

Dr. Kolby T. Redd
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ACADEMIC BACKGROUND:

- BS – Biology; minor in Health Promotion Education and Behavior, University of South Carolina, Columbia – 2008
- MHA – Health Administration, University of South Carolina, Columbia – 2010
- Post-Graduate Fellowship – Henry Ford Health System, Detroit – 2010
- PhD – Health Services Policy and Management, University of South Carolina, Columbia – 2015

DISSERTATION TOPIC:

“Patient and Provider Characteristics and Practice Patterns of Primary Care Physicians of Weight-Related Counseling.” (2015)

ACADEMIC TEACHING EXPERIENCE:

Assistant Professor; Program Director, Anderson University, Anderson, SC - 2019 - Current. Responsible for the development and oversight of a Healthcare Management Bachelor’s degree with an accompanied minor in Healthcare Management within the College of Health Professions. Responsible for teaching 24 credit hours per year and directing the administrative functions for the program.

Adjunct Faculty Member, University of South Carolina, Health Promotion Education and Behavior, Columbia, SC - 2019 - Current Big Health Data Science Center Excellence Initiative team member. Responsible for the annual national conference logistics and planning committee.

Adjunct Faculty Member, Charleston Southern University, Charleston, SC – 2016- Current Professor teaching online healthcare related courses within the College of Adult and Professional Studies. I am also responsible for course development and revision within existing courses as the subject matter expert in the program including healthcare management, leadership, human resources management, finance, and health economics.

Adjunct Professor, University of South Carolina, Columbia, SC - 2015 - Current Professor for teaching the principles of health management and organization within the Arnold School of Public Health, Health Services Policy and Management Department.

Clinical Assistant Professor; Academic Program Manager, University of South Carolina, Columbia, SC - 2020 - 2021. Responsible for teaching in the undergraduate and graduate programs in the Health Services Policy and Management department. Responsible for the oversight of management functions for the MHA program.

Research Assistant Professor, University of South Carolina School of Medicine, Columbia, SC – 2017 – 2019. Responsible for teaching residents and medical school students during didactic sessions, overseeing required resident quality improvement projects, mentoring medical, graduate, and undergraduate students in the research

department, developing research within the department, paper publications, grand rounds presentation, conference abstract submissions, and overall operations within the Neurosciences Department.

Adjunct Faculty Member, Anderson University, Anderson, SC – 2016- 2019 Professor teaching healthcare related courses online within the College of Business, Business Administration – Healthcare Management Program.

Visiting Lecturer, The Citadel, Charleston, SC – 2015 Joint instructor for a mixed method graduate course (BADM 754) teaching the principles of health care management to students in the MBA Healthcare Management track within The Citadel, the Military College of South Carolina.

CURRICULUM DEVELOPMENT

- HSPM 500 – Introduction to Healthcare Management, University of South Carolina, 2015-2019
- HCMT 321 – Healthcare Economics; Charleston Southern University, 2017
- HCMT 325 – Healthcare Management; Charleston Southern University, 2018
- HCMT 320 – Introduction to Healthcare in the U.S.; Charleston Southern University, 2018
- HCMT 324 – Healthcare Policy and Law; Charleston Southern University, 2018
- HCMT 323 – Healthcare Information and Management; Charleston Southern University, 2018
- HCMT 322 – Healthcare Human Resources Management; Charleston Southern University, 2018
- HCM 115 - Introduction to Health Care, Anderson University, 2019
- HCM 311 - Healthcare Financial Management, Anderson University, 2019
- HCM 340 - Research and Practice in Healthcare Management, Anderson University, 2019
- HCM 230 - Cultural Competencies for Healthcare Management, Anderson University, 2019
- HCM 440 - Health Information Management, Anderson University, 2019
- HCM 490 - Senior Seminar in Healthcare Management, Anderson University, 2019
- HCM 330 - Hospital Management, Anderson University, 2019
- HCM 335 - Physician Practice Management, Anderson University, 2019
- HCM 110 - The U.S. Healthcare System, Anderson University, 2019
- HCM 220 - Management for Health Care, Anderson University, 2019
- HCM 310 - Health Economics and Policy, Anderson University, 2020
- HCM 405 - Healthcare Quality Management, Anderson University, 2020
- HCM 320 - Ethical and Legal Issues in the U.S. Health Care, Anderson University, 2020
- HCM 315 - Managing Population Health, Anderson University, 2020
- HCM 210 - Principles and Methods of Epidemiology, Anderson University, 2020
- BUS 571 - Healthcare Structure, Anderson University, 2021
- BUS 572 - Healthcare Finance and Economics, Anderson University, 2021

