

CURRICULUM VITAE

ANABEL RODRIGUEZ, PhD, MPH

Assistant Professor
Texas A&M University
School of Public Health
Department of Environmental and Occupational Health
Center for Worker Health
ORCID iD: <https://orcid.org/0000-0001-7460-5879>

212 Adriance Lab Road, 1266 TAMU, Office 271
College Station, Texas 77843
979-436-9329 (*office*)
Email: Anabelr@tamu.edu

EDUCATION

- 2014 B.S., Biology, Saint Edward's University, Austin, TX
Undergraduate Research: "Can Oil of Chenopodium and Alka-Seltzer Washes Reduce *Escherichia coli* O157:H7 and *Salmonella enterica* on Spinach?"
- 2016 M.P.H., Epidemiology, University of Texas Health Science Center at Houston, School of Public Health, San Antonio, TX
Thesis: "*The Association of Worksite Ergonomic and Safety Risk Factors with Work-Related Musculoskeletal Health Outcomes among Logging Machine Operators in the Texas, Louisiana, and Arkansas Region.*"
- 2019 Ph.D., Epidemiology (*NIOSH Occupational Epidemiology Trainee*), University of Texas Health Science Center at Houston, School of Public Health, San Antonio, TX
Dissertation Proposal: "*Tuberculosis Among Dairy Workers in Bailey County, Texas.*"

CERTIFICATIONS

- 2023 OSHA #501 Authorized OSHA Outreach Trainer (issue *10- and 30-hour General Industry cards; English and Spanish*), The University of Texas Arlington, OSHA Education Center, Arlington, TX
 OSHA #7845 Recordkeeping
 OSHA #511 Occupational Safety and Health Standards for General Industry
- 2023 Vitality Cafés Host Certification, Be Strong Families, Chicago, IL
- 2023 Cultural Competency- Sheep Herding: A Holistic Lifeway, Baclabito, NM, Navajo Nation, New Mexico Medical Society (NMMS)
- 2022 National Phlebotomy Certification (NPCN-16655-2406), National Registry of Allied Health Professionals, Northwest Phlebotomy School, San Antonio, TX

LANGUAGE SKILLS

English: read, write, speak
Spanish: read, write, speak (*native language*)

PROFESSIONAL EXPERIENCE (since 2014)

2024 – present	Assistant Professor (<i>tenure track</i>), Environmental and Occupational Health, Texas A&M University, School of Public Health, College Station, TX
2024 – present	Program Director (<i>Salud Campesina</i>), Texas Epidemic Public Health Institute (TEPHI), University of Texas Health Science Center at Houston, School of Public Health, Houston, TX
2021 – 2024	Assistant Professor (<i>tenure track</i>), Department of Epidemiology, Human Genetics, and Environmental Sciences, University of Texas Health Science Center at Houston, School of Public Health, San Antonio, TX
2022 – 2024	Program Lead (<i>Rural and Border Communities, Small Rural Healthcare Systems, and Food Chain Preparedness Working Groups</i>), Texas Epidemic Public Health Institute (TEPHI), University of Texas Health Science Center at Houston, School of Public Health, Houston, TX
2021 – 2024	Outreach Program Director , Southwest Center for Occupational and Environmental Health (SWCOEH), University of Texas Health Science Center at Houston, School of Public Health, Houston, TX
2019 – 2021	Adjunct Faculty , Environmental Health, Trull School of Sciences and Math, Schreiner University, Kerrville, TX
2019 – 2021	Research Coordinator I , Department of Epidemiology, Human Genetics, and Environmental Sciences, University of Texas Health Science Center at Houston, School of Public Health, San Antonio, TX
2017 – 2019	National Institute for Occupational Safety and Health (NIOSH) Occupational Epidemiology Trainee , Southwest Center for Occupational and Environmental Health (SWCOEH), University of Texas Health Science Center at Houston, School of Public Health, San Antonio, TX
2014 – 2019	Graduate Research Assistant , Department of Epidemiology, Human Genetics, and Environmental Sciences, University of Texas Health Science Center at Houston, School of Public Health, San Antonio, TX
2015 – 2017	Project Manager , Susan Harwood Dairy Worker Safety Training Program, Occupational Safety and Health Administration (OSHA), University of Texas Health Science Center at Houston, School of Public Health, San Antonio, TX
2014 – 2020	LesMills BODYPUMP Instructor , Gold's Gym Group Exercise Program, San Antonio, TX
2014	Microbiology Laboratory Technician , Institute of Environmental Health (IEH), San Antonio, TX

