

MARIA T. ROQUE, DrPH, MPH, CHES

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College Station, Texas 77840

EDUCATION

Texas A&M University School of Public Health

August 2024

Doctor of Public Health in Public Health Sciences

- Concentration: Health Promotion and Community Health Sciences
- Certification: Maternal and Child Health
- Dissertation: “Assessing the Impact of Menstrual Hygiene Product Access on Adolescent Mental Health”

Texas A&M University School of Public Health

May 2019

Master of Public Health

- Concentration: Health Promotion and Community Health Sciences

University of Texas at Austin

May 2015

Bachelor of Journalism

- Bridging Disciplines Program Certificate in Social Inequality, Health, and Policy
 - Strand of Study: Public Health
- Minor in Sociology

School for International Training

June 2015

Study Abroad

- Brazil: Social Justice and Sustainable Development

PUBLIC HEALTH EXPERIENCE

Texas A&M School of Public Health

College Station, Texas

Instructional Assistant Professor

Aug. 2024–Present

SOPH 601 – Health Behavior (3 credits)

- Developed the new health behavior course for the MPH core curriculum, a required course for all incoming MPH students, for both online and in-person sections.
- Designed assessments, lectures, and activities on the foundations of social/behavioral public health, including introduction to health equity, program planning and evaluation, community needs assessment, theory-based public health programming, and research methods.
- Taught the school-wide cohort of first-year public health students across four sections in the Fall of 2024.

Assistant Lecturer

HLTH 481 – Seminar in Allied Health (1 credit)

Aug. 2022–Aug. 2024

- Taught this required writing course to 40+ allied health undergraduates in the Spring of 2024.
- Lectured and lead activities on topics such as admission to allied health professional school/careers and transition from college to professional school/career environment.

MPH Core Curriculum (9 credits)

- Instructor of record for the school-wide cohort of 100+ first-year public health graduate students completing the required MPH Core Curriculum courses:
 - SOPH 601 Thinking in Populations: The Public Health Mindset (2 credits)
 - SOPH 602 Investigation & Control: Acute Public Health Events (3 credits)
 - SOPH 603 Assessment & Intervention: Wicked Problems in Public Health (3 credits)
 - SOPH 604 Framing & Persuasion: Public Health in the Public Sphere (1 credit)
- Manage both in-person and online sections of the MPH Core, including communicating with students, developing Canvas course modules, supervising teaching assistants, and executing other course management tasks.

- Collaborate with course director, professors, and teaching assistants to align instruction with learning outcomes.
- Develop and present lectures on the social determinants of health and health equity.

Graduate Assistant Lecturer

MPH Core Curriculum (9 credits)

Aug. 2021–Aug. 2022

- Instructor of record for distance education cohort of first-year MPH students.
- Collaborate with professors and teaching assistants to align curriculum instruction and evaluation.
- Grade and provide individualized feedback on assignments.
- Communicate course expectations to students and correspond as needed.

Graduate Teaching Assistant

MPH Core Curriculum (9 credits)

Aug. 2018–Aug. 2021

- Recognized as a 2021 Association of Former Students Distinguished Graduate Student, Award for Excellence in Teaching – Doctoral.
- Graded and provided individualized feedback on assignments.
- Communicated course expectations to students and correspond as needed.
- Adapted lessons for an online format using instructional technology software.

Texas Department of State Health Services, Office of Practice and Learning

Graduate Intern, Public Health Workforce Training Center

Austin, Texas (Remote)
May 2022–Jul. 2022

- Developed a database of public health continuing education modules and their respective competencies to meet DSHS public health workforce training needs.
- Analyzed DSHS employee survey data to identify knowledge and skills gaps.
- Authored the PH Workforce Training Center Plan, which provided recommendations and a management plan for DSHS public health workforce trainings and learning objectives.
- Collaborated in the development of the Texas Public Health 101 training.