CLASSROOM INSTRUCTION

HSPM 500 – Introduction to Healthcare management; Lead Instructor, University of South Carolina, 2015 - 2021

BADM 754 – Principles of Healthcare Management; Visiting Lecturer, Citadel University, 2015

HCM 220 – Management for Healthcare Organizations; Lead Instructor, Anderson University, 2018-2021

HCMT 325 – Healthcare Management; Lead Instructor, Charleston Southern University, 2018-2021

BUS 572 – Healthcare Finance and Economics; Lead Instructor, Anderson University, 2018-2021

HCMT 324 – Healthcare Policy and Law; Lead Instructor, Charleston Southern University, 2018-2021

HCMT 322 – Healthcare Human Resources Management; Lead Instructor, Charleston Southern University, 2018-2021

HCM 110 – U.S. Healthcare System; Lead Instructor, Anderson University, 2018-2019

HCMT 320 – Introduction to Healthcare in the U.S.; Lead Instructor, Charleston Southern University, 2018-2021

EXSC 499 - Neurological Research Topic Areas, Lead Instructor, University of South Carolina, 2019

HCM 405 - Healthcare Quality Management; Lead Instructor, Anderson University, 2019-2021

HCM 210 - Principles and Methods of Epidemiology, Leader Instructor, Anderson University, 2021

HCM 115 - Introduction to Healthcare Management, Lead Instructor, Anderson University, 2019-2021

HCM 315 - Managing Population Health, Lead Instructor, Anderson University, 2019-2021

HCM 310 – Health Economics and Policy, Lead Instructor, Anderson University, 2020-2021

PUBH 678 – Transforming Healthcare: Inter-professional Collaborations, University of South Carolina; Public Health Facilitator, 2020

HCM 110 - The U.S. Healthcare System, Lead Instructor, Anderson University, 2020-2021

HCM 230 - Cultural Competency for Healthcare Professionals, Lead Instructor, Anderson University, 2020-2021

HCM 330 - Hospital Management, Lead Instructor, Anderson University, 2020-2021

HCM 311 - Healthcare Financial Management, Lead Instructor, Anderson University, 2020-2021

HCM 335 - Medical Practice Management, Lead Instructor, Anderson University, 2020-2021

PROFESSIONAL EXPERIENCE:

Program Director, Assistant Professor, Anderson University April 2019 - Current
Responsible for the development and oversight of a Health and Human Services Management Bachelor's degree with an accompanied minor in Healthcare Management within the College of Health Professions. Responsible for teaching 24 credit hours per

year and directing the administrative functions for the program.

Academic Program Manager, Clinical Assistant Professor, University of South Carolina
January 2020 – August 2021. Responsible for academic program management and CAHME accreditation of the Master of Health Administration program in the Department of Health Services Policy and Management in the Arnold School of Public Health.

Director, Clinical Research Department, Research Assistant Professor, University of South Carolina School of Medicine, Department of Neurosciences April 2017 - Mar 2019. Responsible for the overall research program, grants, and administrative management of the neurology clinical research department. This includes the supervision of the clinical research department staff; recruitment, scheduling, and monitoring of clinical trials patients; conducting diagnostic tests; collecting, managing, and analyzing study data; managing the grants regulatory process; budget and valuation component creation; manuscript, presentation, and paper writing on the projects, and other duties as assigned from the Department Chair.

Director, Community Health, Mid-Atlantic Affiliate, American Heart Association
September 2016 - April 2017. Responsible for the management and coordination of community health plans across Charleston, Columbia, Aiken, and Augusta; working towards increasing the adoption and implementation of aligned health activities across the state to increase the cardiovascular health of the population (Workplace Health Solutions, Food and Beverage Toolkit, Target BP, and Check.Change.Control.); management of 3 high functioning boards (1 in Charleston, 1 in CSRA, and 1 in Columbia), and providing support towards reaching the unrestricted field campaign for the market.