HONORS AND AWARDS

2024	National Public Health Week Photo Contest, Texas A&M University, College Station, TX First Place—Faculty/Staff Category “Harvest Hands” Second Place—Faculty/Staff Category “Multigenerational Work” Third Place—Overall Category “Harvest Hands”
2024	UT Physicians™ 2024 MarComm Award: Best in Graphic Design— <i>Loteria Agricola</i> , Texas Epidemic Public Health Institute (TEPHI)
2023	APHA 2023 Annual Meeting Film Festival: <i>TEPHI Empowering Rural Texas Communities for Future Pandemics</i>
2023	Alumni Achievement Award Honoree , St. Edward’s University, Austin, TX
2023	2023 ASPPH Harrison C. Spencer Award for Outstanding Community Service
2021	Induction into St. Edward’s University Board of Trustees, Austin, TX
2019	Community Engagement Hero Award from the Institute of Medicine and Science (IIMS) for the category of Outstanding Student, San Antonio, TX
2019	Health Literacy Hero Award from the Health Collaborative, San Antonio, TX
2017 – 2019	National Institute for Occupational Safety and Health (NIOSH) Occupational Epidemiology Trainee, Southwest Center for Occupational and Environmental Health (SWCOEH), Houston, TX
2014	Student Spotlight, Student Association, UTHealth Houston
2014	St. Edward’s University Presidential Award, Austin, TX
2010 – 2019	Gates Millennium Scholar
2010 – 2014	College Assistance Migrant Program (CAMP) Scholar
2012 – 2014	Hatton Sumner’s Scholar
2010 – 2014	Dean’s List
2013	Kaplan Undergraduate Achievement Award
2012	Minority Access to Research Careers (MARC) Travel Award
2011	Outstanding First Year Biology Student
2010	Exemplary Migrant Student
2010	Sam Walton Scholar

PROFESSIONAL INTERESTS

Agricultural working populations (*hard-to-reach, limited English proficiency*)
Immigrant workers, immigrant health, migrant populations
Occupational safety, health, and well-being training, education, program evaluation
Occupation (precarious employment) as a social determinant of health
Occupational Epidemiology, Injury Epidemiology, Total Worker Health®
Infectious, emerging diseases (*tuberculosis, bovine tuberculosis, COVID-19, influenza, brucellosis*)
Vaccine access, equity, utilization, hesitancy, and barriers
Health disparities; access barriers in rural regions (*health deserts; medically underserved regions*)

TEACHING EXPERIENCE

2024 – present	PHEO 674 Environmental and Occupational Health Research Methods, Texas A&M University, School of Public Health, College Station, TX
2022 – 2024	Occupational Epidemiology (<i>Assistant Professor, University of Texas Health Science Center at Houston School of Public Health, San Antonio, TX</i>)
2023	Occupational Ergonomics (<i>Guest Lecturer, UTHealth Houston School of Public Health, Houston, TX</i>)
2023	HA 5335 Public Health for Healthcare Administrators (<i>Guest Lecturer, Texas State University, San Marcos, TX</i>)
2021 – present	Epidemiology (<i>Guest Lecturer, St. Edward's University, Austin, TX</i>)
2019 – 2021	Environmental Health (<i>Adjunct Faculty, Schreiner University, Kerrville, TX</i>)

ACTIVE GRANTS & PROJECTS AS KEY PERSONNEL

2025 – 2026	Project Title: Tuberculosis Exposure Among Dairy Farm Workers in Texas-New Mexico Milkshed. PI: Anabel Rodriguez, PhD. Funding Agency: Texas A&M Health Science Center. Total Costs \$60,000 Type: Seedling Grant. Role: PI Percent Effort: 15.0%
2025 – 2026	Project Title: Occupational Health, Well-Being, and Social Support among Farmworkers in the Rio Grande Valley. PI: G Lopez Ixta, MPH, Anabel Rodriguez, PhD (Mentor). Funding Agency: CDC/NIOSH/Southwest Center for Occupational and Environmental Health. Total Costs \$10,000 Type: Pilot. Role: PI Mentor Percent Effort: 0.0%
2024 – 2025	Project Title: Assessment of Highly Pathogenic Avian Influenza (H5N1) Among Dairy Farm Workers. Code: 75D30124C19382. PI: David Douphrate, PhD. Funding Agency: DHHS/CDC. Total Costs \$3,884,877 Type: Research Contract. Role: Co-I Percent Effort: 40.0%
2024	Project Title: Development, delivery, and evaluation of a dairy worker health, safety, and well-being training on highly pathogenic avian influenza (H5N1).

