

Rachael Nicole Reed, DrPH, MPH

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Public Health Researcher and Educator

Versatile, results-driven, health equity change agent with over 10 years of health education and promotion experience as well as research experience. Collaborative leader with exemplary work ethic and interpersonal abilities. A dedicated academician with experience in CBPR and qualitative research.

Expertise

Race/Racism and Health ♦ Health Inequities ♦ Community Engagement/Community – Based Participatory Research ♦ Chronic Disease Prevention in Underserved, At-Risk Populations ♦ Social and Structural Determinants of Health

Education

Loma Linda University; Loma Linda, CA 2019
DOCTOR OF PUBLIC HEALTH – PREVENTIVE CARE

Georgia Southern University – Armstrong Campus; Savannah, GA 2012
MASTER OF PUBLIC HEALTH – COMMUNITY HEALTH

Xavier University of Louisiana; New Orleans, LA 2010
BACHELOR OF SCIENCE IN BIOLOGY
Minor: Chemistry

Professional Experience

ASSISTANT PROFESSOR 2024 – PRESENT
School of Public Health – Community Health Sciences & Policy Program
Louisiana State University Health Sciences Center; New Orleans, LA

CHAIR, ASSISTANT PROFESSOR, & COORDINATOR OF PUBLIC HEALTH 2020 – 2024
School of Population & Health Sciences
Dillard University; New Orleans, LA

ADJUNCT FACULTY IN PUBLIC HEALTH 2017 – 2022
Online Master of Public Health Program
Southern New Hampshire University; Manchester, NH

STROKE OUTREACH COORDINATOR 2018 – 2020
Comprehensive Stroke Center
PIH Health Good Samaritan Hospital; Los Angeles, CA

PREVENTIVE CARE CLINICIAN 2013 – 2017
Preventive Care Clinic
Loma Linda University Health; Loma Linda, CA

PART-TIME ONLINE INSTRUCTOR College of Health Professions – Department of Health Sciences Georgia Southern University – Armstrong Campus; Savannah, Ga	2015 – 2017
DIETETICS INTERN (SUPERVISED PRACTICE) Nutrition Services Department PIH Health Whittier Hospital; Whittier, CA	2017 – 2018
RESEARCH ASSISTANT Behavioral Health Institute Loma Linda University Health; Loma Linda, CA	2015 – 2016
GRADUATE TEACHING ASSISTANT School of Public Health Loma Linda University; Loma Linda, CA	2015
PEER HEALTH ADVISOR Student Health Center University of California, Riverside; Riverside, CA	2014 – 2015
WELLNESS COORDINATOR Center for Spiritual Life and Wholeness Loma Linda University Health; Loma Linda, CA	2013 – 2014

Research and Scholarship

Current Grant Support

HUMANA HEALTHY HORIZONS

Title: Assessing Respectful Maternity Care and Community Resources among Black Birthing People in Southeast Louisiana

Funding Amount: \$50,000

Project Period: March 2024 – December 2024

Role: Principal Investigator

U.S. DEPARTMENT OF AGRICULTURE/NATIONAL INSTITUTE OF FOOD AND AGRICULTURE (HIGHER EDUCATION CHALLENGE PROGRAM)

Title: Collaborating to Increase Diversity in Nutrition and Dietetics

Funding Amount: \$748,069 (Subaward: \$90,002)

Project Period: September 2023 – August 2026

Role: Site Principal Investigator

NATIONAL INSTITUTES OF HEALTH – U54 (IMPROVE INITIATIVE)

Title: Southern Center for Maternal Health Equity

Funding Amount: \$16,500,000 (Subaward: \$1,160,999)

Project Period: August 2023 – July 2030

Role: Site Principal Investigator and Training Core Co-Lead

U.S. DEPARTMENT OF AGRICULTURE/NATIONAL INSTITUTE OF FOOD AND AGRICULTURE (GUSNIP PRODUCE INCENTIVE PROGRAM)

Title: Pathways for Produce Prescriptions in Diabetes Management

Funding Amount: \$500,000

Project Period: September 2022 – September 2025

Role: Co-Investigator

Grants In Progress/Submitted

NATIONAL INSTITUTES OF HEALTH – R01

Title: Examining the association between household air pollution and indicators of cardiovascular disease in a general population sample.