Research and Planning Administrator, Community Health and Chronic Disease Prevention Bureau, Department of Health and Environmental Control, 2600 Bull St., Columbia, SC, October 2015 - September 2016. Responsible for the management, development, implementation, reporting, and maintenance of a plan to evaluate environmental strategies to promote and support health and reinforce health behaviors, promotion and adoption of lifestyle change programs for those at risk for diabetes, heart disease, and stroke. Furthermore, we are creating health system interventions to improve the quality of healthcare delivery to populations with pre-diabetes and hypertension around the state. I serve as an active participant in the Diabetes Advisory Council where we are creating a statewide comprehensive diabetes prevention plan and working on the implementation of the South Carolina Obesity Action Plan. I also serve on the Employee Wellness Committee that is agency-wide and aims to increase the overall health and wellbeing of the employees of DHEC. I am also a member of the CHART (Community Health Assessment Resource Tool) Advisory Committee where we worked with OxBow to create a bi-directional community referral tool from scratch for our contracted medical practices within the grant and other partnering organizations to DHEC to increase the coordination of care.

Independent Contractor, South Carolina Hospital Association, Access Health, 100 Center

Point Rd., Columbia, SC, August 2014 – 2016. Planned and implemented a project to identify vulnerable populations within SC to ensure Access Health is reaching its full potential. Examined best practice research and composed reports to provide to network directors throughout the state of SC for implementation. Article writing regarding the on-going work of Access Health in SC in regards to the social determinants of health. Planning and implementing a project to report on the salaries and benefits of all Access Health network employees around the state. Identifying the caseload that case management workers take on stratified by patient intensity within each network. Writing marketing articles regarding the current partnerships between Access Health networks and other organizations within the community.

Acting Executive Director, Dorn Research Institute, 6439 Garners Ferry Rd., Columbia, SC, April 2015 – October 2015. Manage the day to day operations and staff within the Dorn Research Institute. Supervise the Chief of Medicine's clinical research initiatives at the Dorn VA Medical Center while assisting all other PI's clinical research projects within the Institute. Manage projects for several quality improvement efforts within the research department and overall VA processes.

Project Manager/Instructor, Florida State University, Department of Psychology, 600 W. College Ave., Tallahassee, FL, July 2013 – December 2014. Project Manager for a unique suicide prevention research program based at Fort Jackson, SC. A collaborative between Moncrief Army Community Hospital, U.S. Army, Florida State University and Harvard University to screen and monitor emotional stability and outcomes of soldiers at the Recruiting and Retention School. Oversee large project involving many diverse organizations. Guarantee policies and standard operating procedures were meticulously followed from the informed consent process and ensuring quarterly project progress and results were accurately reflected.

Operations Coordinator, Palmetto Health Simulation Center, 3555 Harden Street Ext., Columbia, SC, December 2011 – February 2013. Planned and supervised the work of the 5 team members of the simulation center. Provided support to the staff through oversight of day-to-day operations on projects to enhance efficiency, cost effectiveness, and impact of the team's work. Generated operations, budget, and customer service reports for use in internal and external communications, as well as perform day-to-day budget oversight and track financial movements within the department. Maintained annual quality improvement plans for each activity based on feedback mechanisms and evolving curriculum. Developed business/financial models for new activities as well as long-term expansion plans and grant writing. Served on the Parkridge Operations Committee and the Parkridge Patient Care Committee which was in charge of all the plans for the building of a new hospital in a neighboring town.

Clinical Trials Coordinator, Baromedical Research Foundation, 9 Richland Medical Park, Columbia, SC, August 2008 – December 2011. Supervised multi-center, international clinical trials and projects to elicit compliance with established research protocol and government regulations. Managed clinical data collection through a computerized database from participating research centers around the world; liaise with Principal

Investigator for collection of missing / inconsistent research data; quality assurance of data and protocols. Developed statistical reports for participating sites to assist in evaluating research progress. Supported the principal investigator in the development of study protocols and IRB applications for future clinical studies.