PI: Anabel Rodriguez, PhD. **Funding Agency:** DHHS/CDC/National Center for Farmworker Health. **Total Costs** \$74,555. **Type:** Training Program. **Role:** PI. **Percent Effort:** 15.0%

2024 – 2025 **Project Title:** H5N1 Worker Training Development, Delivery and Evaluation; Southwest Center for Agricultural Health, Injury Prevention and Education (SW Ag Center). **Code:** U54OH007541. **MPI:** David Douphrate, PhD, Anabel Rodriguez, PhD. Center Director, Vanessa Casanova, PhD. **Funding Agency:** CDC/NIOSH. **Total Costs** \$107,927 **Type:** Supplemental. **Role:** PI **Percent Effort:** 8%

2024 – 2029 **Project Title:** Improving CMV and Agricultural Worker Safety on Rural Texas Roadways. **PI:** Eva Shipp, PhD. **Code:** FM-MHP-24-004. **Funding Agency:** DOT/Federal Motor Carrier Safety Administration. **Total Costs:** \$398,324. **Type:** Research/Education. **Role:** Co-I. **Effort:** 10%

2023 – 2025 **Project Title:** United States Department of Agriculture (USDA) Farm and Food Worker Relief Grant Program. **Code** **PI:** Anabel Rodriguez, PhD. Program Director: Bethany Boggess Alcauter, PhD (National Center for Farmworker Health). **Funding Agency:** USDA. **Total Costs (subcontract):** \$231,000. **Type:** Demonstration/Outreach. **Role:** PI. **Percent Effort:** 15.0%

2024 – 2025 **Project:** Texas Epidemic Public Health Institute (TEPHI). **Activity code:** Contract. **Funding Agency:** TEPHI, established by 87th Texas Legislature Senate Bill (SB) 1780 as a new state agency housed. **Role:** Subaward PI (*Principal Investigator: Dr. Eric Boerwinkle, UTHealth SPH*) in *Salud Campesina* Working Group. **Total Costs (subcontract):** \$237,302. **Type:** Clinical Outreach. **Percent Effort:** 15.0%

2022 – 2027 **Project Title:** Dairy Worker Fatigue Assessment and Effect on Health, Safety and Performance; Intervention Core Project of the High Plains and Intermountain Center for Agricultural Health and Safety (HICAHS). **Code:** U54OH008085. **PI:** David Douphrate, PhD. Center Director: Stephen Reynolds, PhD. **Funding Agency:** CDC/NIOSH. **Total Costs (subcontract):** \$1,661,765 **Type:** RO1 Level. **Role:** Co-I **Percent Effort:** 17.0%

2022 – 2027 **Project Title:** Characterization and Comparison of Worker Health Status on Western U.S. Large-Herd Dairy Farms; Basic/Etiology Core Project of the Southwest Center for Agricultural Health, Injury Prevention and Education (SW Ag Center). **Code:** U54OH007541. **PI:** David Douphrate, PhD. Center Director, Vanessa Casanova, PhD. **Funding Agency:** CDC/NIOSH. **Total Costs (subcontract):** \$791,745 **Type:** RO1 Level. **Role:** Co-I **Percent Effort:** 10.0%

2023 – 2028 **Project Title:** Salud en Mis Manos (SEMM): An Evidence-Based Breast & Cervical Cancer Early Detection and Prevention Program for Underserved Latinas. **PI:** Lara Savas, PhD. **Funding Agency:** CPRIT. **Total Costs:** \$2,499,492 **Type:** **Role:** Consultant.

