

UNIVERSITY OF KANSAS SCHOOL OF MEDICINE
FACULTY CURRICULUM VITAE

I. PERSONAL DATA

Name: Tracie C. Collins, MD, MPH, MHCDS
 Current Academic Rank: Chair and Endowed Professor
 Department(s): Preventive Medicine and Public Health (Primary appointment)
 Internal Medicine (Secondary appointment)

Office Address:
 University of Kansas School of Medicine-Wichita
 Department of Preventive Medicine and Public Health
 1010 North Kansas
 Wichita, Kansas 67214-3199

PROFESSIONAL DEVELOPMENT**Undergraduate and Graduate Education:**

<u>Years</u>	<u>Degree</u>	<u>Institution</u>
1989	Bachelor of Science, Chemistry	University of Central Oklahoma
1993	Doctor of Medicine	University of Oklahoma College of Medicine
1997	Master of Public Health	Harvard School of Public Health
2018	Master of Health Care Delivery Science	Dartmouth College

Postgraduate Education:

<u>Years</u>	<u>Area of Study</u>	<u>Institution</u>
February 2006	Formal Sabbatical leave: Vascular Medicine Clinical Sabbatical Leave	University of Oklahoma, College of Medicine, Cardiology (Clinical mentors – Drs. Thomas Whitsett and Suman Rathbun)
2004	Design and Conduct of Randomized Clinical Trials Involving Behavioral Interventions	Fellow NIH Summer Institute
1996-1998	Clinical and Research Fellowships in Ambulatory Care and General Internal Medicine	Harvard Affiliated Hospitals, Brockton/West Roxbury Veterans Affairs Medical Center, Boston, MA
1993-1996	Internship and Residency in Internal Medicine	University of Oklahoma College of Medicine, Tulsa (St. Francis Hospital, Saint John Hospital, Hillcrest Medical Center, Muskogee Veterans Hospital) Tulsa, OK

Academic and Professional Appointments and Activities:

<u>Years</u>	<u>Position</u>
2011-Present	Chair and Professor of Preventive Medicine and Public Health
2011-Present	Kansas Health Foundation Distinguished Professor in Public Health
2011-Present	Professor of Internal Medicine, Kansas University School of Medicine-Wichita
2009-2011	Co-Leader, Primary Care Research Consortium, University of Minnesota
2006-2011	Associate Professor of Medicine, University of Minnesota (with tenure)
1998-2006	Assistant Professor of Medicine, Baylor College of Medicine, Houston
1998-2005	Director General Internal Medicine Consult Service, Michael E. DeBakey VA Medical Center, Houston
1997-1998	Clinical Instructor, Harvard Medical School
1990	Research Assistant Endocrinology Department, University of Oklahoma Health Sciences Center

Academic Administrative Appointments

2009-2011	Co-Director, Research Core, University of Minnesota, Center for Health Equity
1992-1993	Admission Board Member, University of Oklahoma, Col

Professional Registration/Licensure:

<u>Year</u>	<u>Number</u>	<u>State</u>
2011	04-35434	Kansas State Board of Healing Arts
2006	48865	Minnesota Medical Licensure Registration
1999-2006	K8732	Texas State Board of Medical Licensure
1996 – 1998	150339	Massachusetts License Registration
1996 - present	18910	Oklahoma Board of Medical Licensure and Supervision

Leadership Activities:

<u>Year</u>	<u>Event</u>
2006, 2009	AAMC Mid-Career Women Faculty Development Seminar, Westin Kierland, Scottsdale, AZ
2012	KHF Fellows Program (Cohort VII)
2013	AAMC, Organizational Leadership in Academic Medicine for New Associate Deans and Department Chairs
2014 – 2015	Fellow, Hedwig van Ameringen Executive Leadership in Academic Medicine (ELAM)

Program for Women

Professional Certification:

<u>Year</u>	<u>Certification</u>	<u>Association</u>
1996; 2006, 2016	Internal Medicine Certification	American Board of Internal Medicine
2006; 2016	Vascular Medicine	American Board of Vascular Medicine

Professional Societies and Affiliations:

<u>Year</u>	<u>Organization</u>
2001-present	Fellow of the Society of Vascular Medicine and Biology.
1996-present	Society of General Internal Medicine
1993-2005	American College of Physicians

Honors and Awards:

<u>Year</u>	<u>Award</u>
2009	World Medical Mission, Good Samaritan's Purse, Tenwek Hospital, Visiting Missionary
1992-1993	Reader's Digest International Fellowship, Clerkship Duncan Hospital in Raxaul (Bihar), INDIA

II. TEACHING ACTIVITIES

Teaching has been a valuable and rewarding aspect of my career. Early in my career, I received excellent bedside teaching and supervision from several clinicians. Similarly, I have had the privilege of sharing my knowledge with students, residents, fellows, and colleagues. During my early academic career as a clinical instructor and general medicine fellowship at Harvard, my formal lectures were largely focused on patient based learning. As the trajectory of my career moved from clinician to clinician researcher, I have been required to deliver clinical lectures and bedside teaching.

As an Assistant Professor at Baylor College of Medicine, my clinical practice was based at the Houston VA Medical Center. My requirements for lecturing were focused on third and fourth year medical students as well as residents and fellows. Similarly, in my third academic home which was the University of Minnesota, I was asked to deliver clinical lectures to colleagues, fellows, residents, and medical students. Although such courses are not included in a catalog, the information provided to attendees is geared towards the management of patients. Such teaching is valuable to students and residents as the knowledge provided can help improve patient outcomes. Throughout my career, I have served as a mentor and/or advisor to faculty, graduate students, and premedical students.

