

Krystal Flores, DrPH, MPH
Texas A&M University Higher Education Center
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EDUCATION

Texas A&M University School of Public Health Doctor of Public Health Dissertation title: Adolescent Pregnancy Prevention in the Lower Rio Grande Valley: Policy, Programs, and Access to Clinical Care Committee Members: Dr. Ann V. Millard (Chair), Dr. Brandie Taylor, Dr. Nelda Mier, and Dr. Nora Montalvo Liendo	2019
Texas A&M University School of Public Health Master of Public Health Major: Health Promotion and Community Health Sciences Area of concentration: Border Health	2014
Texas A&M University - Kingsville Bachelor of Science Major: Biomedical Sciences Minor: Chemistry	2011

CERTIFICATIONS

Association of College and University Educators (ACUE) Certificate in Effective College Instruction <ul style="list-style-type: none">• ACUE Micro-Credentials in the following:<ul style="list-style-type: none">○ Creating an Inclusive and Supportive Learning Environment○ Promoting Active Learning○ Inspiring Inquiry and Preparing Lifelong Learners○ Designing Student Centered Courses	2021
Texas A&M University School of Public Health Certificate in Maternal and Child Health	2019
Texas A&M University Bush School of Government and Public Service Certificate in Nonprofit Management	2017

EXPERIENCE

Texas A&M University (McAllen, Texas) Instructional Assistant Professor Developed syllabus and overall course structure, and administered all grades. <ul style="list-style-type: none">▪ Lecture and manage courses weekly at the undergraduate level▪ Prepared materials and lessons to facilitate curriculum▪ Plan activities and discussions to meet course competencies and lesson objectives▪ Provide relevant assignments for students that demonstrate learning outcomes▪ Engage and challenge students to encourage participation and learning▪ Address student concerns during designated office hours▪ Utilize evidence based, high impact teaching practices to ensure students reach their optimal learning potential▪ Provide service opportunities for students to selflessly serve local, underserved communities through public health initiatives▪ Partner with local stakeholders to assist in bridging student connections and network building	Present
Texas A&M University (McAllen, Texas) Teaching Assistant/Lecturer <ul style="list-style-type: none">▪ Lectured and managed three courses weekly at the undergraduate and graduate level▪ Prepared materials and lessons to facilitate curriculum▪ Planned activities and discussions to meet course competencies and lesson objectives	2019

- Provided relevant assignments for students that demonstrated learning outcomes
- Engaged and challenged students to encourage participation and learning.
- Addressed student concerns during designated office hours

NORC at the University of Chicago (McAllen, Texas)

Field Interviewer

2018

Field interviewer for a study which gathered data about families' need for child care and the availability of child care in their communities

- Successfully completed substantive in person training to conduct qualitative face to face and telephone interviews among community members in the Rio Grande Valley

Texas Department of State Health Services (Austin, Texas)

Title V Maternal and Child Health Intern

2017

Summer internship program in partnership with the National Maternal and Child Health Workforce Development Center and Maternal and Child Health Bureau completed as part of doctoral practicum

- Participated in and completed the Blue-Ribbon Internship program through the Texas Department of State Health Services in Austin, Texas
- Solicited and collected input from key stakeholders concerning barriers and opportunities for implementation of recommended preconception and interconception health and health care practices
- Analyzed and synthesized collected qualitative data to complete gap analysis
- Communicated findings and recommendations to key decision makers and stakeholders

EkoRural (Quito, Ecuador)

Student Intern

2017

Study abroad experience with Texas A&M University and the University of San Francisco Quito.

- Interned at EkoRural, a non-governmental organization whose primary goal is to reduce poverty and hunger within Ecuador
- Solicited and collected input from key stakeholders concerning the Traffic Light Nutrition Label to assess the effectiveness of the label's implementation in Quito, Ecuador
- Analyzed and synthesized collected qualitative information
- Communicated findings to University of San Francisco Quito, Texas A&M University, and EkoRural representatives

Texas A&M University (McAllen, Texas)

Graduate Research Assistant

2016

Graduate Research assistant for the Working on Wellness (WOW) obesity prevention initiative in Hidalgo County, Texas.