Brazos Valley Health District

Graduate Intern

Bryan, Texas
Aug.–Dec. 2021

- Collaborated with public health programs manager and researchers at TAMU School of Public Health to plan the Brazos Valley community health assessment and conduct community discussion groups.
- Co-authored the 2020-2022 Brazos Valley Community Health Improvement Plan, which was approved Brazos Valley Health Coalition in November 2021.
- Developed a cultural competence training module for county health district employees.

“Applying the Positive Deviance Approach to Promote Lifetime Mental Disorders and the Utilization of Specialty Mental Health Services Among Aging Traumatized Asian Immigrants in the United States”

Doctoral Research Assistant

College Station, Texas
Aug. 2020–Aug. 2021

- Coordinate with PI and other research assistants to launch this project funded by the NIH/National Institute on Aging (NIA) Rutgers’s Asian Resource Centers for Minority Aging Research (RCMAR) for the grant amount of \$34,992.
- Design the survey for “Examining the Mental Health Impacts and Coping Strategies of the COVID-19 on Aging Asians/Asian Americans: A Pilot Study in Texas” in coordination with team researchers.

Florida Department of Health (FDOH) – Maternal and Child Health (MCH) Section | Bureau of Family Health Services | Division of Community Health Promotion

Graduate Intern

Tallahassee, Florida
(Remote)
June–July 2020

- Selected as one of 20 nationwide interns for the National MCH Workforce Development Center’s Summer 2020 Title V MCH Internship Program

- Collaborated with FDOH preceptor and partner graduate intern on four projects to understand perceptions and barriers to long-acting reversible contraception (LARC) use among reproductive age women in a continued effort to improve state MCH outcomes. The projects included:
- Led a scoping literature review to identify interventions that have successfully measured LARC uptake and continuation, which resulted in publication.
- Interviewed seven FDOH subject matter experts on programs and barriers regarding LARC use in the state.
- Analyzed 10 years of Florida state interpregnancy interval data to identify trends by race/ethnicity and county.
- Identified three validated survey questions to add to the Phase 9 Florida Pregnancy Risk Assessment Monitoring System (PRAMS) survey

“The Role of Maternal Diabetes and Obesity in Reproductive Health Outcomes”

Graduate Research Assistant

McAllen, Texas
Aug. 2018–Aug. 2019

- Collaborated with researchers at Texas A&M School of Public Health in McAllen to assess the need for gestational diabetes interventions in the Mid- Rio Grande Valley
- Recruited more than 50 participants and aided in facilitating 12 bilingual focus groups.
- Transcribed over seven hours of audio and analyzed more than 150 pages of transcripts to identify themes for intervention recommendations.
- Co-authored a gestational diabetes curriculum for community health workers, which was certified by Texas Department of State Health Services for continuing hours of education

“Assessing Public Policies for Adolescent Fertility and Access to Contraceptive Methods in Maracanaú”

Independent Student Investigator

Maracanaú, Ceará,
Brazil
Feb.–Jun. 2015

- Traveled abroad to Fortaleza, Brazil to study issues of social justice and sustainable human development with the School for International Training
- Conducted an independent study project regarding adolescent fertility and access to contraception through the Universal Health System (SUS) by conducting one-on-one interviews with local women in Portuguese.
- Findings: Access for adolescents in the area varies, especially for those who are underage. School education programs and community health workers are key in the dissemination of reproductive health information to teenagers. Efforts should be made to double down on education and public policies for teens’ access to reproductive health services,

The Livestrong Foundation

Evaluation and Research Intern

Austin, Texas
Aug.–Dec. 2014

- Evaluated and improved Livestrong Navigation services for cancer patients through developing surveys, reporting intakes, tracking engagement measures, and reviewing feedback.