In my current role as Chair, Department of Preventive Medicine and Public Health, I enable and support faculty to develop, implement, and improve our teaching programs for the Masters of Public Health, Masters of Science in Clinical Research, and Health of the Public.

Didactic (lectures and formal presentations)

Academic			Instruction		Student	
<u>Year</u>	<u>Course</u>	<u>Course Title</u>	<u>Type</u>	<u>Hours</u>	<u>No.</u>	<u>Type</u>
1995		International Studies Preceptorship, Tribhuvan Teaching Hospital, Katmandu, NEPAL	Lecture	1 hour/week for 4 weeks	16	Residents
1998		Subspecialty Fellows Course in Critical Appraisal of the Literature, Baylor College of Medicine	Lecture	3 hours	25	Fellows
2000		Internal Medicine Grand Rounds – Peripheral Arterial Disease: An Overview, Baylor College of Medicine	Lecture	1 hour	75	Residents and Medical Students
2000		Primary Care Residents' Clinic – Peripheral Arterial Disease: A Review, Houston VA Medical Center	Lecture	1 hour	50	Residents
2000; 2003		Clinical Fellow training CSTP Research Fellows, University of Minnesota, School of Public Health	Lecture	4 hours	40	Residents
2002		Cardiology Grand Rounds Peripheral Arterial Disease – “Prevalence, Process of Care, and Outcomes,” Houston VA Medical Center	Lecture	1 hour	40	Fellows and Residents
2002		Update in Perioperative Medicine, Houston VA Medical Center	Lecture	1.5 hours	50	Residents, Faculty
2007		Pharmacologic Therapy and Exercise for Intermittent Claudication – Now and in the Future, SVM/SVS Joint Session Baltimore, MD	Lecture	1 hour	150	Cardiologists, Internists, Vascular Surgeons
2009		Diabetic Ketoacidosis, Tenwek Hospital, Bomet, Kenya	Lecture	1 hour	25	Residents and Medical Students
2009		Hypertension Management for the Primary Care Physician, Tenwek Hospital, Bomet, Kenya	Lecture	1 hour	25	Residents and Medical Students

2012 – present		Evidence-based medicine, University of Kansas School of Medicine – Wichita	Lecture	3 hours	15	Medical Students
2015, Spring	PRVM 800	Introduction to Epidemiology	Course	3 credit hours	7	Graduate Students

Non-didactic (workshops, labs and discussion groups)

Academic		Course Title	Instruction		Student	
Year	Course		Type	Hours	No.	Type
1997	<u>AC511.0</u>	Clinical Epidemiology and Population Health	PBL	2/week for 16 weeks	10	Harvard Medical
1998	<u>AC511.0</u>	<u>Clinical Epidemiology and Population Health</u>	PBL	2/week for 16 weeks	8	Harvard Medical
1996-1998	IN761.23	Patient/Doctor III	PBL	4.wk for two months		Harvard Medical School

Clinical (clinic and hospital patient care)

Academic		Course Title	Instruction		Student	
Year	Course		Type	Hours	No.	Type
1996-1998		Ambulatory Medicine Clinic, West Roxbury VA Medical Center	Clinical	6 / week	48	Medical Students
1998-2006		General Internal Medicine Consult Service. Houston VA Medical Center	Clinical	4 / week for twelve weeks	48	Residents
1998-2006		Inpatient Medicine Service, Houston VA Medical Center	Clinical	7-10 hours per week for four weeks; three times yearly	105	Residents and medical students, pharmacy students
2006 – 2010		Fairview Medical Center, Minneapolis, MN	Clinical	7-10 hours per week for two weeks; once per year	20	Residents, medical students

2012 - present		Population Health in Practice	Clerkship	4/week x 3 months	120	Medical students
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Career Development Mentoring for Faculty:

<u>Year</u>	<u>Name</u>	
2003-2006	Ruth Bush, M.D., Assistant Professor	Michael E. DeBakey Department of Surgery, Division of Vascular Surgery and Endovascular Therapy, Baylor College of Medicine, Houston, TX – secondary mentor
2007-2009	Kiranjot Gujral, M.D.	Research assessor for American Diabetes Association funded study titled “Self-Managed Walking Improves Function in Persons with Diabetes Mellitus and Peripheral Arterial Disease.”
2011- 2016	Robert Hines, PhD	Epidemiologist and Assistant Professor of Medicine – Department of Preventive Medicine and Public Health - Wichita
2011 - present	Elizabeth Ablah, PhD	Community Psychologist and Associate Professor of Medicine – Department of Preventive Medicine and Public Health – Wichita
2011 – 2015	Frank Dong, PhD	Statistician and Research Associate – Department of Preventive Medicine and Public Health - Wichita
2012 – present	Lisette Jacobson, PhD	Community Psychologist and Postdoctoral Fellow – Department of Preventive Medicine and Public Health – Wichita; K Award – “ <i>Diabetes Prevention Program Feasibility Study of Breastfeeding</i> ”(Impact Score 20)/ Funded 8/10/18 1K01DK113048-01A1
2012 - present	Michelle Redmond, PhD	Community Psychologist and Teaching Associate – Department of Preventive Medicine and Public Health – Wichita; Recipient of a Diversity Supplement as part of Collins’ prior R01; K Award – “ <i>Web-based Problem-Solving Self-Management Program for African Americans with Type 2 Diabetes</i> ” – Impact Score 28- Funded 2/1/18 1 K01 HL135472-01A1
2014 - present	Sharla Smith, PhD	Health Systems and Services Researcher – Department of Preventive Medicine and Public Health; K Award Submitted – “ <i>Improving Health Care System Quality in Maternal and Infant Health: A Mixed Methods Approach</i> ” (Under review)

Graduate Student Training:

<u>Date</u>	<u>Student or Group Name</u>	<u>Type of Student/Group</u>
2000-2001	James John Howard, PA	Dissertation advisor-Baylor College of Medicine
2001-2002	Sharon Eason, MPH	University of Texas School of Public Health
2004-2005	Lee Kirby, PA	Dissertation advisor-Baylor College of Medicine
2006-2008	Wen-Yu Haines	Medical Student, University of Minnesota
2007-present	Marissa Lightbourne	Medical Student, University of Minnesota
2007-present	Sarah Barnes	Medical Student, University of Minnesota
2008-present	Kimberly Riley	Pre-Med student
2010-2013	Winta Ghidei	Center for Health Equity Undergraduate Fellowship
2015	Jennifer Duong	Capstone Committee, MPH Program, KU School of Medicine
2015	Saris Ye	Capstone Committee, MPH Program, KU School of Medicine
2014 - 2015	Daniel Nwochokor	Research Advisor, Medical Student Elective, Clinical and Population Sciences
2014 – 2015	Brittany Love	Research Advisor, Medical Student Elective, Clinical and Population Sciences
2015 - 2017	Brandon Carlisle	Research Advisor, Medical Student Elective, Clinical And Population Sciences

Development of Educational Materials

1998-2006 Preoperative Medicine Consultation Syllabus; Curriculum Development; Symposium organized and successfully held

III. SERVICE ACTIVITIES

Patient care has been extremely rewarding for my academic career. Each patient brings a unique story and personal perspective to his/her current illness. Such stories invite me into his/her life and they enrich the partnership as we address the health concern. I have been fortunate to have amazing patients whose lives speak volumes to depth in character and resilience. I entered medical school to take care of patients and I hope to continue to do so for as many years as my mind and body allow. Since completing my internal medicine residency, I have delivered direct patient care as part of a continuity clinic, consulting clinic, and/or as a hospitalist who provided weekend coverage. As my career has included both patient care and clinical research, my panels have ranged in size from 100 to 300 patients. In addition, I have served as a consultant to hundreds of patients with vascular disease. I am proficient in performing the ankle-brachial index and interpreting noninvasive functional measures of lower extremity arterial disease.

Early in my tenure as department chair at the University of Kansas School of Medicine in Wichita, I served as the medical director for a Federally Qualified Health Center (Center for Health and Wellness) for two years with oversight of three physicians, two nurse practitioners, and two physician assistants. Because the Center provided obstetrical care, I identified a successor for this role whose scope of practice included obstetrics. I continued to serve on the Center's executive board for four years. During my nearly seven years in Wichita, KS, my patient care has included a practice in our internal medicine outpatient clinic – Cypress Internal Medicine Clinic – as an internist/vascular specialist. Since 2015, I have led the vascular clinic at the Robert J. Dole VA Medical Center. In this role, patients (approximately 300-400) are referred to me from their primary care physicians who are housed in the hospital or at community-based outpatient clinics.

In addition to patient care, my service on committees, local, regional, and national has offered great opportunities for growth and collaboration. The hours dedicated to reviewing grant proposals and then joining colleagues from around the country has enriched my knowledge of clinical science and cutting-edge approaches to designing a research study. I have been very privileged to serve on study sections and committees. Here at the University of Kansas School of Medicine (KUSOM), I served as a member of the Wichita Center for Graduate Medical Education Research Council, co-chair Faculty Council, and the Appointment, Promotion, and Tenure Committee. I was an active member in the design of the new medical school curriculum. I served as a member of the search committee for our Chancellor and I am currently co-chair for the search for our new executive dean for the medical school.

In February 2018, I completed a Master of Health Care Delivery Science (MHCDS) degree at Dartmouth. This is a combined master's degree in business administration and health policy and management. I completed this program to position me to move to the next level of influencing health care delivery not only from a public health perspective but from an informatics and population health lens. Over the past seven years, I have had oversight for approximately 30 department members as Chair of Preventive Medicine and Public Health. The department includes clinicians, community psychologists, environmental specialists, and experts in nutrition. As a primary mentor, I have supported two junior faculty to receive NIH K01 awards within this calendar year. These are the first K awards on the KUSOM-Wichita campus. My experience as a chair of a department largely focused on prevention and public health has been very rewarding. Having completed the MHCDS, I now want to have more of an impact on health care delivery, population health, and the intersection of health care delivery with public health.

Patient Care Activities

1997	In-House Physician, Boston Regional Medical Center, Stoneham, Massachusetts
1997	In-House Physician, Beverly Hospital, Beverly Massachusetts
1996-1998	Primary Care Physician, Brockton/West Roxbury Veterans Affairs Medical Center, Massachusetts
1998-2006	Staff Physician, Houston VA Medical Center, Houston, TX
2006-2011	Staff Physician, Fairview Medical Center, Minneapolis, MN

2012 - present Vascular Specialist, Internal Medicine, University of Kansas Medical Center, University of Kansas School of Medicine, Wichita, KS

2014 - Vascular Specialist, Specialty Clinics, Robert J. Dole VA Medical Center, Wichita, KS