COMPLETED GRANTS & PROJECTS AS KEY PERSONNEL

2020 – 2024	Project Title: Southwest Center for Occupational and Environmental Health Education and Research Center (NIOSH-ERC). Code: T42OH008421. Center Director and PI: David Gimeno, PhD. Funding Agency: CDC/NIOSH. Total Costs: \$7,000,000. Role: Outreach Program Director. Percent Effort: 7.51%
2020 – 2024	Project Title: Prevention, Preparedness, and Response (P2R) Consortium (Years 11-15). PI: Janelle Rios, PhD. Funding Agency: National Institute of Environmental Health Sciences (NIEHS) /NIH/DHHS. Total Costs: \$3,043,791 Type: Consortium. Role: Co-I. Percent Effort: 2.0%
2020 – 2024	Project Title: Hazmat Disaster Preparedness Training Program (HDPTP). PI: Janelle Rios, PhD. Funding Agency: National Institute of Environmental Health Sciences (NIEHS) /NIH/DHHS. Total Costs: \$1,138,781 Type: Training. Role: Co-I. Percent Effort: 2.0%
2022 – 2023	Project Title: Workplace Safety and Health Training on Infectious Diseases, Including COVID-19 Code: SH-38960-22-60-F-48. PI: Anabel Rodriguez, PhD Funding Agency: DOL/OSHA/Susan Harwood Training Program Grant. Type: Training Program Grant. Total Costs: \$160,000. Role: PI. Percent Effort: 15.0%
2018 – 2023	Project Title: VALES+Tu: Targeting Psychosocial Stressors to Reduce Latino Day Laborers (LDL) Injury Disparities. Code: 1R01MD012928 PI: Maria Eugenia Fernandez-Esquer, PhD. Funding Agency: National Institute of Minority Health and Health Disparities (NIMHD). Total Costs: \$3,322,567 Type: RO1 Level. Role: Co-I. Percent Effort: 5.0%
2022 – 2023	Project Title: Physical Exposures and Musculoskeletal Symptoms Among Logging Machine Operators; Basic/Etiology Core Project of the Southwest Center for Agricultural Health, Injury Prevention and Education (SW Ag Center). Code: U54OH007541-16. PI: Anabel Rodriguez, PhD. Center Director, Vanessa Casanova, PhD. Funding Agency: CDC/NIOSH. Total Costs (subcontract carryover): \$71,370 Type: RO1 Level. Role: PI. Percent Effort: 5.0%
2021 – 2023	Project Title: Texas COVID-19 vaccine outreach and education. Code: HHS001043100001. PI (subaward): Anabel Rodriguez, PhD. Funding Agency: DHHS/CDC/Texas A&M Health. Total Costs (subcontract amendment): \$372,674. Type: Outreach. Role: Principal Investigator. Percent Effort: 27.0%
2020 –2022	Project Title: COVID-19 in the US Dairy Industry: Development, Delivery and Evaluation of Training Resources for Producers and Workers. Code: Pending. PI: David Douphrate, PhD. Funding Agency: USDA/NIFA, Agriculture and Food Research Initiative (AFRI). Total Costs: \$639,000. Type: AFRI Research Standard Grant. Role: Co-I. Percent Effort: 15.0%