Patient Care Technician III, Palmetto Health Richland Hospital, Emergency Department, 5 Richland Medical Park, Columbia, SC, August 2008 – December 2011. Direct medical support to the ER physicians and nurses in a Level 1 Trauma Center. I served as the Nurse Tech Council Chair for the Emergency Department where I did leadership projects and conflict/issue resolution among nurse technicians. I also served as a SCRUBS Team Member – South Carolina Registry Unites Business Support for Organ Donation Registry where we informed people about the importance of organ donation.

Medical Assistant, Sandhill's Pediatric, 1749 Marshall St., Columbia, SC, May 2005 – August 2006. Direct medical support to the 6 physicians, nurses and daily patients in the downtown pediatric office.

CERTIFICATIONS & TRAINING:

Certificate - Certified Online Learning Training, University of South Carolina - 2021
Certificate – Dementia Specialist, University of South Carolina – 2018
Certificate – L.E.A.D. Supervisory Essentials, University of South Carolina – 2018
Certificate – Research Administration, University of South Carolina – 2017
Certificate – MRI Level 1 Certified, 3T, 2017
Training/Certified – National Institute of Health Stroke Scale (NIHSS), 2017
Training/Certified – Mayo Clinic Dangerous Goods Handling, 2017
Training/Certified – CITI – Biomedical Research Investigator, 2017-2020
Training/Certified – CITI – Good Clinical Practice, 2017-2020
Training/Certified – Montreal Cognitive Assessment (MOCA), 2017
Training/Certified – Modified Rankin Scale (mRS), 2017
Certificate – Needs Assessment, The Evaluators Institute, 2016
Certificate – Yellow Belt, Six Sigma Training, 2016
Certificate – Do It Yourself Geo Apps Course, ESRI, 2016
Certificate – White Belt, Six Sigma Training, 2015
Certificate – Grant Writing, University of South Carolina, 2012
Certificate – Basic Disaster Life Support, NDLS Foundation, 2010

MEMBERSHIPS/LICENSURES:

Member - Medical Group Management Association (MGMA), 2019 - Present
Member – American Heart/Stroke Association, Professional, 2017 – Present
Member – Junior League of Columbia, 2012 - Present
Member – American College of Healthcare Executives (ACHE), 2008 – Present

PROFESSIONAL/ACADEMIC APPOINTMENTS:

Course Coordinator, MBA Healthcare Curriculum, Anderson University, 2021 - Present
Program Assessment Liaison, MBA Healthcare Courses, Anderson University, 2021 - Present
Advisory Board Member - Lexington School District 2, Health Science Technology,

2020 - Present
 Council Member - Post Traditional Program Council, Anderson University, 2020 - Present
 MHA Selection Committee, Health Services Policy & Management Department, Arnold School of Public Health, University of South Carolina, 2020 – Present
 MHA Curriculum Committee, Health Services Policy & Management Department, Arnold School of Public Health, University of South Carolina, 2020 – Present
 Alumni & Faculty Selection Committee, Delta Omega Honor Society, Mu Chapter, 2020 – Present
 Post Traditional Program Council, Anderson University, 2020 - Present
 Course Coordinator, Healthcare Management Curriculum, Anderson University, 2019 - Present
 Program Assessment Liaison, Healthcare Management Program, Anderson University, 2019 - Present
 Secretary - Board of Directors, SC Medical Group Management Association, 2019 - Present
 Board of Directors - SC MGMA - 2019 - Present
 Chair - Big Data Health Science Center, Conference Outreach and Engagement Committee, University of South Carolina, 2019 - Present
 Chair - Big Data Health Science Center, Conference Planning Committee, University of South Carolina, 2019 - Present
 Committee Member - Big Data Health Science Center, Project Committee, University of South Carolina, 2019 - Present
 Board of Directors - Ronald McDonald House, Columbia, 2019 - Present
 Chair – South Carolina American College of Healthcare Executives (SCACHE) Programs and Education Committee, 2014 – Present
 Chair – SCACHE Midlands Chapter, 2014 – Present
 Committee Member – SCACHE Sponsorship Committee, 2014 – Present
 Board of Directors – SCACHE State Chapter, 2014 – Present
 Stroke Council, American Heart Association, 2017 – Present
 Ronald McDonald House Gala Planning Committee, 2018 – Present
 Stroke Advisory Council, SCDHEC Council Member, 2016 – Present
 Co-Chair – Junior League of Columbia Healthy Start Committee, 2013 – 2019
 Community Council – Junior League of Columbia, 2015 – 2019
 LiveWell Columbia Coalition, Coalition Member, 2016 - 2017
 LiveWell Columbia Children’s Health Subcommittee, Subcommittee Member, 2016-2017
 SC Heart and Stroke Alliance, Alliance Member, 2016-2017
 Healthy Outcomes Plan, HOP Committee Member, 2016 - 2017
 SCaledown, IMPH, Member, 2016- 2017
 Close the Gap Coalition, Coalition Member, 2016 - 2017
 Health Council – United Way of the Midlands, Committee, 2015 – 2017