Academic Service

<u>Years</u>	<u>Position</u>
2005	Department of Veterans Affairs Health Services Research and Development Scientific Merit Review Panel – Equity – San Antonio, TX
2002-2005	Houston VA Medical Center Health Services Research (HSR) Sub-Committee
2006-2010	National Institutes of Health, Behavioral Medicine Interventions and Outcomes Study Section Member
2006-2008	Chair, Biostatistical Design and Analysis, Director Search Committee, University of Minnesota
2006-2008	Member, Biostatistical Design and Analysis, Director Search Committee, University of Minnesota
2006-2008	Member, Health Disparities Search Committee, University of Minnesota
2006	National Institutes of Health, Behavioral Medicine Interventions and Outcomes Study Section Ad Hoc Reviewer
2009-present	At Large Council Member, Midwest Regional Society of General Internal Medicine
2010-2012	Chair, Society of General Internal Medicine, Disparities Task Force
2011-2014	President-elect; President; Immediate Past-President, Midwest Regional Society of General Internal Medicine
2012	National Institutes of Health, Health Disparities and Equity Promotion Study Section, Ad Hoc Reviewer
2013 – 2016	President-elect, President, past-President, Association of Chiefs and Leaders of General Internal Medicine
2014	National Institutes of Health, Development and Translation of Medical Technologies that Reduce Health Disparities, Reviewer
2014	National Institutes of Health, Mentored Career Development Award to Promote Faculty Diversity/Re-Entry in Biomedical Research (K01), Special Emphasis Panel, Reviewer
2016 (March 31)	Convened a statewide symposium (200 registered attendees) titled, “ <i>Achieving Health Equity in Kansas: Where Do We Go From Here</i> ”; received \$50000 from the Kansas

Health Foundation to convene a similar event for the following year.

2017 Member, Search Committee, Chancellor, University of Kansas

2018 Co-chair, Search Committee, Executive Dean, University of Kansas School of Medicine

Committee and Administrative Service:

<u>Years</u>	<u>Service</u>
1999-Present	Staff Physician, General Medicine, Houston VAMC, Houston, Texas (½ afternoon/week) for my own panel of patients. Professional service
2007	Program in Health Disparities Research 2007 Planning Grant Review Committee
2000-2002	Team Leader Advisory Committee, Division of Health Services Research, Houston Center for Quality of Care and Utilization Studies Baylor College of Medicine, Houston, Texas, 2 hours every other week Academic service
2000-2003	Chair, Professional Development Series for Research in Excellence Initiative, Division of Health Services Research, Houston Center for Quality of Care and Utilization Studies, Baylor College of Medicine, Houston, Texas, 1 hour every week Academic service
2002-2006	Member, Health Services Research Subcommittee of the HVAMC R&D Committee, Houston, Texas 4 - 6 hrs. every month, February Academic service
2011-present	Wichita Center for Graduate Medical Education Research Council
2012	Medical School Curriculum Committee
2015-2018	University of Kansas School of Medicine, Faculty Council, Promotion and Tenure Wichita Subcommittee
2018	National, Multidisciplinary Expert Delphi Panel on the Definitions Relevant to Value-Based Transformation of Healthcare: Value-based Care, Value-based Practice, and Population Health. PI: Marilyn M. Schapira, University of Pennsylvania. Funded by Humana. Philadelphia, PA, February, 2018.

IV. RESEARCH AND SCHOLARLY ACTIVITIES:

During medical school and while on my surgical rotations, I was disturbed by the number of amputations among veterans and among minorities. Clearly, smoking was a risk factor but I wondered about what I perceived to be a health disparity, by race, in amputations. I was not aware of clinical research opportunities at that time but the concern lingered in the back of my mind.

As I neared the completion of my three year residency in internal medicine, I reflected on how I enjoyed taking care of patients. However, I also wondered whether the reach of such individual care would make a difference in population health. I sought advice from upper level residents and faculty. During this time of gathering data and reflection, I learned of the opportunity to complete general medicine fellowship. Such fellowships were relatively new and offered at only a few institutions throughout the country. I interviewed

and received offers from two – Harvard Medical School and Johns Hopkins University. Given my interest of living in Boston, MA, I chose the former.

While at Harvard, I was able to complete my master's degree in public health, serve as a clinical instructor, deliver patient care, and learn how to conduct clinical research. For the latter aspect, I had access to a large database, the National Surgical Quality Improvement Program (NSQUIP). This database included over 100,000 cases of elective surgery among persons receiving care in the Department of Veterans Affairs. With access to the data, I was somewhat able to return to my concern that minorities may be at increased risk for lower extremity amputations. In fact, as I analyzed the data, my earlier question about racial/ethnic disparities was validated. I found that both African Americans and Hispanics were at higher risk for lower extremity amputation even after adjusting for traditional atherosclerotic risk factors (e.g., smoking). The next step was to better understand why and to determine how to reduce this disparity. Thus, my career turned to peripheral arterial disease (PAD). I have received funding from the Robert Wood Johnson Foundation (career development award funding), Department of Veterans Affairs (both career development award funding and project funding), American Diabetes Association, and the National Institutes of Health (NIH) to better understand the prevalence of PAD by race, risk factors for adverse outcomes in patients with PAD, and to conduct clinical trials that will improve outcomes for patients with this disease. I acknowledge that PAD is one disease in a very extensive line of problematic health problems. However, given its burden in underserved populations and the potential for complications from this disease to escalate as the population ages, I have dedicated my career to date to improving outcomes for all patients, including minorities, with PAD.

Research has afforded me the opportunity to influence health care, educate other clinicians, and increase patient awareness. Clinical research has been the crux of my career and I am very excited to continue along this path as a clinician investigator. I am now in a position to help others acquire funding, including federal dollars, to improve the care of Kansas and the nation as a whole.

