American and Hispanic Mothers,” Minority Health Resource Center Summer Enrichment Program, University of Alabama at Birmingham.
- 2014 Anne Caroline Durena, Jared Fitzpatrick, Fiona Douglas, Favel Mondesir, Suean Fontenard, George Coricor, “Developing Tobacco Control Strategies for the North Sumatra Province of Indonesia,” Global Health Case Competition, Sparkman Center for Global Health, University of Alabama at Birmingham. Third Place Ribbon-Award.
- 2014 Jennifer Dingle, Alison Allen, Clair Sharp, Cassie Talley, Megan Battles, “Sexual Violence: A Societal Issue”, Wicked Case Competition, School of Public Health, University of Alabama at Birmingham. Second Place Ribbon-Award.
- 2013-2014 Megan Battles, “Survey Analysis to Assess Doctor-Patient Communication and Patient Expectations in a Community-Based Health Clinic” Undergraduate Honors Program, Health Care Management Degree Program, University of Alabama at Birmingham.
- 2013-2014 Alison Allen, “Differences in Smoking Cessation by Race/Ethnicity and Health Insurance Status” Undergraduate Honors Program, Health Care Management Degree Program, University of Alabama at Birmingham.
- 2012-2013 Elizabeth Veasey, “Development and Implementation of a Survey to Assess Doctor-Patient Communication and Patient Expectations in a Community-Based Health Clinic Serving Low Income Patient.” Undergraduate Honors Program, Health Care Management Degree Program, University of Alabama at Birmingham. Third Place ribbon at Honors Program.
- 2012-2014 Alison Allen, “Development of a Survey to Assess Doctor-Patient Communication and Patient Expectations in a Community-Based Health Clinic Serving Low Income Patients.” Undergraduate Honors Program, Health Care Management Degree Program, University of Alabama at Birmingham

MEDIA COVERAGE

July 21, 2016: The UAB School of Health Professions Instructional Support Services covered my innovative teaching method, the PechaKucha technique.

<https://www.uab.edu/shp/iss/17-faculty-spotlight/114-faculty-spotlight-jessica-williams>

November 4, 2015: The Franklin County Times covered my receipt of the Robert Wood Johnson Foundation New Connections grant.

<https://www.franklincountytimes.com/2015/11/04/uab-assistant-professor-get-100k-grant/>

September 24, 2015: The UAB School of Health Professions News covered my receipt of the Robert Wood Johnson Foundation New Connections grant.

<https://www.uab.edu/shp/home/shpnews/915-williams-earns-grant-to-study-perceptions-of-discrimination-in-health-care>

August 28, 2014: The UAB School of Health Professions News covered my appointment to the Hope Health Center Board of Directors.

<https://www.uab.edu/shp/home/shpnews/748-williams-hope-health-center-board>

UNIVERSITY LEADERSHIP AND SERVICE

University of Alabama at Birmingham

- **Member**, UAB Faculty Affairs Committee Undergraduate Research Committee (2018-present)
- **Reviewer**, Health Disparities Research Training Program Grant Writing Retreat (2017)
- **Member**, Faculty Search Committee, Health Care Management Program, Department of Health Services Administration, University of Alabama at Birmingham (2016-2017)
- **Member**, Student Affairs Committee, School of Health Professions, University of Alabama at Birmingham (2016-present)
- **Member**, Honors Program Admissions Committee, School of Health Professions, University of Alabama at Birmingham (2016)
- **Panel Member**, University of Alabama School of Medicine Student National Medical Association (2015)
- **Scientific Poster Judge**, UAB Minority Health and Health Disparities Center Annual Meeting, Birmingham, AL (2014-present)
- **Member**, Lister Hill Library User Advisory Board, University of Alabama at Birmingham (2014-2015)
- **Mentor**, UAB Global Health Case Competition (2014)
- **Mentor**, UAB Minority Health Resource Center Summer Enrichment Program (2014)
- **Reviewer**, Health Disparities Research Training Program Grant Writing Retreat (2014)
- **Member**, Health Services Administration Infrastructure Research Subcommittee (2013-present)
- **Member**, Health Services Administration Faculty Search Committee, Master of Science in Health Administration Program Faculty, Department of Health Services Administration, School of Health professions, University of Alabama at Birmingham (numerous openings 2013-2015)

- **Mentor**, University of Alabama at Birmingham School of Health Professions Honors Program (2012-2017)
- **Member**, Health Care Management Advisory Board (2012-present)
- **Member**, Health Services Administration Department Research Committee (2012-present)

NATIONAL LEADERSHIP AND SERVICE

- **Reviewer**, Society of Behavioral Medicine Annual Meeting and Scientific Sessions, 2016, 2018.
- **Panel Moderator**, “Becoming Accountable: Achieving Success in Population Health,” UAB 36th National Symposium for Healthcare Executives, 2016.
- **Reviewer**, Disparities and Health Equity Review Group, AcademyHealth Annual Research Meeting, 2015.
- **Panel Facilitator**, “The Impact Of ACA: How Readmissions Penalties Will Affect the Healthcare Executive’s Mission,” UAB 35th National Symposium for Healthcare Executives, 2015.

PROFESSIONAL ASSOCIATIONS

- American Public Health Association, 2016-present
- AcademyHealth, 2016-present
- Association of University Programs in Health Administration (AUPHA), 2012-present
- Society of Behavioral Medicine (SBM), 2007-2009; 2013-present

AD-HOC REVIEWER

Peer-Reviewed Journals (2015-present)

- Journal of Health Disparities Research and Practice
- Health Education Research Journal
- Medical Care
- Journal of Health Administration Education
- Obesity Journal

Grant/Proposal Reviewer

- Transformative Research Seed Grants, Clemson University Greenville Hospital System Office of Philanthropy, 2018.
- Research Projects on Disparities in African American Men's Health throughout the Life Course (RFA-CHAAMPS-16-001), Center for Healthy African American Men through Partnerships (CHAAMPS), 2017.
- Transformative Research Seed Grants, Clemson University Greenville Hospital System Office of Philanthropy, 2015.

- Palliative Research Enhancement Project (PREP) Award, University of Alabama at Birmingham Health System, 2015.
- Institute for Advancement of Health Care (IAHC) Seed Grant Program in Comparative Effectiveness Research, Clemson University and Greenville Hospital System, 2012.

PUBLIC & COMMUNITY SERVICE AFFILIATIONS

- **Volunteer**, Habitat for Humanity, Birmingham, AL (2016)
- **Speaker**, Career Day, Cornerstone Schools, Birmingham, AL (2016)
- **Board Member**, Hope Health Center, Fairfield, AL (2014-2017)
- **Mentor**, Aspire Movement, Birmingham, Alabama (2014)

CERTIFICATIONS

2009 Certified Tobacco Treatment Specialist (C.T.T.S)