

CURRICULUM VITAE

Rachael N. Reed, DrPH, MPH

Date: February 25, 2025 **School:** School of Public Health

Program: Community Health Science and Policy

Current Title: Assistant Professor (Tenure-Track)

Business Address: Louisiana State University Health New Orleans

School of Public Health 2020 Gravier St, 3rd Floor New Orleans, LA 70112

Business Telephone: 504-568-5703 **Business Email Address:** rfarri@lsuhsc.edu

Initial Appointment at LSUHSC: 7/15/2024

Current Academic Rank: Assistant Professor

Education

2010 **BS** Biology Xavier University of Louisiana

New Orleans, LA

2012 **MPH** Community Health Georgia Southern University – Armstrong Campus

Savannah, GA

2019 **DrPH** Preventive Care Loma Linda University School of Public Health

Loma Linda, CA

Academic, Professional, and Research Appointments

Academic/Research Appointments

2015 – 2017 **Part-Time Online Instructor**

College of Health Professions; Department of Health Sciences Georgia Southern University – Armstrong Campus; Savannah, GA

2017 – 2022 Adjunct Faculty in Public Health

Online Master of Public Health Program

Southern New Hampshire University; Manchester, NH

2020 – 2024 Chair, Assistant Professor, & Coordinator of Public Health

School of Population and Health Sciences

Dillard University; New Orleans, LA

2024 – Present Assistant Professor (Tenure-Track)

School of Public Health; Community Health Sciences & Policy

Louisiana State University Health Sciences Center; New Orleans, LA

2024 – Present Research Scientist

Minority Health and Health Equity Research Center

Dillard University; New Orleans, LA

Professional Appointments

2013 – 2014 Wellness Coordinator

Center for Spiritual Life and Wholeness

Loma Linda University Health; Loma Linda, CA

2014 – 2015 Peer Health Advisor

Student Health Center

University of California, Riverside; Riverside, CA

2017 – 2018 **Dietetics Intern (Supervised Practice)**

Nutrition Services Department

PIH Health Whittier Hospital; Whittier, CA

2018 – 2020 Stroke Outreach Coordinator

Comprehensive Stroke Center

PIH Health Good Samaritan Hospital; Los Angeles, CA

Awards and Honors

2013 Chair Citation Award

American Public Health Association Student Assembly

2014 Top 40 Under 40 Young Alumni Award

Xavier University of Louisiana

2014 Award for Student Leadership in Public Health

Southern California Public Health Association

2014 & 2017 Glen Blix Award for Excellence in Preventive Care

Loma Linda University School of Public Health

2022 ELEVATE Fellow

Rutgers University Center for Minority Serving Institutions

TEACHING EXPERIENCE AND RESPONSIBILITIES

Formal Course Responsibilities

Georgia Southern University – Armstrong Campus

HSCP 4010 – Health and Human Development

Fall 2015 – 2017

Undergraduate; 3 credit hours; Online; Elective Examined lifestyle and socio-political factors that

Examined lifestyle and socio-political factors that impact health at various stages across the lifespan. Specific health problems common at various life stages were addressed along with their implications for healthcare professionals

HSCP 2050 – Introduction to Disease Continuum

Fall, Spring, Summer 2016 – 2017

Undergraduate; 3 credit hours; Online; Elective

A population-based overview of the diseases pertinent to public health

Southern New Hampshire University

PHE 505 – Research Methods in Public Health

2017 - 2022

Graduate: 3 credit hours: Online: Required

Introduced students to the basics of research design and methodology in public health

PHE 540 – Principles of Environmental Health

2017 - 2021

Graduate; 3 credit hours; Online; Required

Provided an overview of basic concepts in environmental sciences, an understanding of the health impact of various environmental exposures, and the public health approach to controlling and eliminating environmental health risks

IHP 515 – Population-Based Epidemiology

2020

Graduate; 3 credit hours; Online; Required

Focused on research designs and methods to describe measures of disease occurrence and risk factor associations utilizing quantitative information to ascertain whether relationships exist between risk or protective factors and diseases in population