1. Grants and contracts

Current Grants

<u>Principal Investigator</u>	<u>Co-investigators</u>	<u>Title of grant</u>	<u>Funding Source</u>	<u>Amount</u>	<u>Years</u>
T. Collins	R Jeffery M Geana J He	Texting to Promote Mobility in Overweight/Obese Adults with Peripheral Artery Disease	National Heart, Lung, and Blood Institute	\$750,943	2017-2019
R. Barohn	T. Collins - Frontiers Training Center Advisory Committee Member	Frontiers: The Heartland Institute for Clinical and Translational Research	National Center for Advancing Translational Sciences	\$20 M	2017 - 2022
VM BioPharma	T. Collins (Consultant)	Non-healing Foot Ulcers Phase III Clinical Study	ViroMed BioPharma	DSMB	2016 - present

Previous Grants

<u>Principal Investigator</u>	<u>Co-investigators</u>	<u>Title of grant</u>	<u>Funding Source</u>	<u>Amount</u>	<u>Years</u>
T. Collins		SmithKline Beecham Jr. Faculty Development Award	SmithKline Beecham	\$100,000	1999-2001

<u>Principal Investigator</u>	<u>Co-investigators</u>	<u>Title of grant</u>	<u>Funding Source</u>	<u>Amount</u>	<u>Years</u>
T. Collins		Racial Variation in the Epidemiology and Outcomes of Peripheral Arterial Disease	Robert Wood Johnson Foundation	\$314,863	2000-2003
K. O'Malley	T. Collins	Ethnicity and Patient Trust in Physician, Facility, and US Healthcare	US agency for Healthcare Research and quality and the Office for Research on Minority Health, US National Institutes of Health	\$276,013	2000-2003
D. Paterniti	T. Collins	Intervening to Increase Follow-up to Abnormal Mammograms	US agency for Healthcare Research and quality and the Office for Research on Minority Health, US National Institutes of Health	\$221,113	2001-2004
T. Collins	B. Sharf, T. Krueger, T. Kroll	A Communication Model for Self-Management Behavior	US agency for Healthcare Research and quality and the Office for Research on Minority Health, US National Institutes of Health	\$178,253	2002-2005
T. Collins	N. Petersen, C. Ashton	Process of Care and Outcomes in Peripheral Arterial Disease	Department of Veterans Affairs Health Services Research and Development	\$445,000	2002-2005
T. Collins	R. Beyth, J. Soucek	Meta-Analysis of the Association between Process of Care and Adverse Limb Events in Patients with Peripheral Arterial Disease	Department of Veterans Affairs Health Services Research and Development	\$10,000	2002
T. Collins		Advanced Clinical Research Career Development Award-CRCD#735	Department of Veterans Affairs Cooperative Studies Program – 1.5 years remaining on grant but could not continue due to a change in academic institutions without a simultaneous continuation of VA 8ths	\$345,000	2004-2007
C. Ashton	T. Collins	ALLHAT Implementation Planning Project	Department of Veterans Affairs Health Services Research and Development Service Implementation and Planning Grant	\$50,000	2004
T. Collins		An Intervention Program for Peripheral Arterial Disease: A Pilot Study	Department of Veterans Affairs Health Services	\$10,000	2004

<u>Principal Investigator</u>	<u>Co-investigators</u>	<u>Title of grant</u>	<u>Funding Source</u>	<u>Amount</u>	<u>Years</u>
			Research and Development		
T. Collins	J. Hodges, M. Lightbourne, T. Carlson, S. Lunos	Self-Managed Walking Improves Function in Patients with Diabetes Mellitus and Peripheral Arterial Disease	American Diabetes Association	\$580,466	2006-2009
T. Murphy	T. Collins, A. Hirsch, J. Regensteiner, M. Jaff	Claudication: Exercise Vs. Endoluminal Revascularization (CLEVER)	National Heart, Lung and Blood Institute	\$5,958,651	2006-2011
J. Ahluwalia	T. Collins, S. Everson-Rose, K. Okuyemi, S. Vickers, J. Thomas	Center for Health Equity	National Center for Minority Health Disparities; University of Minnesota Center for Health Disparities Research, Engagement, and Training	\$6.2 million	2009-2014 <i>My role on the grant ended in November 2011 with my academic appointment at KUMC</i>
T. Collins	P. Twumasi Ankrah, R Zackula, Nicole Rogers, Nicole Nollen, Jasjit Ahluwalia	Promoting Walking in African Americans with Peripheral Arterial Disease	National Heart, Lung, and Blood Institute	\$3.7 million	2010-2017
T. Collins	M. Redmond	Promoting Walking in African Americans with Peripheral Arterial Disease – Parent Grant; Supplement titled, “Diet and Exercise Behaviors in African American Women at Risk for Peripheral Arterial Disease”	National Heart, Lung, and Blood Institute	\$200,750	2013-2015
T. Collins	P. Cupertino D. Parra-Medina D. Akopian	Text Messaging to Promote Walking in Latinos at Risk for Peripheral Arterial Disease	National Institute on Aging	\$300,000	2015 - 2016

Pending Grants

<u>Principal Investigator</u>	<u>Co-investigators</u>	<u>Title of grant</u>	<u>Funding Source</u>	<u>Amount</u>	<u>Years</u>
T. Collins	R Jeffery M Geana J He	Texting to Promote Mobility in Overweight/Obese Adults with Peripheral Artery Disease	National Heart, Lung, and Blood Institute	\$649,000	To be re-submitted pending results from R56 (one-year grant listed above)
T. Collins	J He, N. Rogers, D. Parra-Medina, P. Cupertino	Use of Text Messaging to Promote Walking in Latinos with Peripheral Arterial Disease	National Heart, Lung, and Blood Institute	\$720,000	To be resubmitted as an R61/R33 <i>For R01 A1 Application, reviewed June 2014, received a score of 25 percentile 14; will submit as a new application</i>