ACADEMIC/PROFESSIONAL AWARDS/HONORS:

Recipient – Chapter Service Award, American College of Healthcare Executives, 2018
 Recipient – Early Career Healthcare Executive Award, American College of Healthcare

Executives Regent Award, 2017
Nominated Member – Delta Omega Honorary Society in Public Health – Mu Chapter,
2013
Member – Golden Key National Honors Society, 2013 – 2015
Member – Delta Epsilon Iota Academic Honors Society, 2013-2014
Recipient – Lettie Pate Whitehead Scholarship, University of South Carolina, 2014
Nominated Member – Sanford Who’s Who, 2010-2011
Recipient – Arnold School of Public Health 2010 Outstanding Student Achievement
Award, 2010
Recipient – Foster G. McGaw Scholarship, American College of Healthcare Executives,
2009

PROFESSIONAL CONFERENCE PRESENTATIONS:

Presenter - International Stroke Conference. Topic: Incidence and Prevalence of
Headache in Cranio-cervical Artery Dissection Patients. (2019)
Presenter – International Stroke Conference. Topic: Periodontal Disease and Incident
Atrial Fibrillation in ARIC. (2018)
Presenter – Neurology Grand Rounds Palmetto Health Richland: Change in Antiplatelet
Therapy in Secondary Stroke Prevention Study. (2018)
Presenter - American College of Healthcare Executives. Chapter Leaders Conference:
Developing Programs that Increase Attendance and Satisfaction/Unique
Education Programs for Members. (2018)
Presenter – Alzheimer’s Association State Research Conference. Topic: USC School of
Medicine Research Infrastructure and Projects (2018)
Presenter - American College of Healthcare Executives. Chapter Leaders Conference:
Planning for Your Chapter’s Future with Strategic Planning (2016).
Presenter- American College of Healthcare Executive. Chapter Leaders Conference: How
Implement Active Local Programming Chapters. (2015).
Speaker – Category I Speaker for the American College of Healthcare Executives. Topic:
Simulation in Healthcare. (2012)
Speaker – Category I Speaker for the American College of Healthcare Executives. Topic:
Cultural Competency in Healthcare. (2009)

ACADEMIC/PROFESSIONAL CONFERENCES ATTENDED:

American College of Healthcare Executives Congress on Healthcare Leadership, Virtual - 2021
International Stroke Conference, Virtual, 2021
South Carolina Neurological Association Meeting, Hilton Head, SC – 2020
International Stroke Conference, Los Angeles, CA – 2020
Integrated Health Symposium, Columbia, SC - 2019
Healthcare Leadership Conference, Columbia, SC - 2019
International Stroke Conference, Honolulu, HI - 2019
International Stroke Conference, Los Angeles, CA – 2018
South Carolina Neurological Association, Annual Meeting, Hilton Head, SC – 2018
American College of Healthcare Executives Leaders Conference, Chicago, IL – 2018
Alzheimer’s Association State Research Conference, Columbia, SC – 2018
South Carolina Public Health Association Annual Conference, Charleston, SC – 2016
Chronic Disease Symposium, Myrtle Beach, SC – 2016