Estimated Project Period: September 2024 – August 2029

Funding Amount: \$2,500,000

Role: Co – Investigator

Collaborators: Tulane University School of Public Health and Tropical Medicine

Status: Submitted

PATIENT-CENTERED OUTCOMES RESEARCH INSTITUTE (PCORI)

Title: Patient and Community Engagement in Pediatric Asthma Research

Estimated Project Period: March 2025 – February 2028

Funding Amount: \$1,500,000

Role: Co – Investigator

Collaborators: Tulane University School of Public Health and Tropical Medicine

Status: Submitted

NATIONAL INSTITUTES OF HEALTH – R21

Title: Prioritizing Equity: A mixed-methods analysis of the individual and neighborhood level impact of gentrification in New Orleans

Estimated Project Period: July 2025 – June 2027

Funding Amount: \$275,000

Role: Principal Investigator

Collaborators: Dillard University and Fayetteville State University

Status: In Progress

Previous Grant Support

CENTERS FOR DISEASE CONTROL AND PREVENTION

Title: Coordinated training and evaluation of pest management, vector control district, public health, sanitary, and animal health professionals to achieve an integrated workforce to mitigate community vector-borne disease risk in the Gulf Coast region

Project Period: July 2023 – June 2024

Funding Amount: \$1,643,463 (Subaward: \$100,190)

Role: Site Principal Investigator and Academic Education Subcommittee Co-Lead

DILLARD UNIVERSITY RESEARCH ENGAGEMENT AND INNOVATION INITIATIVE

Title: Assessing Knowledge, Attitudes, and Concerns Towards COVID-19 Vaccination Among Adults in Southeast Louisiana

Funding Amount: \$20,000

Project Period: April 2021 – September 2022

Role: Principal Investigator

ANTHEM FOUNDATION

Title: High School Stroke Prevention Video Contest

Funding Amount: \$10,000

Project Period: January 2019 – May 2020

Role: Program Director

CALIFORNIA COMMUNITY FOUNDATION

Title: Community-Driven Programming to Address Stroke Morbidity and Mortality in South Los Angeles

Project Period: March 2018 – May 2020

Funding Amount: \$500,000

Role: Program Director

Peer-Reviewed Articles

Caron, R., Noel, K., **Reed, R.N.**, Sibel, J., Smith, H. (2023). Health Promotion, Health Protection, and Disease Prevention: Challenges and Opportunities in a Dynamic Landscape. *AJPM Focus*. doi: <https://doi.org/10.1016/j.focus.2023.100167>

World Federation of Public Health Associations (2018). The Future of Public Health: Engaging Students and Young Professionals. *Journal of Public Health Policy*, 39, 454–458. <https://doi.org/10.1057/s41271-018-0143-y>. [Contributing Author]

Published Reports/Technical Reports

National Consortium for Public Health Workforce Development (2023). Public Health Pathway Programs: An urgently needed, valuable intervention to strengthen the government public health workforce. <https://debeaumont.org/wp-content/uploads/2024/01/PublicHealthWorkForce-PathwayPrograms-Screen.pdf>. [Contributing Author]

Manuscripts Under Review

Goldin Evans, M., Wallace, M.E., Bazzano, A.N., Biggio, J.R., Callison, K., Cruz, K., Gamble, A., Green, C., Jah, Z., Longo, S., Perez, S., **Reed, R.N.**, Shaffer, J.G., Shi, L., Harville, E., and The Southern Center for Maternal Health Equity Research Consortium (submitted 2024). The Southern Center for Maternal Health Equity (SCMHE): A Multisector Multifaceted Community-Based Approach to Reduce Disparities in Maternal Morbidity and Mortality in the Gulf South. *Frontiers in Public Health*

Olaniyan, A., Sanyaolu, O., Merianos, A. L., **Reed, R.N.** (submitted 2024). Navigating the Landscape: A scoping review of current stakeholders and interventions in preventing e-cigarette use among young adults. *Health Behavior Research*

Peer-Reviewed Abstracts/Paper Presentations

Reed, R., Martinez, D., Hanzy, J., Williams, K. (2024, October). Assessing respectful maternity care and community resources among black birthing people in Southeast Louisiana. 152nd American Public Health Association Annual Meeting & Exposition, Minneapolis, MN. [roundtable presentation]

Brown, E., **Reed, R.**, Martinez, D. (2024, March). Where do we stand in educating undergraduate public health students? Preliminary results of a benchmark analysis of accredited, baccalaureate public health-related programs in the southern United States. 81st Teaching Prevention Conference, Alexandria, VA. [oral presentation]