2. Scholarly Publications

- Collins TC**, Daley J, Henderson WG, Khuri SF. Risk factors for prolonged length of stay after major elective surgery. *Ann Surg* 1999; 230:251-259.
- Collins TC**, Johnson M, Daley J, Henderson WG, Khuri SF, Gordon HS. Preoperative risk factors for thirty-day mortality following elective surgery for vascular disease: Is race important? *J Vasc Surg* 2001; 34:634-640.
- Collins TC**, Petersen LA, Kressin N, Clark J. Racial differences in how patients perceive physician communication regarding cardiac testing. *Med Care* 2002; 40[supplement]: I-27-I-34.
- Collins TC**, Johnson M, Henderson WG, Khuri SF, Daley J. Lower Extremity Non-Traumatic Amputation Among Veterans with Peripheral Arterial Disease: Is Race an Independent Factor? *Med Care* 2002; 40[supplement]: I-106-I-116.
- NR Kressin, JA Clark, J Whittle, M East, ED Peterson, BH Chang, AK Rosen, XS Ren, L Alley, L Kroupa, **TC Collins**, LA Petersen. Racial differences in health beliefs among VA cardiac patients. *Med Care* 2002; 40: I-75-I-85.
- Collins TC**, Petersen NJ, Foster W, Soucek J, Menke TJ, Ashton CM. Short-term, intermediate-term, and long-term mortality in patients hospitalized for stroke. *J Clin Epidemiol* 2003; 56:81-87.
- Collins TC**, Beyth RJ. Process of care and outcomes of peripheral arterial disease. *Am J Med Sci* 2003 Mar; 325(3):125-134.
- Ashton CM, Septimus J, Petersen NJ, Soucek J, Menke TJ, **Collins TC**, Wray NP. "Health care use of veterans treated for diabetes in the Veterans Affairs medical care system." *Am J Manag Care* 2003 Feb;9(2):145-50.
- Ashton CM, Haidet P, Paterniti DA, **Collins TC**, Gordon HS, O'Malley K, Petersen LA, Sharf BF, Suarez-Almazor ME, Wray NP, Street RL. Racial and ethnic disparities in the use of health services: bias, preferences, or poor communication. *Journal of General Internal Medicine* 2003; 18:146-152.

10. **Collins TC**, Petersen N, Suarez-Almazor M, Ashton CM. The prevalence of peripheral arterial disease in an ethnically diverse population. *Arch Intern Med* 2003; 163:1469-1474.
11. Ashton CM, Soucek J, Petersen NJ, Menke TJ, **Collins TC**, Wright SM, Kizer KW, Wray NP. Hospital use and survival among Veterans Affairs beneficiaries. *New England Journal of Medicine* 2003;349:1637-1646
12. Howard JJ, Soucek J, **Collins TC**. Ischemic outcomes assessment survey for patients with peripheral arterial disease: A pilot study. *Brit J of Diabetes and Vascular Disease* 2003; November/December (Vol 3):424-430.
13. **Collins TC**, Soucek J, Beyth RJ. Benefits of anti-thrombotic therapy after infrainguinal bypass grafting: a meta-analysis. *Am J Med* 2004; 117:93-99.
14. Kressin NR, Chang B, Whittle J, Peterson ED, Clark JA, Rosen AK, Orner MB, **Collins TC**, Alley LG, Petersen LA. Racial differences in cardiac catheterization are not a function of patient beliefs: Results from the Cardiac Decision Making Study. *Am J Public Health*. 2004 Dec;94(12):2091-7.
15. **Collins TC**, Suarez-Almazor M, Petersen N, O'Malley K. Screening for peripheral arterial disease: validation of the walking impairment questionnaire in an ethnically diverse population. *J Clin Epidemiol* 2004 December;57(12):1305-1315.
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17. **Collins TC**, O'Malley K, Suarez-Almazor M, Petersen N. The Lifestyle and Clinical Survey: Validation of a Medical History Questionnaire. *Federal Practitioner* 2005;22:25-26, 29-32, 38-42, 46.
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64. Jacobson L. T., Zackula, R., Redmond, M. L., Duong, J., **Collins, T. C.** Pioneer Baby: Suggestions for Pre- and Postnatal Health Promotion Programs from Rural English and Spanish-speaking Pregnant and Postpartum Women. *Journal of Behavioral Medicine.* (forthcoming)
65. **Collins TC**, Valverde MG, Lu Kelsey. Use of Texting among Overweight or Obese Adults. *In Progress*
66. **Collins TC**, Valverde MG, Lu Kelsey, Geana M. Delivery of a Dietary Intervention Using Text Messaging among English or Spanish-speaking Adults. *In Progress*
67. **Collins TC**, Lu L, Ahluwalia JS, Nollen NL, Zackula R, Sirard J. Counseling to Motivate Community-Based Exercise Therapy among African Americans with Peripheral Artery Disease. *Under review*
68. **Collins TC**, Lu L, Valverde MG, Silva MX, Parra-Medina D. Efficacy of Text Messaging to Promote Physical Activity among Latino Adults: A Randomized Controlled Trial. *Under review*
69. Smith SA, Mays GP, **Collins TC**, Ramaswamy M. The Role of Community Health Delivery Systems in the Health and Well-Being of Justice-Involved Women: A Review". *The Journal of Health Care for the Poor and Underserved Under review.*
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Other works communicating research results to scientific colleagues

1. Book Note: Peripheral Arterial Disease: Diagnosis and Treatment
Coffman JD and Eberhardt RT, eds. 356 pages. Totowa, N.J.: Humana Pr; Annals of Internal Medicine 2003.138; 10:856
2. Interview with Advance for Managers of Respiratory Care. April 2003; 12:38-39.
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Abstracts Accepted for Conferences