American Evaluators Association, Summer Institute, Atlanta, GA – 2016
The Evaluators Institute, George Washington University, Washington D.C. – 2016
American College of Healthcare Executives Leaders Conference, Chicago, IL - 2016
Obesity Summit, East Smart Move More South Carolina, Columbia, SC – 2016
American College of Healthcare Executives Annual Meeting, Columbia, SC – 2015
American College of Healthcare Executives Leaders Conference, Chicago, IL – 2015
Obesity Summit, Eat Smart Move More South Carolina, Columbia, SC – 2015
Eat Smart Move More South Carolina Consortium, Columbia, SC – 2014
American College of Healthcare Executives Annual Meeting, Columbia, SC – 2014

ACCEPTED ABSTRACTS:

Brittany McMillian, S.T. Phillips, **Kolby Redd**, et al. Periodontal Treatment to Eliminate Minority Inequality and Rural Disparities in Stroke (PREMIERS): A Multicenter, Randomized, Controlled Study. ISC 2020.

Kolby Redd, Lauren Rosati, Mihyun Lim, et al. Incidence and Prevalence of Headache in Cranio-cervical Artery Dissection Patients. ISC 2019.

Tushar Trivedi, Michelle Androulakis, **Kolby Redd**, et al. Is Low Heart Rate Variability, A Marker of Autonomic Dysfunction, The Missing Link Between Migraine with Visual Aura and Cardioembolic Stroke. ISC 2019.

Lauren Rosati, **Kolby Redd**, Souvik Sen, et al. Early Anticoagulation or Antiplatelet Therapy is Critical in Cranio-cervical Artery Dissection: Results from the COMPASS Registry. ISC 2019.

Jillian Prier, **Kolby Redd**, Ronit Kulkarni, et al. Early and Extended Time Window Prehospital Large Vessel Occlusion Scale Application: A Retrospective Analysis. ISC 2019.

Kolby Redd, Souvik Sen, Kevin Moss, et al. Periodontal Disease and Incident Atrial Fibrillation in the Atherosclerosis Risk in Communities Study. ISC 2018.

Mihyun Jane Lim, **Kolby Redd**, Lauren Giamberardino, et al. Change in Antiplatelet Therapy in Prevention of Secondary Stroke (CAPS2) Study. ISC 2018.

POSTER PRESENTATIONS:

Brittany McMillian, S.T. Phillips, **Kolby Redd**, et al. Periodontal Treatment to Eliminate Minority Inequality and Rural Disparities in Stroke (PREMIERS): A Multicenter, Randomized, Controlled Study. ISC 2020.

Jillian Prier, **Kolby Redd**, Ronit Kulkarni, et al. Early and Extended Time Window Prehospital Large Vessel Occlusion Scale Application: A Retrospective Analysis. ISC 2019.

Kolby Redd, Lauren Rosati, Mihyun Lim, et al. Incidence and Prevalence of Headache in Cranio-cervical Artery Dissection Patients. ISC 2019.

Olivia Bogle, Anna Cook, Jane Lim, Souvik Sen, **Kolby Redd**. DESIRE Intracerebral Hemorrhage Registry: Initial enrollment findings, USC Discovery Day, 2019.

Prier, J, Kulkarni, R, Fredette, S, **et al**. Holy Stroke: A Survey of Cardiovascular Risk Factors in the Stroke Buckle Church Community. SCHA/DHEC Healthy State. October 2018.

Kolby Redd, Souvik Sen, Kevin Moss, et al. Periodontal Disease and Incident Atrial Fibrillation in the Atherosclerosis Risk in Communities Study. ISC 2018.

Mihyun Jane Lim, **Kolby Redd**, Lauren Giamberardino, et al. Change in Antiplatelet

Therapy in Prevention of Secondary Stroke (CAPS2) Study. ISC 2018.
Enzeanya, Nneora, Sen, Souvik, **Redd, Kolby**. Gum Disease in Stroke Patients.
SC-ADART, Summer Research Symposium, Poster Presentation. July 2017.
Synder, Bennett, Cai, **et al**. A Comprehensive Simulation Modeling Methodology to Reduce
Health Care Process Redesign Risk. AMIA 2014.

ORAL PRESENTATIONS

Tushar Trivedi, Michelle Androulakis, **Kolby Redd**, et al. Is Low Heart Rate Variability, A
Marker of Autonomic Dysfunction, The Missing Link Between Migraine with Visual
Aura and Cardioembolic Stroke. ISC 2019.
Lauren Rosati, **Kolby Redd**, Souvik Sen, et al. Early Anticoagulation or Antiplatelet Therapy
is Critical in Cranio-cervical Artery Dissection: Results from the COMPASS Registry.
ISC 2019.