2016 – 2022	Project Title: Occupational Safety Management and Leadership on Large-Herd Dairy Farms; Intervention Core Project of the High Plains and Intermountain Center for Agricultural Health and Safety (HICAHS). Code: U54OH008085-13. PI: David Douphrate, PhD. Center Director: Stephen Reynolds, PhD. Funding Agency: CDC/NIOSH. Total Costs (subcontract): \$1,175,741 Type: RO1 Level. Role: Co-I. Percent Effort: 15.0%
2016 – 2022	Project Title: Physical Exposures and Musculoskeletal Symptoms Among Logging Machine Operators; Basic/Etiology Core Project of the Southwest Center for Agricultural Health, Injury Prevention and Education (SW Ag Center). Code: U54OH007541-16. PI: David Douphrate, PhD. Center Director, Jeff Levin, MD. Funding Agency: CDC/NIOSH. Total Costs (subcontract): \$699,995 Type: RO1 Level. Role: Co-I. Percent Effort: 15.0%
2021 – 2022	Project Title: Effectiveness of trained community lay workers on glycemic control, knowledge, and self-efficacy among agricultural workers with diabetes in the Texas Panhandle. Code: U54OH008085. PI: Anabel Rodriguez, PhD. Funding Agency: CDC/NIOSH/HICAHS Total Costs: \$24,744. Type: Pilot/Feasibility Research Project. Role: Principal Investigator. Percent Effort: 4.0%
2021 – 2022	Project Title: Feasibility of rural mobile health clinic to increase vaccine uptake among vulnerable populations in the Texas Panhandle. Code: NU21IP000596-01-00. PI: Brandi Reed, FSS. Funding Agency: CDC/RISE. Total Costs (subcontract PI): \$350,000. Type: Demonstration Project. Role: Co-Investigator. Percent Effort: 11.0%
2020 – 2022	Project Title: Mental health needs of migrant farmworkers in Texas. Co-PI: Anabel Rodriguez, PhD, MPH and Jack Tsai, PhD. Funding Agency: UTHealth Internal Funds. Total Costs: TBD. Role: Co-Investigator. Percent Effort: 0.0%
2022	Project Title: Your Shot Texas Fund partnership with Texas COVID-19 vaccine outreach and education. Code: HHS001043100001. PI (subaward): Anabel Rodriguez, PhD. Funding Agency: Greater Houston Community Foundation. Total Costs (subcontract; additional funds awarded): \$2,500 Type: Outreach/Food and Beverage. Role: Principal Investigator. Percent Effort: 0.0%
2021 – 2022	Project Title: Healthcare needs and feasibility of on-site services among construction workers in South Texas. PI: Sofia Lopez. Funding Agency: UTHSCSA IIMS-CTSA/NIH. Total Costs: \$4,723.10. Role: Co-Investigator. Percent Effort: 0.0%
2021	Project Title: Linking agricultural producers with public health departments for on-farm COVID-19 vaccine efforts. PI: Anabel Rodriguez, PhD. Funding Agency: CDC/National Center for Farmworker Health. Total Costs: \$44,012. Type: Demonstration Project. Role: Principal Investigator. Percent Effort: 20.0%

2019 – 2021	Project Title: Needs Assessment of Total Worker Health Interventions Among Dairy Workers in West Texas. PI: Anabel Rodriguez, PhD, MPH. Funding Agency: UTHealth Tyler/NIOSH Total Costs: \$14,963.00. Role: Principal Investigator. Percent Effort: 0.0%
2018 – 2019	Project Title: Tuberculosis Among Dairy Workers in Bailey County, Texas. PI: Anabel Rodriguez, PhD, MPH. Funding Agency: NIOSH. Total Costs: \$9,601.87. Type: Pilot Project. Role: Principal Investigator. Percent Effort: 0.0%
2016 – 2017	Project Title: Safety Training Among Dairy Workers Using Mobile Learning Technologies Code: SH-29638-16-60-F-48. PI: David Douphrate, PhD Funding Agency: DOL/OSHA, Susan Harwood Capacity Generating Grant: Total Budgeted: \$116,248. Role: Project Manager.
2014 – 2017	Project Title: Exposure Assessment and Intervention Analysis in Industrialized Dairy Parlors. Code: U54OH008085-12. PI: David Douphrate, PhD. Center Director: Stephen Reynolds, PhD. Funding Agency: CDC/NIOSH/CSU: Total Costs (subcontract): \$668,953. Type: RO1 level project. Role: Graduate Research Assistant.
2014 – 2017	Project Title: Development of Safety Management and Leadership Training Program for Logging Contractors. Code: U01OH010815-03. PIs: David Douphrate, PhD and Vanessa Casanova, PhD. Funding Agency: CDC/NIOSH/UTHSC-Tyler. Total Costs (subcontract): \$374,989; Type: RO1 Level. Role: Graduate Research Assistant.

SUBMITTED PROJECTS UNDER REVIEW

2025 – 2030	Project Title: Examining the impact of paid sick leave policies on temporary visa workers: A mixed-methods longitudinal study. PI: Shannon Guillot-Wright, PhD. Code: RFA-NR-24-006 Funding Agency: NIH. Total Costs: (subaward) \$294,466. Type: RO1 Level. Role: Co-I (<i>Subaward PI</i>). Effort: 10.0%
2025 – 2030	Project Title: Exploring risk factors for Chronic Disease of unknown etiology (CKDu) in at-risk adults, and reference values of estimated glomerular filtration rate (eGFR) distribution in the US and Honduras. PI: David Gimeno Ruiz de Porras, PhD. Code: PA-20-185. Funding Agency: NIH/DHHS. Total Costs: (subaward) \$289,410. Type: R01 Level. Role: Co-I (<i>Subaward PI</i>). Effort: 7.0%