PHE 610 – Health Policy and Management

2021

Graduate; 3 credit hours; Online; Required

Examined the health services system in the US, the role of healthcare policy and management, and the health delivery system

PHE 500 - Principles of Public Health

2021

Graduate: 3 credit hours: Online: Required

Introduced the history of the public health, the structure of the public health system, the ten essential services, and the core knowledge areas to provide an understanding of the complex factors impacting health behaviors in the community

Dillard University

PBH 111 – Introduction to Population/Global Health

Fall & Spring 2020 - 2024

Undergraduate: 3 credit hours: All modalities: Required

An introductory course that covered the historical aspects of public health, the social determinants of public health, the governmental/ non-governmental agencies associated with public health, the various disciplines in public health, and population/global health concerns

PBH 301 – Needs Assessment in Public Health

Fall 2020 – 2022

Undergraduate; 3 credit hours; Hybrid and Traditional

Emphasized the components of a needs assessment in public health: selection of target population, development of survey instruments, gathering of data and analysis, and report of findings

PBH 203 – Mass Communication in Public Health

Fall 2020

Undergraduate; 3 credit hours, Hybrid; Required

Examined the role that health communication plays in public health and its planned use to accomplish public health goals

PBH 208 – Health Communication & Informatics

Fall 2021 – 2022

Undergraduate; 3 credit hours; Traditional; Required

Introduced theory, design, implementation, and evaluation processes of health communication programs and introduced health informatics

PBH 307 – Research Methodology

Spring 2021 – 2022

Undergraduate; 3 credit hours; All modalities; Required

Provided a comprehensive review of all aspects of conducting research, including literature retrieval, designing, and analyzing experiments, and presentation of data

PBH 311 – Health and Human Development

Fall 2022

Undergraduate; 3 credit hours; Traditional; Elective

Examined lifestyle and socio-political factors that impact health at across the lifespan

PBH 211 – Principles of Health Equity

Spring 2023 – 2024

Undergraduate; 3 credit hours; Traditional; Required

Provided a broad overview of the social determinants of health and health disparities in the United States as well as the origins and context in which health inequities occur

PBH 300 – Junior Seminar

Fall 2023

Undergraduate; 1 credit hour; Traditional; Required

A seminar designed to assist students in the development of professional skills necessary for successful completion of an internship in public health/health science as well as assist students in their preparation for life after graduation

PBH 315 – Principles of Disease Prevention and Control

Spring 2023

Undergraduate; 3 credit hours; Traditional; Required

Provided a population-based overview of the diseases pertinent to public health

PBH 401 – Health Program Planning and Evaluation

Fall 2023

Undergraduate; 3 credit hours; Traditional; Required

Explored the development of public health program interventions directed towards community or organizational change as well as concepts and functions of program evaluation, such as types of evaluations and evaluation designs

LSU Health Sciences Center - School of Public Health

BCHS 6213 – Community Analysis, Ecology, and Health Disparities

Spring 2025

Graduate; 3 credit hours; Traditional; Required

Examines the use of quantitative and qualitative research methods to track health disparities and monitor progress of public health interventions designed to reduce or eliminate health disparities at the community level

Undergraduate, Medical, or Graduate Student Research Projects

Undergraduate Research – Dillard University

Kiarston Blackman 2021 – 2024

Association of Public Health Nutritionists/CDC Health Equity Fellows Program
Assessment of Cardiovascular Disease Impact Perception in Southern HBCU Students –

1st Place Winner

Jazzmine Mason 2021 – 2023

Association of Public Health Nutritionists/CDC Health Equity Fellows Program
Assessment of Cardiovascular Disease Impact Perception in Southern HBCU Students

Derrick Webb 2022 – 2023

Association of Public Health Nutritionists/CDC Health Equity Fellows Program Vaccination, Hesitation, Discrimination, OH MY: The impact of perceived discrimination on COVID-19 vaccination in southeastern Louisiana adults