1. Smith SA, Mays GP, Aitken MA, Xi Z, **Collins TC**. Injury Prevention Delivery Systems: The role of public health and primary care in reducing injury-related infant mortality among vulnerable populations, APHA, November 2017
2. Smith SA, Mays GP, Aitken MA, Xi Z, **Collins TC**. Injury Prevention Delivery Systems: A State Level Analysis, APHA, October 2016
3. **Collins TC**, Lu Kelsey, He Jianghua. Promoting Walking among African Americans with Peripheral Artery Disease. Society of General Internal Medicine 40th Annual Meeting, Washington, DC, April 19-22, 2017.
4. **Collins TC**, Lu Kelsey, He Jianghua. Quality of Life and Walking Distance in African Americans with Peripheral Artery Disease. Society of General Internal Medicine 39th Annual Meeting, Hollywood, FL, May 11-14th, 2016.
5. **Collins TC**, Valverde MG, Lu Kelsey. Use of Texting among Overweight or Obese Adults. Society of General Internal Medicine 39th Annual Meeting, Hollywood, FL, May 11-14th, 2016.
6. **Collins TC**, Valverde MG, Lu Kelsey, Geana M. Delivery of a Dietary Intervention Using Text Messaging among English or Spanish-speaking Adults. Society of General Internal Medicine 39th Annual Meeting, Hollywood, FL, May 11-14th, 2016.
7. Hines RB, Lai SM, Johnson AM, Dong F, Bayakly AR, **Collins TC**. The impact of guideline treatment nonadherence on survival for colorectal cancer patients: comparison of results obtained from multivariable modeling, propensity score matching, and propensity score calibration. American Society of Clinical Oncology Quality Care Symposium. Phoenix, AZ. February 2016.
8. Nwachokor D, Love B, Collins TC. Recruitment of African Americans into a Walking Intervention Trial for Peripheral Artery Disease. Society for Vascular Medicine 26th Annual Meeting and Scientific Sessions, Baltimore, MD, USA June 11– 13, 2015
9. **Collins TC**, Zackula R, Nollen N, Rogers N, Ahluwalia J. Factors Associated with Walking Ability among African Americans with Peripheral Artery Disease. Society of General Internal Medicine 38th Annual Meeting, Toronto, ON, Canada April 22 – 25th, 2015
10. **Collins TC**, Ahluwalia J, Nollen N, Rogers N, Zackula R. Predictors of Quality of Life among African American with Peripheral Artery Disease. Society of General Internal Medicine 38th Annual Meeting, Toronto, ON, Canada April 22 – 25th, 2015
11. **Collins TC**, Post S, Marsh R, Singh H, Zackula R. Factors Associated with Borderline versus Definite Peripheral Artery Disease among African Americans. Society of General Internal Medicine 38th Annual Meeting, Toronto, ON, Canada, April 22 – 25th, 2014
12. Redmond, M.L., Dong, F., Goetz, J., Jacobson, L., & **Collins, T.C**. Food Insecurity Is Associated with Peripheral Arterial Disease in Older Adult Populations. Society of General Internal Medicine 38th Annual Meeting, Toronto, ON, Canada April 22 – 25th, 2015

13. Jacobson, L. T., Bandy, B., Yi, S., Dong, F., Hines, R. H., & **Collins, T. C.** A Community Initiative to Improve Breastfeeding Rates in Kansas. Accepted as a poster presentation at the 72nd Annual Kansas Public Health Association Conference, Manhattan, Kansas; September 16-17, 2015.
14. Jacobson, L. T., Bandy, B., Yi, S., Dong, F., Hines, R. H., & **Collins, T. C.** A Community Initiative to Improve Breastfeeding Rates in Kansas. Accepted as a poster presentation at the 2015 Quality Forum, Kansas Foundation for Medical Care, Inc., Wichita, Kansas; July 31, 2015.
15. **Collins TC**, Dong F, Ablah E, Parra-Medina D, Cupertino P, Rogers N, Ahlers-Schmidt C. Use of Text Messaging to Motivate Exercise in Latinos with One or More Atherosclerotic Risk Factors: Two Pilot Studies. Society of General Internal Medicine 37th Annual Meeting, San Diego, CA April 23 – 26th, 2014
16. Exercise Reduces Blood Pressure in Diabetics with Peripheral Arterial Disease. Twumasi-Ankrah, P, **Collins TC**. Society of General Internal Medicine 35th Annual Meeting, Orlando FL May 9th – 12th, 2012
17. Effects of a Walking Intervention on Systemic Inflammation in Persons with Diabetes Mellitus and Peripheral Arterial Disease. **Collins TC**, International Society for Behavioral Nutrition and Physical Activity 2011 Annual Meeting, Melbourne, Australia. June 15-18, 2011.
18. Benefits of Walking Therapy in Patients with Diabetes Mellitus and Peripheral Arterial Disease Who are Limited by Leg Pain and Fatigue or Fatigue Only. **Collins TC**, Ghidei W, Ahluwalia J. Society of General Internal Medicine 34th Annual Meeting, Phoenix, AZ May 4-7, 2011.
19. Home-Based Walking Improves Walking Ability and Quality of Life in Persons with Diabetes Mellitus and Peripheral Arterial Disease. **Collins TC**, Lunos S. Society of General Internal Medicine 33rd Annual Meeting, Minneapolis, MN April 28 – May 1, 2010
20. Ethnicity and Health Perceptions. **Collins TC**, Lightbourne ML, Henderson K. Society of General Internal Medicine 33rd Annual Meeting, Minneapolis, MN April 28 – May 1, 2010
21. Self-Efficacy Predicts Walking Ability in Persons with Diabetes Mellitus and Peripheral Arterial Disease. **Collins TC**, Lunos S, La Nghia, Gujral K, Ahluwalia J. Society of General Internal Medicine 32nd Annual Meeting, Miami, FL, May 13 – 17th, 2009
22. Diabetics with Peripheral Arterial Disease are Suboptimally Managed. Gujral K, La Nghia, Lunos S, **Collins TC**. Society of General Internal Medicine 32nd Annual Meeting, Miami, FL, May 13 – 17th, 2009
23. Should Diabetics with Peripheral Arterial Disease Be Screened Before Joining a Walking Program. La Nghia, Gujral K, Lunos S, **Collins TC**. Society of General Internal Medicine 32nd Annual Meeting, Miami, FL, May 13 – 17th, 2009
24. Barnes S, Curran C, Ahluwalia J, **Collins T**. Exercise Mediators in Patients at Risk for Peripheral Arterial Disease. Society for Vascular Medicine 2008 Annual Meeting Thursday May 29, 2008 Minneapolis, MN
25. **Collins T**, Nelson D, Ahluwalia J. Obesity Severity and Outcomes in Patients with Peripheral Arterial Disease in a Cohort of Veterans. Society for Vascular Medicine 2008 Annual Meeting Thursday May 29, 2008 Minneapolis, MN
26. **Collins TC**, Ku-Goto Meei, Petersen ND. Antihypertensive Medication Class and Adverse Events In Patients With Peripheral Arterial Disease. Society of General Internal Medicine 29th Annual Meeting, Los Angeles, Ca. April 29, 2006.