PROJECTS SUBMITTED AND NOT FUNDED

2024 – 2025	Project Title: Workplace health and well-being training on recognition, avoidance, and prevention of mental health stressors in the workplace among farm and bodega workers in the Rio Grande Valley. Code: SHTG-FY-24-01. PI: Anabel Rodriguez, PhD Funding Agency: DOL/OSHA/Susan Harwood Training Program Grant. Type: Targeted Topic Training. Total Costs: \$160,000. Role: PI. Percent Effort: 17.0%
-------------	--

2024 – 2029	Project Title: TALON Collaborative for Public Readiness and Response – Region 6: <i>Component E, Strategy 10: Dairy Farm Workers and Avian Flu Training</i> . PI: Eric Boerwinkle, PhD. Code: CDC-RFA-TU-24-0142. Funding Agency: DHHS – Centers for Disease Control and Prevention. Total Costs: (subaward) \$949,073. Type: Center/Public Service. Role: Co-I (<i>Subaward PI</i>). Effort: 15%
2024 – 2031	Project Title: Center: PIPP Phase II: Theme 4: The role of individual and population dynamics in pandemic preparedness, prevention, and response. PI: Eric Boerwinkle, PhD. Funding Agency: National Science Foundation (NSF). Total Costs: \$17,999,898. Type: 23-608 Center. Role: Co-I. Effort: 10%
2024 – 2029	Project Title: Exploring risk factors for CKDu in at-risk adults, and reference values of eGFR distribution in the US and Honduras. PI: David Gimeno Ruiz de Porras, PhD. Code: PA-20-185. Funding Agency: NIH/DHHS. Total Costs: \$3,542,771. Type: R01 Level. Role: Co-I (<i>Subaward PI</i>). Effort: 7%
2024 – 2029	Project Title: The Baylor/UTHealth Virome Characterization Center: Profiling the Mexican American Virome. PI: Craig Hanis, PhD. Code: RFA-RM-23-016. Funding Agency: NIH/Baylor College of Medicine (BCM). Total Costs: \$. Type: Human Virome Characterization Centers U54. Role: Co-I. Effort: 10%
2024 – 2026	Project Title: Creation of a Behavioral Health Data Center for Bexar County. PI: Jack Tsai, PhD. Code: P012127. Funding Agency: Bexar County Auditor (BEXAR). Total Costs: \$3,222,403. Role: Co-I. Effort: 5%
2024 – 2026	Project Title: Prevalence of latent and active tuberculosis and brucellosis among dairy farm workers in Texas and New Mexico. PI: Anabel Rodriguez, PhD. Funding Agency: NIH/NIOSH. Code: PAR-18-798. Total Costs: \$344,561. Type: R21 Level. Role: Principal Investigator. Percent Effort: 15%
2023 – 2024	Project Title <i>Sudando la gota gorda</i> : Heat stress prevention training for farm and bodega workers in the Rio Grande Valley (RGV) PI: Anabel Rodriguez, PhD Funding Agency: Texas Mutual Insurance Company. Type: Workforce Development and Safety Training. Total Costs: \$100,000. Role: Principal Investigator. Percent Effort: 18.0%
2023 – 2024	Project Title: <i>La curita</i> (“the bandage”): Basic first aid and wound self-care pilot training for farm and bodega workers in the Rio Grande Valley Code: SHTG-FY-23-03. PI: Anabel Rodriguez, PhD Funding Agency: DOL/OSHA/Susan Harwood Training Program Grant. Type: Capacity Building Pilot. Total Costs: \$80,000. Role: Principal Investigator. Percent Effort: 11.0%
2023 – 2025	Project Title: Surveillance for SARS-CoV-2 & Other Coronaviruses Among Texas Livestock and Wildlife. PI: Gregory Gray, MD. Code: USDA-APHIS-10025-OA000000-23-0001 Funding Agency: USDA/APHIS/One Health. Total Costs: (subaward) \$100,857. Type: Cooperative/Interagency Agreements Role: Co-I (<i>Subaward PI</i>). Effort: 15.0%