Nya Love 2022 – 2023

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

Zoev Mack 2023

Association of Public Health Nutritionists/CDC Health Equity Fellows Program
Barriers to Prenatal Care in Low-Income, Minority Women in New Orleans, LA: A pilot needs assessment

Byron Hall 2023 – 2024

Association of Public Health Nutritionists/CDC Health Equity Fellows Program

Assessment of Cardiovascular Disease Impact Perception in Southern HBCU Students

Daniel Martinez 2024 – Present

Assessing respectful maternity care and community resources among black birthing people in Southeast Louisiana

Ja'Nae Hanzy 2024 – Present

Assessing respectful maternity care and community resources among black birthing people in Southeast Louisiana

Formal Mentoring and Advisor

Practical Advisor/Preceptor

Hyejin (Angela) Cho 2018 – 2019

University of California - Los Angeles; Master of Public Health in Community Health

Sciences Program

Practicum

Maria Rodriguez & Daniel Rodriguez

2019

California State University – Northridge; B.S. in Public Health Program

Practice Experience

Fatou Jallow 2019

University of California – Los Angeles/CDC John R. Lewis Undergraduate Public Health Scholars Program (formerly CDC CUPS Program)

Program Internship

Ariana Cuevas 2019 – 2020

California State University – Long Beach; B.S. in Health Science with a concentration in Community Health Education Program

Practice Experience

Chelsey Williams 2019 – 2020

University of California – Los Angeles; Master of Public Health in Community Health Sciences Program

Practicum

Kyla Baron 2020

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

Practicum

RESEARCH AND SCHOLARSHIP

Grants and Contracts

Funded

Agency: California Community Foundation

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

South Los Angeles

Period: March 2018 – May 2020

Award: \$500,000

Role: Program Director (100% effort)

Agency: Anthem Foundation

Title: High School Stroke Prevention Video Contest

Amount: \$10,000

Period: January 2019 – May 2020 Role: Program Director (5% effort)

Agency: Dillard University Research Engagement and Innovation Initiative
Title: Assessing Knowledge, Attitudes, and Concerns Towards COVID-19

Vaccination Among Adults in Southeast Louisiana

Amount: \$20,000

Period: April 2021 – September 2022 Role: Principal Investigator (3% effort)

Agency: Centers For Disease Control and Prevention (CDC)

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

Period: July 2023 – June 2024

Amount: \$1,643,463

Role: Site Principal Investigator (15% effort)

Agency: U.S. Department of Agriculture/National Institute of Food And Agriculture

(GUSNIP Produce Incentive Program)

Title: Pathways for Produce Prescriptions in Diabetes Management

Amount: \$500,000

Period: September 2022 – September 2025

Role: Co-Investigator (3% effort)

Agency: National Institutes of Health – U54 (IMPROVE Initiative)

Title: Southern Center for Maternal Health Equity

Amount: \$16,500,000

Period: August 2023 – July 2030

Role: Site Principal Investigator and Training Core Co-Lead (20% effort)

Agency: U.S. Department of Agriculture/National Institute of Food and Agriculture

(Higher Education Challenge Program)

Title: Collaborating to Increase Diversity in Nutrition and Dietetics

Amount: \$748.069

Period: September 2023 – August 2026 Role: Site Principal Investigator (5% effort)

Agency: Humana Healthy Horizons

Title: Assessing Respectful Maternity Care and Community Resources among

Black Birthing People in Southeast Louisiana

Amount: \$50,000

Period: March 2024 – December 2024 Role: Principal Investigator (5% effort)

Agency: Health Resources and Services Administration (HRSA)

Title: Catalysts for Infant Health Equity

Amount: \$7,500,000

Period: January 2025 – August 2029 Role: Co-Investigator (2.5% effort)

Pending/Submitted

Agency: Louisiana Clinical & Translational Science Center (LACaTS)

Title: A mixed methods analysis of the individual and neighborhood level impact of

gentrification on cancer preventive care in New Orleans

Amount: \$265.874

Period: June 2025 – June 2027

Role: Principal Investigator (75% effort)

Agency: Health Resources and Services Administration (HRSA)