Reed, R., Blackman, K., Webb, D. (2023, November). Vaccination, Hesitation, Discrimination, OH MY: The impact of perceived discrimination on COVID-19 vaccination in southeastern Louisiana adults. 151st American Public Health Association Annual Meeting & Exposition, Atlanta, GA. [oral presentation]

- Reed, R.,** Blackman, K., Webb, D. (2023, November). Differential Experiences of Discrimination and Religious Involvement in American and Caribbean Blacks: The importance of disaggregated race data in achieving health equity. 151st American Public Health Association Annual Meeting & Exposition, Atlanta, GA. [poster presentation]
- Mack, Z., **Reed, R.** (2023, November). Barriers to Prenatal Care in Low-Income, Minority Women in New Orleans, LA: A pilot needs assessment. 151st American Public Health Association Annual Meeting & Exposition, Atlanta, GA. [poster presentation]
- Blackman, K., Mason, J., **Reed, R.,** Hall, J., Gilchrist, B., Owens, S., Pressley-Cantrell, L. (2023, November). Assessment of Cardiovascular Disease Impact Perception on Southern HBCU Students. 151st American Public Health Association Annual Meeting & Exposition, Atlanta, GA. [roundtable presentation]
- Reed, R.,** Webb, D. (2023, March). Vaccine Equity: Barriers and Lessons Learned. 80th Teaching Prevention Conference, New Orleans, LA. [oral presentation]
- Reed, R.** (2018, November). Discrimination, Diabetes Prevalence, and Religion in American and Caribbean Blacks. 146th American Public Health Association Annual Meeting & Exposition, San Diego, CA. [oral presentation]
- Reed, R.,** Lee, J. W. (2017, November). Discrimination and Glucose Control in American and Caribbean Blacks. 145th American Public Health Association Annual Meeting & Exposition, Atlanta, GA. [poster presentation]
- Gober-Park, C., McMillan, K., **Reed, R.,** Lozano, K. (2013, October). CLEAR: Whole Person Care Model for the Health Sciences Professions. 1st International Congress on Whole Person Care, Montreal, Canada. [poster presentation]
- Reed, R.,** Plaspohl, S., Rich, L. (2012, April). Combating the Freshman 15: The Effect of Weight Perception on Weight Loss in College Freshman. 83rd Georgia Public Health Association Annual Conference, Atlanta, GA. [poster presentation]

Teaching and Mentorship

Courses Facilitated

DILLARD UNIVERSITY

2020 - 2024

- PBH 111 – Introduction to Population/Global Health; Undergraduate; All modalities
- PBH 203 – Mass Communication in Public Health; Undergraduate; Hybrid
- PBH 208 – Health Communication & Informatics; Undergraduate; Traditional
- PBH 211 – Principles of Health Equity; Undergraduate; Traditional
- PBH 300 – Junior Seminar; Undergraduate; Traditional
- PBH 301 – Needs Assessment in Public Health; Undergraduate; Hybrid and Traditional
- PBH 307 – Research Methodology; Undergraduate; All modalities
- PBH 311 – Health and Human Development; Undergraduate; Traditional
- PBH 315 – Principles of Disease Prevention and Control; Undergraduate; Traditional
- PBH 401 – Health Program Planning and Evaluation; Undergraduate; Traditional

SOUTHERN NEW HAMPSHIRE UNIVERSITY

2017 - 2022

- IHP 515 – Population-Based Epidemiology; Graduate; Online
- PHE 500 – Principles of Public Health; Graduate; Online
- PHE 505 – Research Methods in Public Health; Graduate; Online
- PHE 540 – Principles of Environmental Health; Graduate; Online

PHE 610 – Health Policy and Management; Graduate; Online

GEORGIA SOUTHERN UNIVERSITY – ARMSTRONG CAMPUS

2015 – 2017

HSCP 2050 – Introduction to Disease Continuum; Undergraduate; Online

HSCP 4010 – Health and Human Development; Undergraduate; Online

LOMA LINDA UNIVERSITY

2015

HPRO 500 – Stress Management; Graduate; Online

Mentoring and Preceptor/Practicum Advising

Undergraduate Students

KIARSTON BLACKMAN

Project Title: Project #1 – Assessment of Cardiovascular Disease Impact Perception in Southern HBCU Students. **First Place Winner;** Project #2 – Conducting a Scoping Review to Assess Socioeconomic Disparities in Uterine Fibroid Awareness and Treatment

QUANTEZ BROOKS

Project Title: Seizure First Aid Awareness and Certification Training in Southern HBCU students