- Assisted in data collection for assessing Working on Wellness program initiatives
- Assisted program coordinator in the development of presentation and program materials
- Assisted Community Health Workers in implementing outreach initiatives in colonias including health fairs and public health events

Texas A&M University Evidence Based Programs (College Station, Texas)

Student Worker

2014

Student worker for Texas A&M University Evidence Based Programs

- Assisted in onsite data collection for assessing evidence-based programs such as Chronic Disease Self-Management, Diabetes Self-Management, Texercise, and Fit & Strong in the Bryan/College Station area.
- Assisted in pre and post survey data entry
- Assisted in the translation of documents used for spanish speaking communities as well as assisting in creating culturally appropriate material for Latinx participants in Hidalgo County, Texas

Access Esperanza Clinics (Rio Grande Valley, Texas) Student Intern	2017
Summer internship completed as part of master's level practicum	
<ul style="list-style-type: none"> ▪ Conducted patient surveys and clinical observations 	
TEACHING EXPERIENCE	
Texas A&M University School of Public Health (McAllen, Texas) Instructional Assistant Professor	2022
<ul style="list-style-type: none"> ▪ PHLT 415 Emergency Management in Public Health ▪ PHLT 330 The Environment and Public Health ▪ PHLT 411 Project Management in Public Health ▪ PHLT 485 Directed Studies 	
Texas A&M University School of Public Health (McAllen, Texas) Instructional Assistant Professor	2021
<ul style="list-style-type: none"> ▪ PHLT 415 Emergency Management in Public Health ▪ PHLT 445 Applications of Public Health ▪ PHLT 330 The Environment and Public Health ▪ PHLT 304 Biological Basis of Public Health ▪ PHLT 303 Social Dynamics of Population Health ▪ PHLT 410 Public Health Communications ▪ PHLT 441 Strategies for Population Health Improvement 	
Texas A&M University School of Public Health (McAllen, Texas) Instructional Assistant Professor	2020
<ul style="list-style-type: none"> ▪ PHLT 303 Social Dynamics of Population Health ▪ PHLT 441 Strategies for Population Health Improvement ▪ PHLT 411 Project Management in Public Health ▪ PHLT 330 The Environment and Public Health ▪ HPCH 611 Program Planning for Intervention 	
Texas A&M University School of Public Health (McAllen, Texas) Instructional Assistant Professor	2019
<ul style="list-style-type: none"> ▪ PHLT 303 Social Dynamics of Population Health ▪ PHLT 410 Public Health Communications 	
Texas A&M University School of Public Health (McAllen, Texas) Teaching Assistant/Lecturer	2019
<ul style="list-style-type: none"> ▪ PHLT 303 Social Dynamics of Population Health ▪ PHLT 330 The Environment and Public Health ▪ HPCH 611 Program Planning for Intervention 	
SERVICE	
Texas A&M University Operation Lone Star (Rio Grande Valley, Texas) Faculty Supervisor	2019 and 2021
Texas A&M University Higher Education Center Mentorship Program (McAllen, Texas) Faculty Mentor	2019 – Present
Texas A&M University Higher Education Center Honors Committee (McAllen, Texas) Member	2021 – Present
Hidalgo – Starr A&M Club (Rio Grande Valley, Texas) Board Member - Community Impact Chair	2021 – Present
<ul style="list-style-type: none"> • Organized the Mujeres Unidas – <i>Adopt an Apartment Initiative</i> <ul style="list-style-type: none"> ◦ <i>High Impact Teaching - Service Based Learning:</i> PHLT 303 Social Dynamics of Population Health TAMU Students and board members renovated an apartment used for transitional housing for families fleeing Domestic Violence 	2021
Texas A&M University First Generation Collective (College Station, Texas) Member	2021 – Present