SUBMITTED/PENDING PUBLICATIONS:

Kolby T. Redd, PhD, MHA, James Curtis, DMD, Phil Fleming, RN, et al. Racial Differences In
K-strain Of Streptococcus Mutans In Intracerebral Hemorrhage Patients. Abstract. International
Stroke Conference. Submitted.

Miroslav Cuturic, MD; Ruth K. Abramson, Ph.D.; Janice G Edwards, M.S.; **Kolby T. Redd**,
Ph.D.; Souvik Sen, M.D. Serum Carnitine Levels in an Outpatient Huntington's Disease
Population, A Retrospective Record Review. Neurological Sciences, Submitted.

Kolby T. Redd PhD, MHA, Souvik Sen MD, MS, MPH, Kevin Moss, *et al*. Periodontal
Disease as Risk Factor for Incident Atrial Fibrillation. Submitted. (Stroke AHA Journal)

Addie Middleton, Souvik Sen, **Kolby Redd**, Christine Holmstedt, Robert Adams.
Antithrombotic and cholesterol-reducing medication use among stroke patients: a retrospective
cohort study. *Journal of Stroke and Cerebrovascular Diseases*. Submitted.

PUBLICATIONS:

Souvik Sen MD, MS, MPH, **Kolby Redd PhD**, Tushar Trivedi MD, et al. Periodontal Disease,
Atrial Fibrillation and Stroke. American Heart Journal. Accepted Jan 2021
Lauren M M Rosati, Alexandra Vezzetti, **Kolby T Redd**, Brittney McMillian, Lauren
Giamberardino, Nishanth Kodumuri, Ravish Kothari, Anil V Yallapragada, Souvik Sen.
(2020) Early Anticoagulation or Antiplatelet Therapy is Critical in Cranio-Cervical
Artery Dissection: Results from the COMPASS Registry. *Cerebrovascular Diseases* 49:4,
2020. DOI:10.1159/000509415
Redd KT, Phillips ST, McMillian B, Hardin J, Glover S, et al. (2019) Periodontal Treatment to
Eliminate Minority Inequality and Rural Disparities in Stroke (PREMIERS): A Multicenter,
Randomized, Controlled Study. *Int J Cerebrovasc Dis Stroke* 2:121. DOI: 10.29011/2688-
8734.000021
Sen S, **Redd K**, Lim M, et al. Change in Antiplatelet Therapy in Prevention of Secondary Stroke
(CAPS2) Study. *Journal of Neurological Disorders*. 6:3, 2018. DOI: 10.4172/2329-
6895.1000385
Redd, K. (2018). New Stroke Guidelines Extend the Window for Mechanical Thrombectomy.

Neuroscience: Palmetto Health 4:2, 8-9.

Redd, K. (2018). 2018 SCNA Annual Meeting in Hilton Head offered Enlightenment and Fun.
Neuroscience: Palmetto Health 4:2, 10-11.

FUNDED RESEARCH/ GRANTS/CLINICAL TRIALS/REGISTRIES:

Current Studies:

Title: DisparitiES In intracerebral hEmorrhage study (DESIRE)

Role: Primary Investigator

Source: Internal funding

Period: 06/1/2018 – 12/31/2021

Brief description: Investigator Initiated Longitudinal Prospective Observational Patient Registry of stroke patients who experiences an intracerebral hemorrhage.

Previous Studies:

Grant number 1 R01 MD009738

Title: PeRiodontal treatment to Eliminate Minority InEquality and Rural disparities in Stroke (PREMIERS)

Role: Scientific Personnel **Site:** USC Columbia and UNC Chapel Hill

Effort: 10%

Source: National Institute of Minority Health Disparity (NIMHD)

Grant Period: 2015-2020

Brief description: PREMIERS is a two-center phase III randomized controlled trial that will include consenting patients from the University of South Carolina and the University of North Carolina who have been admitted with recent ischemic stroke or TIA.