Title: Project CANDY (Compassionate Access to New Orleans Dentistry)

Amount: \$2,231,795

Period: July 2025 – June 2030

Role: Co-Principal Investigator (18% effort)

Recent Non-funded Applications (Last Three Years)

Agency: National Institutes of Health – U24

Title: Chronic Change and Cascading Disasters: Center for Climate Change &

Health Research Integration and Synthesis (C3HRIS)

Amount: \$6,750,000 Submitted: August 2022

Role: Site Principal Investigator and Community Engagement Lead (25% effort)

Agency: National Institutes of Health Community Partnerships to Advance Science for

Society (COMPASS) - OT2

Title: The Big Three: A multi-level intervention to address diabetes, cholesterol,

and hypertension outcomes in Louisiana Medicaid patients

Amount: \$12,000,000 Submitted: February 2023

Role: Principal Investigator (25% effort)

Agency: Patient Centered Outcomes Research Institute (PCORI)

Title: Patient and Community Engagement in Pediatric Asthma Research

Amount: \$1,500,000 Submitted: May 2023

Role: Co-Investigator (5% effort)

Agency: Patient Centered Outcomes Research Institute (PCORI)

Title: Patient and Community Engagement in Pediatric Asthma Research

(Resubmission)

Amount: \$1,500,000 Submitted: May 2024

Role: Co-Investigator (10% effort)

Major Area of Research Interest

I possess a comprehensive background in public health, with specialized training and expertise in medical nutrition therapy, the prevention and management of lifestyle-related diseases, and the social and structural determinants of health. Informed by my background as a practitioner, my research focuses on community engagement science and the prevention of lifestyle-related diseases, particularly among under-resourced urban populations, with an emphasis on understanding and addressing the social and structural factors that contribute to health disparities. Additionally, my expertise encompasses both qualitative and quantitative research methodologies, enabling a nuanced investigation of the complex social and structural determinants that influence health outcomes.

Journal Publications

Refereed - Published

- 1. 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]
- 2. 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
- 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 (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, 12:1465779. doi: 10.3389/fpubh.2024.

Referred – Submitted

1. Antoine Hardy, S., Jordan, S.N., Unim, B., C., **Reed, R.N.** (submitted 2025). Multidimensional Framework (G.R.A.C.EJ4) for Collaborating with Disenfranchised Communities as a Prelude to Synthesizing the Cumulative Health Risks of Air Permitting Policies in Cancer Alley, Louisiana. *Environmental Justice*.

Non-refereed - Published

 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/wpcontent/uploads/2024/01/PublicHealthWorkForce-PathwayPrograms-Screen.pdf. [Contributing Author]

Scientific Presentations/Published Abstracts/Oral Sessions and Posters

Scientific Presentations (Oral Sessions and Roundtables)

- 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.
- 2. **Reed, R.**, Webb, D. (2023, March). Vaccine Equity: Barriers and Lessons Learned. 80th Teaching Prevention Conference, New Orleans, LA.
- 3. 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.
- 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.
- 5. 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.
- 6. **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.

Scientific Presentations (Poster)

- 1. 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.
- 2. 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.
- 3. 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.
- 4. 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.
- 5. 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.

Invited Presentations

Los Angeles County Stroke Coordinators Meeting

June 2019

Keynote Speaker

Ensuring Health Equity: Engaging Community and Addressing Social Determinants of Health in Stroke Prevention

Inland Empire Stroke Coordinator Meeting

August 2019

Keynote Speaker

Ensuring Health Equity: Engaging Community and Addressing Social Determinants of Health in Stroke Prevention

Loma Linda Health Stroke Symposium

May 2020

Speaker (Cancelled Due to COVID-19)

Ensuring Health Equity: Engaging Community and Addressing Social Determinants of Health in Stroke Prevention

New York State Association of County Health Officials Meeting

June 2022

Keynote Speaker (Virtual)