ANYX BURD

Project Title: Addressing Food Insecurity in Southern HBCU Students

D'NYLA DEAN

Project Title: Food and nutrition-related knowledge, attitudes, and practices among young minority reproductive age women

BYRON HALL

Project Title: Project #1 – Assessing a nutrition and fitness program in Southern HBCU Students; Project #2 – Assessment of Cardiovascular Disease Impact Perception in Southern HBCU Students

NYA LOVE

Project Title: Assessing Knowledge, Attitudes, and Concerns Towards COVID-19 Vaccination Among Adults in Southeast Louisiana

ZOEY MACK

Project Title: Assessing barriers to prenatal care in low income, minority women living in New Orleans housing developments

DANIEL MARTINEZ

Project Title: Project #1 – Assessing a nutrition and fitness program in Southern HBCU Students; Project #2 – Evaluation of an Integrated Program to Diversify Careers in Vector Control; Project #3 – Assessing Respectful Maternity Care and Community Resources among Black Birthing People in Southeast Louisiana

JAZZMINE MASON

Project Title: Assessment of Cardiovascular Disease Impact Perception in Southern HBCU Students

ASIA WALKER

Project Title: Assessing Mental Status and Food Security in Southern HBCU Students

DERRICK WEBB

Project Title: Assessing Knowledge, Attitudes, and Concerns Towards COVID-19 Vaccination Among Adults in Southeast Louisiana

TWAYNA WILLIAMS

Project Title: Implementation and Evaluation of the American Lung Association's Breathe Well, Live Well Program at a Southern HBCU

FATOU JALLOW

Project Title: Implementation of a Community-Driven Stroke Prevention Program

Graduate Students

KYLA BARON

Program: Master of Public Health in Urban Health Disparities (Charles R. Drew University of Medicine and Science)

Project Title: Implementation and Evaluation of a Community-Driven Stroke Prevention Program

HYEJIN (ANGELA) CHO

Program: Master of Public Health in Community Health Sciences (University of California – Los Angeles)

Project Title: Implementation and Evaluation of a Community-Driven Stroke Prevention Program

CANDACE WILLIAMS

Program: Master of Public Health in Urban Health Disparities (Charles R. Drew University of Medicine and Science)

Project Title: Implementation and Evaluation of a Community-Driven Stroke Prevention Program and High School Stroke Prevention Video Contest

CHELSEY WILLIAMS

Program: Master of Public Health in Community Health Sciences (University of California – Los Angeles)

Project Title: Implementation and Evaluation of a Community-Driven Stroke Prevention Program

Invited Talks

NASEM'S GULF RESEARCH PROGRAM – GULF HEALTH & RESILIENCE BOARD OCTOBER 2023
Panelist

Topic: Equitable Approaches to Community Engagement

WWL CHANNEL 4 NEWS – NEW ORLEANS SEPTEMBER 2023
Commentator

Topic: BeyGOOD Donation and the Need for Health Equity and Diversity in Healthcare

NEW YORK STATE ASSOCIATION OF COUNTY HEALTH OFFICIALS MEETING JUNE 2022
Keynote Speaker

Topic: Vaccine Equity: Lessons Learned from the COVID-19 Pandemic

FOX 8 NEWS – NEW ORLEANS MARCH 2022
Commentator

Topic: Diversity in Healthcare

UNIVERSITY AT ALBANY SPH PUBLIC HEALTH LIVE! WEBCAST Keynote Panelist Topic: Addressing Influenza and COVID-19 Immunization Health Inequities	NOVEMBER 2021
KING/DREW MAGNET HIGH SCHOOL CAREER DAY Keynote Speaker Topic: Health Disparities, Race, and Discrimination: An Introduction to Public Health	MAY 2020
LOMA LINDA HEALTH STROKE SYMPOSIUM Speaker (Cancelled Due to COVID-19) Topic: Ensuring Health Equity: Engaging Community and Addressing Social Determinants of Health in Stroke Prevention	MAY 2020
FIRST LADIES HEALTH DAY Speaker Topic: Stroke Awareness	OCTOBER 2019
CDC/UCLA PUBLIC HEALTH SCHOLARS CAREER PANEL Panelist Topic: Careers in Public Health	JULY 2019
INLAND EMPIRE STROKE COORDINATOR MEETING Keynote Speaker Topic: Ensuring Health Equity: Engaging Community and Addressing Social Determinants of Health in Stroke Prevention	AUGUST 2019
CENTRAL AVENUE JAZZ FESTIVAL HEALTH LOUNGE Speaker Topic: Stroke Awareness	JULY 2019
LOS ANGELES COUNTY STROKE COORDINATORS MEETING Keynote Speaker Topic: Ensuring Health Equity: Engaging Community and Addressing Social Determinants of Health in Stroke Prevention	JUNE 2019