GRANTS

United States Department of Agriculture Transportation and Marketing Farmers Market Promotion Program Funded Project (<i>Collaborative Initiative</i>) Recipient: SENTLI: Center for Regenerative Agriculture High Impact Teaching Partnership Amount Awarded: \$326,156 Title of Project: <i>Reviving Hidalgo County's Food System by Strengthen Local Farmers Markets, Expanding Marketing Outlets and Forging Community Partnerships</i> <ul style="list-style-type: none"> • High Impact Teaching Practice collaborative initiative with Terra Petra Farms and Texas A&M University students to address food insecurity in Colonias in Hidalgo County 	2022 - Present
Texas A&M University Higher Education Center High Impact Teaching Practices Proposal Grantee Amount Awarded: \$4,000 Title of Project: <i>Public Health and Selfless Service: Utilizing High Impact Teaching Practices to Transform Communities and Inspire the Next Generation of Public Health Leaders in the Rio Grande Valley</i>	2022 - Present
Texas A&M University Higher Education Center High Impact Teaching Practices Proposal Grantee (<i>Collaborative Initiative</i>) Amount Awarded: \$3,300 Title of Project: <i>Texas A&M University Higher Education Center Undergraduate Research Synopsis</i>	2022 - Present
Texas A&M University Higher Education Center High Impact Teaching Practices Proposal Grantee Amount Awarded: \$3,000 Title of Project: <i>Public Health in Action: Utilizing High Impact Practices to Address Critical Public Health Issues in The Rio Grande Valley</i> Student Initiatives included: <ul style="list-style-type: none"> • El Poder Del la Nutricion (Addressed Food Insecurity) • Running for Recovery 5K (Addressed Drug Abuse) 	2021

AWARDS AND HONORS

Gates Millennium Scholarship Fund Gates Millennium Scholar	2009 – 2019
Texas A&M University Maternal and Child Health Program Maternal and Child Health Scholar Award	2018
Texas A&M University Maternal and Child Health Program Scholarship Recipient	2015
Delta Omega Honorary Society in Public Health TAMU Inductee	2014
Texas A&M University School of Public Health Honors Graduate	2014
Texas A&M University-Kingsville Cum Laude Graduate	2011

PUBLICATIONS

Owusu, A., Bowman, A. S., Bosumtwi-Sam, C., Prairie, T., Trueblood, A., & **Flores, K.** (2017). 2015 Global school health policies and practices survey (G-SHPPS): Ghana report basic and secondary schools. U.S. Centers for Disease Control and Prevention (CDC) & World Health Organization (WHO), Atlanta GA & Geneva Switzerland

Owusu, A., Bowman, A. S., Bosumtwi-Sam, C., Prairie, T., Trueblood, A., & **Flores, K.** (2017). Predictors and implementation rates of recommended minimum package for school level health services delivery in Ghana. Ghana Education Evidence Summit, Accra Ghana

Owusu, A., Bowman, A. S., Story, C., Bosumtwi-Sam, C., & **Flores, K.** (in progress). Adoption and implementation of Water, Hygiene, and Sanitation [WASH] policy guidelines among primary and secondary schools in Ghana

POSTERS

Flores, K. and Beall E. (2018). Gap Analysis: Preconception and Interconception Health and Health Care. University of Florida's Department of Pediatric Division of Pulmonary Disease Making Lifelong Connections Annual Meeting, Tampa FL

Flores, K. and Beall E. (2017). Gap Analysis: Preconception and Interconception Health and Health Care. Texas Department of State Health Services Blue Ribbon Internship Presentation, Austin TX

Bowman, A. S., Owusu, A., **Flores, K.**, Bosumtwi-Sam, C. (2017). Adoption and implementation of Water, Hygiene, and Sanitation (WASH) policy guidelines among primary and secondary schools in Ghana. American Public Health Association [APHA] Annual Meeting, Atlanta GA

Owusu, A., Bowman, A. S., Bosumtwi-Sam, C., Prairie, T., Trueblood, A., & **Flores, K.** (2016). Adoption rates of guidelines for minimum health services delivery among schools in Ghana. American Public Health Association [APHA] Annual Meeting, Denver CO

INVITED CAMPUS TALKS AND LECTURES

University of Texas Rio Grande Valley Upward Bound Program (Edinburg, Texas)

Presenter and Mentor

- Delivered presentation to students regarding the Gates Millennium Scholarship program. Informed students about application process and mentored low income, minority students wishing to pursue careers in the public health field

South Texas College Dual Enrollment Academies (McAllen, Texas)

Student Panel Participant

- Participated in an alumni panel as part of the Dual Credit Principal Summit to promote dual enrollment participation among school districts in the Rio Grande Valley

Texas A&M University Kingsville Upward Bound Program (Kingsville, Texas)