Grant number: 1 U10 NS086490-01

Title: South Eastern Collaborative Alliance for Stroke Trials (SE-CoAST)

Role: Scientific Personnel **Site:** USC School of Medicine

Effort: 12%

Source: National Institute of Neurological Disease and Stroke (NINDS)

Grant Period: 2014-2023

Brief description: The South Eastern Collaborative Alliance for Stroke Trials (SE-CoAST) Network is a unique collaboration between 4 academic medical centers, the Medical University of South Carolina, the University of South Carolina, the Greenville Health System, and Augusta University, situated in the heart of the Stroke Belt. The overall goals of the SE-CoAST Network are: 1) to expand the SC state-wide stroke organization to improve stroke care and research; 2) to leverage the SE-CoAST collaboration to become a leading center within the STN; 3) to utilize SE-CoAST preclinical researchers in developing potential interventions for study within the STN; and 4) to engage SE-CoAST senior leaders in identifying, mentoring, and training young clinician-scientists at this formative stage of their career development.

Title: Change in Antiplatelet Therapy in Prevention of Secondary Stroke (CAPS2)

Role: Co-Investigator **Site:** USC School of Medicine and Palmetto Health Richland

Source: Internal funding

Period: 1/1/2015 – 12/31/2018

Brief description: CAPS2 Pilot is a three year single-center pilot research project to create a

national, sustainable model to improve decision-making and patient-centered secondary stroke prevention through comparative effectiveness research.

Title: COMparative effectiveness of treatment options using Propensity score methods in cervical Artery dissection (COMPASS)

Role: Co-Investigator **Site:** USC School of Medicine and Palmetto Health Richland

Source: Internal funding

Period: 1/1/2015 – 12/31/2018

Brief description: COMPASS Pilot is a three year single-center pilot research project to create a national, sustainable model to improve decision-making and patient-centered cervical artery dissection through comparative effectiveness research.

Title: Prospective Young Stroke Questionnaire Validation (YSQ)

Role: Co-Investigator **Site:** USC School of Medicine

Source: Internal funding

Period: 2/1/2016 – 12/31/2019

Brief description: YSQ is a one-year single-center pilot research project to further build upon the knowledge and understanding of young stroke and the specificities of treatment, management, and long term outcome that are relevant to young stroke survivors.

Title: Longitudinal Study of Young Patients with Embolic Stroke of Undetermined Source (ESUS)

Role: Co-Investigator

Source: Bayer AG and Hamilton Health Sciences

Period: 9/1/2017 – 12/30/2021

Brief description: Investigator Initiated Longitudinal Prospective Observational Patient Registry of stroke patients who experiences an embolic stroke of undetermined source.

STUDENT MENTORSHIP:

Ronit Kulkarni - Honors College; Research Assistant, University of South Carolina, DESIRE Project Mentor (2021)

Shrey Patel - Honors College; Research Assistant, University of South Carolina, DESIRE Project Mentor (2019)

William Stallings - Honors College; Research Assistant, University of South Carolina, DESIRE Project Mentor (2019)

Trey Buck - Pre-Dental Student Experience; Research Assistant, University of South Carolina, Project Mentor (2019)

Clare Stone – Capstone Scholar Undergraduate Student – Independent Study in Research, Independent Study Scientific Mentor (2019)

Sarah Wohlrab – Honors College Undergraduate Student – BARSC Committee Member, University of South Carolina (2018)

Lauren Rosati – Medical Student – Cardiovascular Research Experience Program (CREP) Recipient for COMPASS Project; Project Mentor (2017-2018)

Olivia Bogle – Capstone Scholar Student – Magellan Scholar Recipient for DESIRE Project; Project Mentor (2018)

Anna Cook – Capstone Scholar Student – Magellan Scholar Recipient for ICH Registry Project; Project Mentor (2018)

Emily Weinstein – Senior Research Project with CAPS2 and COMPASS Project; Project Mentor (2017)

Mihyun Lim – Medical Student – Cardiovascular Research Experience Program (CREP) Recipient for CAPS2 Project; Project Mentor (2017)

Nneora Ezeanya – Undergraduate Student – SC-ADAR Summer Research Program Fellowship recipient for PREMIERS Project; Project Mentor (2017)

REFERENCES:

Available upon request.