Leadership & Service

International Service

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

Private Sector Advisor – US Delegation to the 67th World Health Assembly 2014

National Service

ASSOCIATION FOR PREVENTION TEACHING AND RESEARCH

Member – Board of Directors 2023 – PRESENT
Teaching Prevention 2024 Planning Committee 2023 – 2024
Teaching Prevention 2023 Planning Committee 2022 – 2023

AMERICAN JOURNAL OF PREVENTIVE MEDICINE FOCUS

Editorial Board Member 2022 – PRESENT

AMERICAN PUBLIC HEALTH ASSOCIATION

Committee on Bylaws 2022 – PRESENT
Chair – Intersectional Council 2019 – 2022

Elected Member – Intersectional Council Steering Committee	2018 – 2022
Executive Board – Ex-Officio Member	2020 – 2021, 2016 – 2017
Secretary – Public Health Education and Health Promotion Section	2019 – 2021
Chair – Student Assembly	2015 – 2018
Secretary – Student Assembly	2013 – 2015
Campus Liaison Subcommittee Co-Chair – Student Assembly	2012 – 2013

NATIONAL CONSORTIUM FOR PUBLIC HEALTH WORKFORCE DEVELOPMENT

Pathways Subgroup Member	2023
Working Group Member	2022 – 2023

Regional, State, and Local Service

TULANE UNIVERSITY BYWATER INSTITUTE

Community Advisory Board – Steering Committee Member	2023 – PRESENT
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LOUISIANA INTERPROFESSIONAL CONSORTIUM

Steering Committee Member	2022 – PRESENT
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AMERICAN STROKE ASSOCIATION

Western States Stroke Committee – Southern California Representative	2019 – 2020
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SOUTHERN CALIFORNIA PUBLIC HEALTH ASSOCIATION

Secretary	2013
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University Service

LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER

Faculty Assembly	2024 – PRESENT
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DILLARD UNIVERSITY

Secretary – Faculty Senate & Faculty Assembly	2023 – 2024
Curriculum Committee	2023 – 2024
Faculty Senate	2020 – 2024
Faculty Assembly	2020 – 2024
Public Health Club Faculty Advisor	2020 – 2024
General Education Committee	2021 – 2022
Chair – Faculty Evaluation Ad-Hoc Committee	2021

GEORGIA SOUTHERN UNIVERSITY – ARMSTRONG CAMPUS

Housing Representative – Tobacco Control Task Force	2011 – 2012
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Review Boards

GRANT REVIEWER

Administration for Community Living (ACL)	2022 – PRESENT
National Academies of Sciences, Engineering, And Medicine	2022 – PRESENT
Air Force Office of Scientific Research	2021 – PRESENT
Health Resources and Services Administration (HRSA)	2017 – PRESENT

PEER REVIEWER

American Journal of Preventive Medicine <i>Focus</i>	2022 – PRESENT
Journal of the National Medical Association	2017 – PRESENT

ABSTRACT REVIEWER

American Public Health Association; 149 th Annual Meeting	2021
American Public Health Association; 148 th Annual Meeting	2020
American Public Health Association; 146 th Annual Meeting	2018
American Public Health Association; 144 th Annual Meeting	2016
American Public Health Association; 140 th Annual Meeting	2012

Honors and Awards**2022 ELEVATE FELLOW**

2022

Rutgers University Center for Minority Serving Institutions

GLEN BLIX AWARD FOR EXCELLENCE IN PREVENTIVE CARE

2017 & 2014

Loma Linda University School of Public Health

AWARD FOR STUDENT LEADERSHIP IN PUBLIC HEALTH

2014

Southern California Public Health Association

TOP 40 UNDER 40 YOUNG ALUMNI AWARD

2014

Xavier University of Louisiana

CHAIR CITATION AWARD

2013

American Public Health Association Student Assembly

Professional Memberships

National Center for Faculty Development and Diversity	2021 – PRESENT
Louisiana Public Health Association	2020 – PRESENT
Delta Omega Honorary Society in Public Health – Gamma Theta Chapter	2012 – PRESENT
American Public Health Association	2012 – PRESENT
Delta Sigma Theta Sorority, Incorporated	2008 – PRESENT
Southern California Public Health Association	2012 – 2020
Georgia Public Health Association	2010 – 2012