Texas Policy Evaluation Project

Undergraduate Research Assistant

Austin, Texas
Sept. 2013–Sept. 2014

- Collaborated with a team of researchers at the Population Research Center housed in the University of Texas at Austin to study the impact of legislation on reproductive health in the state, including government costs and population’s access to services.
- Conducted interviews with approximately 200 English- and Spanish-speaking women in a postpartum study about contraceptive method preferences and access.
- Completed a self-led project using SAS and longitudinal data from the Bureau of Labor Statistics to assess how first pregnancy, marital status, and parity affect women’s socioeconomic status

TEACHING EXPERIENCE

McAllen Independent School District, Thigpen-Zavala Elementary

5th Grade Teacher

McAllen, Texas

Aug. 2015–May 2018

- Taught more than 300 children as a bilingual elementary teacher with the Teach for America (TFA) Rio Grande Valley corps.
- Certified as an EC–6 Bilingual Generalist under the Texas Education Agency’s State Board for Educator Certification
- Designed and implemented bilingual, student-centered lessons in all elementary content areas.
- Recognized as a local honoree for the TFA Sue Lehman Excellence in Teaching Leadership Award

PUBLICATIONS

Mapping Long-Acting Reversible Contraceptive Interventions to the Social Ecological Model: A Scoping Review Jul 25, 2023

- Women’s Health Issues
- Phillips-Bell, G., **Roque, M.T.**, & Romero, L.M.

Changes of Levels and Determinants of Maternal Health Service Utilization in Ethiopia: Comparative Analysis of the 2011 and 2016 Ethiopian Demographic and Health Survey Jun 12, 2021

- Maternal and Child Health Journal
- Fan, Q., **Roque, M.T.**, Nuzhath, T., Hossain, M.M., Jin, X., Aggad, R., Myint, W.W., Zhang, G., McKyer, L., & Ma, P.

CONFERENCES & PRESENTATIONS

Texas A&M School of Public Health 18th Annual Jean Brender Poster Symposium April 2023

"Assessing Adolescent Access to Menstrual Hygiene Products and Education: a Community-Based Participatory Research Project"

- **Roque, M.T.**

Association of Maternal & Child Health Programs 2021 Annual Meeting June 2021

Poster: "Mapping Interventions for Long-Acting Reversible Contraceptive Use to the Socioecological Model: A Scoping Review"

- **Roque, M.T.**, Sather, M., & Phillips-Bell, G.

Texas A&M School of Public Health 16th Annual Jean Brender Poster Symposium Apr. 2021

2nd Place Poster: "Mapping Interventions for Long-Acting Reversible Contraceptive Use to the Socioecological Model"

- **Roque, M.T.**, Sather, M., & Phillips-Bell, G.

Society for Research on Nicotine & Tobacco 2021 Annual Meeting Feb. 2021

Virtual/Online Conference: Tobacco use & substance use co-use among older adults in the United States.

- Ma, P., Fan, Q., & **Roque, M.T.**

American Public Health Association 2020 Annual Meeting Oct. 2020

Poster: The prevalence and determinants of substance use among Asian Americans: Evidence from national survey of drug use and health, 2009-2018.

- Ma, P., Fan, Q., Hossain, M.M., **Roque, M.T.**, Chen, L.S.

American Public Health Association 2020 Annual Meeting Oct. 2020

Poster: Mental health and specialty mental health service utilization among Asian Americans in the United States: 2008-2018.

- Ma, P., Fan, Q., Hossain, M.M., **Roque, M.T.**, Chen, L.S.