Presenter and Mentor

- Delivered presentation to students regarding higher education and academic experience as a first generation college student. Advised and mentored low income students wishing to pursue careers in the public health field

South Texas College TexPrep Program (Rio Grande City, Texas)

Opening Speaker and Mentor

- Speaker at the TexPREP career awareness event in Starr County, Texas. Advised and mentored first generation, minority students wishing to pursue careers in the public health field

South Texas College Dual Enrollment Medical Science Academy Program (Rio Grande City, Texas)

Keynote Speaker and Mentor

- Delivered keynote speech at the Dual Enrollment Medical Science Academy cord ceremony in Starr County, Texas. Advised and mentored first generation, minority students wishing to pursue careers in the public health field

Texas A&M University (College Station, Texas)

Guest Lecturer

- Lectured Master's level Foundations of Maternal and Child Health course at the School of Public Health. Titled: "Barriers to Reproductive health and their impact on the women of the Rio Grande Valley"

South Texas College Dual Enrollment Medical Science Academy Program (Rio Grande City, Texas)

Keynote Speaker and Mentor

- Delivered keynote speech at the Dual Enrollment Medical Science Academy cord ceremony in Starr County, Texas. Advised and mentored first generation, minority students wishing to pursue careers in the public health field

Texas A&M University (College Station, Texas)

Presenter

- Presented to graduate students attending the Maternal and Child Health Seminar at the School of Public Health. Titled: "Research Experience: U.S. Mexico Border Health Commission"

Texas A&M University Higher Education Center (McAllen, Texas)

Presenter

- Presented to incoming freshman attending Howdy Week about the difficulties and challenges of being a first generation student in conjunction with Dr. Estevan Rivas and Ms. Jessica Pena. Titled: First Gen and Proud (but still terrified!) (Fall 2019)

Texas A&M University Higher Education Center (McAllen, Texas)

Presenter

- Presented to prospective students attending two Fall Open Houses who were interested in gaining acceptance into Texas A&M University's School of Public Health. Titled: Welcome to TAMU School of Public Health in McAllen! (Fall 2019)

Texas A&M University Kingsville (Kingsville, Texas)

Presenter

- Presented to students regarding higher education and experience as a former first-generation college student. Advised and mentored low income students wishing to pursue careers in the public health field (Fall 2019)

South Texas College (McAllen, Texas)

Presenter

- Presented on my academic journey as a low income, first generation student to individuals attending the South Texas College Board Appreciation Breakfast to promote dual enrollment participation among school districts in the Rio Grande Valley. Titled: First Gen Mujer: What success looks like for a girl from La Grulla (Spring 2020)

Texas A&M University (College Station, Texas)

Presenter

- Selected to present at the 2020 Transformational Teaching and Learning Conference. Titled: "Picture it: The use of a Photovoice Project to engage students, promote creativity, and actively raise awareness of critical public health issues along the Texas - Mexico Border" (Spring 2020 - Cancelled due to COVID-19)

Texas A&M University Higher Education Center (McAllen, Texas)

Faculty Insights Panel

- Selected as a panel participant to discuss the current SPH program and student success at the New Student Conference for incoming freshman (Summer 2020)

Texas A&M University Higher Education Center (McAllen, Texas)

Presenter

- Presented to incoming freshman attending Howdy Week on how to overcome challenges faced as a first-generation student. Titled: First Gen Grad: How to Succeed as a First-Generation Student (Fall 2020)

Texas A&M University Higher Education Center (McAllen, Texas)

Presenter

- Presented to incoming students attending Howdy Week about Texas A&M University's School of Public Health undergraduate degree program. Titled: Welcome to TAMU School of Public Health in McAllen! (Fall 2020)

University of Texas Rio Grande Valley Upward Bound Program (Edinburg, Texas)

Presenter

- Delivered presentation to students regarding the current COVID-19 pandemic. Titled: COVID-19 in the Rio Grande Valley (Spring 2021)

Texas A&M University Higher Education Center (McAllen, Texas)

Presenter and Panel Discussion Participant

- Delivered presentation to students, staff, and faculty regarding the current COVID-19 pandemic. Titled: COVID-19 in the Rio Grande Valley. (Spring 2021)