Vaccine Equity: Lessons Learned from the COVID-19 Pandemic

NASEM's Gulf Research Program – Gulf Health & Resilience Board October 2023

Panelist

Equitable Approaches to Community Engagement

Videos, Electronic Media, and Multimedia

Podcasts/Webcast

University at Albany SPH Public Health Live! Webcast

November 2021

Keynote Panelist

Addressing Influenza and COVID-19 Immunization Health Inequities

https://www.albanv.edu/cphce/addressing-influenza-and-covid-19-immunization-healthinequities

Television Interviews

Diversity in Healthcare March 2022

Fox 8 News - New Orleans

Need For Health Equity and Diversity in Healthcare September 2023

WWL Channel 4 News - New Orleans

News Articles

Times Picayune (Website) October 2024

How New Orleans small-box grocers are working to combat local food deserts https://www.nola.com/news/new-orleans-grocers-food-deserts-small-box-stores/article/4dc3efb2-84d1-11ef-bee0-2f44c2a048e9.html

Times Picayune (Website)

September 2024

Partnership between Tulane, HBCUs seeks to increase diversity among nutrition experts https://www.nola.com/news/education/tulane-dillard-xavier-southern-nutrition-partnership/article 0bd1ccd8-7cf6-11ef-97f5-bf53d7faaa7c.html

Grant Reviewer

2023 Reviewer, Empowering Communities to Deliver and Sustain

Evidence-Based Chronic Disease Self-Management Education

Programs

Administration for Community Living (ACL), Office of Nutrition and

Health Promotion Programs

Editorial Posts and Activities

2012, 2016, 2018 Abstract Reviewer, American Public Health Association Annual

Meeting - Student Assembly

2017 – Present Reviewer, Journal of the National Medical Association

2020 – 2021 Abstract Reviewer, American Public Health Association Annual

Meeting – Public Health Education and Health Promotion Section

2022 – Present Reviewer, American Journal of Preventive Medicine Focus

2022 – Present Editorial Board Member, American Journal of Preventive Medicine

Focus

2025 – Present Reviewer, Journal of the Louisiana Public Health Association

SERVICE AND ADMINISTRATION

University/Institutional Service

Louisiana State University Health Sciences Center

2024 – Present *Member*, SPH Faculty Assembly

2024 – Present Member, Community Health Science & Policy Faculty Assembly 2024 – Present Member, Community Health Science & Policy MPH Admissions

Committee

2025 – Present Member, Community Health Science & Policy PhD Admissions

Committee

Dillard University

2020 – 2024 *Member*, Faculty Assembly 2020 – 2024 *Member*, Faculty Senate

2020 – 2024 Faculty Advisor, Public Health Club

2021 Chair, Faculty Evaluation Ad-Hoc Committee

2021 – 2022	Member, General Education Committee
2023 - 2024	Member, University Curriculum Committee
2023 - 2024	Secretary, Faculty Senate and Faculty Assembly

Georgia Southern University – Armstrong Campus

2011 – 2012 Housing Representative, Tobacco Control Task Force

State/Regional Service

2013 Secretary, Southern California Public Health Association

2019 - 2020Southern California Representative, American Stroke Association

Western States Stroke Committee

2022 – Present Member, Louisiana Interprofessional Consortium Steering Committee

National Service

American Public Health Association

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

National Consortium for Public Health Workforce Development

2022 - 2023Member, Working Group Member, Pathways Sub-Group 2023

Association for Prevention Teaching and Research

2022 - 2023Member, Teaching Prevention 2023 Planning Committee 2023 - 2024Member, Teaching Prevention 2024 Planning Committee

2023 – Present Member, Board of Directors

2024 – Present Member, Teaching Prevention 2025 Planning Committee

International Service

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

Assembly

Membership in Professional Organizations

2010 – 2012	Georgia Public Health Association
2012 – 2020	Southern California Public Health Association
2012 - Present	American Public Health Association
2012 - Present	Delta Omega Honorary Society in Public Health – Gamma Theta
	Chapter
2020 - Present	Louisiana Public Health Association
2021 - Present	Society for Public Health Education

2022 – Present Association for Prevention Teaching and Research

Community Service

2008 - Present Delta Sigma Theta Sorority, Inc.