<p>Texas A&M School of Public Health 15th Annual Jean Brender Poster Symposium <i>3rd Place Poster: Designing a Gestational Diabetes Curriculum for Community Health Workers in the Texas-Mexico Border: A Culturally Competent, Community-Based Approach</i></p> <ul style="list-style-type: none"> • Roque, M.T., Cabrera-Conner, L., Shakir, H., Carrillo, G., & Perez-Patron, M. J. 	May 2020
<p>American Academy of Health Behavior 2020 Annual Meeting <i>Poster: Comparative Analysis of Maternal Health Service Utilization Among Maternal Women in Ethiopia from 2006 to 2016</i></p> <ul style="list-style-type: none"> • Fan, Q., Roque, M.T., Hossain, M.M., Zhang, B., Jin, X., McKyer, L., Ma, P. 	Mar. 2020
<p>Texas A&M 2020 Transformational Teaching & Learning Conference <i>Accepted Presentation: Team-Based Strategies for Engaging Distance Education Students in the Integrated Core Curriculum of the Master of Public Health</i></p> <ul style="list-style-type: none"> • Roque, M.T., Mendoza-Sanchez, I., & Danko, R. 	Feb. 2020
<p>American Public Health Association 2019 Annual Meeting <i>Roundtable: A Community-Based Approach to Identifying Education Needs for Hispanic Women at Risk of Gestational Diabetes in the Texas-Mexico Border</i></p> <ul style="list-style-type: none"> • Perez-Patron, M. J., Roque, M.T., Conner, L., Pena, C., Carrillo, G., & Taylor, B.D. 	Nov. 2019
<p>Association of Maternal & Child Health Programs 2019 Annual Meeting <i>Poster: Evaluating the Educational Needs of Hispanic Women at Risk of Gestational Diabetes in Communities in the Texas-Mexico Border</i></p> <ul style="list-style-type: none"> • Perez-Patron, M.J., Conner, L., Roque, M.T., Yamba, L., Taylor, B.D., & Carrillo, G. 	Mar. 2019
<u>CERTIFICATIONS</u>	
<ul style="list-style-type: none"> • Certified Health Education Specialist (CHES), Credential ID: 36865 • CITI Human Subjects Research Training, Reference ID: 49465665 • State of Texas Teaching Certification: Bilingual Generalist – Spanish (EC-6) • Apple Teacher • FEMA Applying ICS to Healthcare Organizations for Health Care/Hospitals • FEMA Introduction to the Incident Command System for Public Works • FEMA National Incident Management System, An Introduction • FEMA National Response Framework, An Introduction 	<p>April 2022–Present January 2023–2028 Jun. 2016–Nov. 2021 May 2017 Mar. 2014 Mar. 2014 Mar. 2014 Mar. 2014</p>
<u>SERVICE & MEMBERSHIP</u>	
<ul style="list-style-type: none"> • Graduate Student Representative – Hiring Committee for Department of Health Behavior at TAMU School of Public Health • Elected Doctoral Student Representative – TAMU School of Public Health Curriculum Committee • Graduate Student Representative – Hiring Committee for Department of Health Promotion and Community Health Sciences at TAMU School of Public Health • Albert Schweitzer Fellow – Houston/Galveston Chapter • American Public Health Association – Member • Delta Omega Honorary Society in Public Health – Alpha Tau Chapter Member • AmeriCorps Teach for America—Rio Grande Valley Corps Member 	<p>Spring 2023 Aug. 2022–Present Fall 2021 May 2021–May 2022 Oct. 2019–Present May 2019–Present May 2015–May 2017</p>
<u>HONORS & SCHOLARSHIPS</u>	
<ul style="list-style-type: none"> • 2021 Association of Former Students Distinguished Graduate Student Award for Excellence in Teaching - Doctoral • Gates Millennium Scholar • Texas A&M School of Public Health Maternal & Child Health Scholarship Recipient 	<p>April 2021 Aug. 2011–Present Aug. 2019</p>

- Sue Lehman Excellence in Teaching Leadership Award – Local Honoree
- UT Moody College of Communication Distinguished Scholar

May 2018
Spring 2013, 2014

SKILLS

- Languages: Native proficiency in English and Spanish, limited working proficiency in Brazilian Portuguese
- Education/Instructional Software: Google Apps, Apple Apps, Blackboard, Canvas
- Research Software: Qualtrics, SurveyMonkey, SAS, Stata, Microsoft Suite
- Video Editing Software: Audition, Premiere, iMovie