27. Caggins R, **Collins TC**. Evaluating Motivators for Exercise Adherence in Patients with Peripheral Arterial Disease. Society of General Internal Medicine 29th Annual Meeting, Los Angeles, Ca. April 28, 2006.
28. **Collins TC**, Ku-Goto Meei, Petersen NJ. Risk for Death Following Limb Surgery in Veterans with Peripheral Arterial Disease. Health Services Research and Development Service National Meeting, Washington DC February 16, 2006.
29. **Collins TC**, Petersen NJ Bush RL Suarez-Almazor M Ku-Goto M Beyth RJ. Atherosclerotic Risk Factor Control is Associated with Fewer Adverse Limb Outcomes in Peripheral Arterial Disease. Society of General Internal Medicine 28th Annual Meeting, New Orleans, La May 14, 2005. JGIM 2005; Vol 20 (Supplement 1);61
30. **Collins TC**, Krueger PN, Ku-Goto M. Disease Severity and Burden of Atherosclerosis as Risk Factors for Adverse Limb Events in Patients with Peripheral Arterial Disease. Society of General Internal Medicine 28th Annual Meeting, New Orleans, La May 13, 2005. JGIM 2005; Vol 20 (Supplement 1);96
31. **Collins TC**, Ku-Goto M, Petersen NJ. Practice Patterns that Reduce the Risk for Adverse Limb Events in Patients with Peripheral Arterial Disease and Diabetes Mellitus. Society for Vascular Medicine and Biology National Meeting, Chicago, IL, June 18, 2005. Vascular Medicine 2005; 10:174.

Extramural Invited Presentations: *National/International*

Date	Presentation	Location
May 2-4, 2002	Update in Minority Health. Society of General Internal Medicine, 25 th Annual Meeting	Atlanta, GA
February 13, 2003	Health Disparities Research: Steps Towards Developing an Integrated Model for Health Disparities Research. Department of Veterans Affairs Twenty First Annual Health Services Research and Development (HSR&D) Meeting	Washington, DC
May 2-4, 2003	Developing an Integrated Model for Health Disparities Research. 26 th Annual Meeting	Vancouver, BC
May 2-4, 2003	Women in Research: Strategies for an Effective Career. 26 th Annual Meeting	Vancouver, BC
May 12-15, 2004	Precourse titled "Women in Research: Strategies for an Effective Career." Twenty-Seventh Annual Meeting	Chicago, IL
April 28 – May 1, 2010	Career Development for Careers in Health Disparities Education and Research. Society of General Internal Medicine, 33 rd Annual Meeting	Minneapolis, MN
October 2013	University of Minnesota, Center for Health Equity (CHE), Research Rounds, Invited Speaker	Minneapolis, MN

Extramural Invited Presentations: *Regional*

Date	Presentation	Location
	Internal Medicine Grand Rounds – University of Oklahoma College of Medicine	Tulsa, OK
June 24, 2004	Minneapolis Heart Institute– ALLINA Hospitals and Clinics Translational PAD: Applying the Knowledge Base from Epidemiology to Process of Care.	Minneapolis, MN

September 23, 2004 Effective Management of PAD to Improve Outcomes with Minneapolis, MN
Vascular Event Reduction (EMPOWER). University of Michigan
Medical School, Speaker for Program

Media:

October 2016 KU Elevate Innovation in Action, TED Talk www.elevate.ku.edu.

October 2012 Interview, Radio Station - Power 93.9, Peripheral Arterial Disease Walking Study

June 2012 The "Doctor is In" segment at KWCH Channel 12

April – May 2011 KMOJ Radio Station, Community Health Dialogues and Senior Perspectives with
Clarence Jones of Q Health Services and Brother Milford Johnson, respectively. One
to two interviews with each of the above hosts to discuss peripheral arterial disease and
its impact in the African American community

October 2007 Interview, Public Television, Minority Health
2007 Interview, Diabetes Forecast

2/26/04 EXCEED Project Community Education Panelists – IDEAL Core – KTSU Radio
Station. Facilitator for a Community Education Forum – John Peavey Community
Center (2 hours)

11/14/04 EXCEED Project – Interviewed , ABC Television Channel
13 "Crossroads." Feature reporter was Melanie Lawson. The interview was part of a
health segment on disparate health care, particularly as evidenced in African American
populations. Dr. Collins discussed her EXCEED/peripheral arterial disease project and
related findings.

Tracie C. Collins, MD, MPH, MHCDS

10/11/18