2023 – 2028	Project Title: Examining the longitudinal health effects of precarious employment using a community based participatory research model. PI: Shannon Guillot-Wright, PhD. Code: PAR-21-275 Funding Agency: NIH The Role of Work in Health Disparities in the US. Total Costs: (subaward) \$368,169. Type: RO1 Level. Role: Co-I (<i>Subaward PI</i>). Effort: 20.0%
2023 – 2028	Project Title: Chronic kidney disease of undetermined cause (CKDu) in at-risk adults and reference values of estimated glomerular filtration rate (eGFR) in adults in the US and Central America. PI: David Gimeno Ruiz de Porras, PhD. Code: PA-20-185. Funding Agency: NIH/DHHS. Total Costs: \$3,542,771. Type: R01 Level. Role: Co-I. Effort: 10.0%
2023 – 2026	Project Title: Rapid Detection of Incursions of SARS-CoV-2 and Novel Coronaviruses on Texas' Meat and Dairy Farms. PI: Gregory Gray, MD. Funding Agency: USDA/NIFA/AFRI. Type: AFRI Research Initiative Competitive Grants Program. Role: Collaborator. Effort: 4.0% (subcontract)
2023 – 2028	Project Title: Detecting Novel Zoonotic Respiratory Viruses Before They Adapt to Humans and Cause Epidemics. PI: Gregory Gray, MD. Funding Agency: NIH/NIAID. Type: RO1 Level. Role: Collaborator. Effort: 2.0% (subcontract)
2022 – 2027	Project Title: Texas-based CDC Pathogens Genomic Center of Excellence (Kuben PI). Our project "Texas Food Security Novel Respiratory Virus Threat" (Greg PI). PI: Gregory Gray, MD. Funding Agency: CDC. Type: Cooperative Agreement. Role: Collaborator. Effort: 4.0%
2023 – 2028	Project Title: Multi-Omics of Prediabetes Transitions among Mexican Americans in Starr County, Texas. PI: Craig Hanis, PhD. Code: RFA-HG-22-008. Funding Agency: National Human Genome Research Institute (NHGRI)/NIH/DHHS. Total Costs: \$3,794,754. Type: R01 Level. Role: Co-I. Effort: 5.0%
2023 – 2025	Project Title: Prevalence of latent and active tuberculosis and brucellosis among dairy farm workers in Texas and New Mexico. PI: Anabel Rodriguez, PhD. Funding Agency: NIH. Total Costs: \$395,579. Type: R21 Level. Role: PI. Percent Effort: 15.0%
2022 – 2024	Project Title: A Prospective Study of Influenza D Virus Transmission Between Cattle and Cattle Workers, Texas. PI: Gregory Gray, MD. Funding Agency: UTMB/McLaughlin Fellowship. Type: Fellowship. Role: Co-I.
2021 – 2025	Project Title: Effects of Teat Cleaning Methods on Physical Demands and Musculoskeletal Symptoms among Dairy Parlor Workers. PI: David Doupbrate, PhD. Code: PAR-18-812. Funding Agency: CDC/NIOSH. Total Costs: \$1,833,390. Role: Co-I. Effort: 20.0%
2021 – 2023	Project Title: Understanding COVID-19 Vaccine Confidence and Hesitancy in Texas: A Rapid Community Assessment. PI: Paula Cuccaro, PhD. Code:

Pending. **Funding Agency:** CDC/DSHS **Total Costs** (*subcontract*): \$6,999,549. **Type:** Rapid Community Assessment. **Role:** Co-Investigator. **Effort:** 5.0%

- 2021 – 2022 **Project Title:** Prevalence of latent and active tuberculosis among dairy farm workers in Texas, USA and Hidalgo, Mexico: A comparative study. **PI:** Anabel Rodriguez, PhD. **Funding Agency:** UTHealth PRIME. **Total Costs:** \$24,969.00. **Role:** Principal Investigator. *Not funded.*
- 2020 – 2021 **Project Title:** Prevalence of latent and active tuberculosis among dairy farm workers in Texas, USA and Hidalgo, Mexico: A comparative study. **PIs:** David Douphrate, PhD and Jose Sifuentes-Osornio, MD (Instituto Nacional de Ciencias Médicas y Nutrición Salvador Zubirán, Mexico City, Mexico). **Funding Agency:** ConTex. **Total Costs:** \$80,301.48. **Role:** Key Personnel. *Not funded. Re-submitted.*
- 2020 – 2021 **Project Title:** Depression severity among migrant farmworker families in South Texas. **PI:** Anabel Rodriguez, PhD, MPH. **Funding Agency:** UTHSCSA/ReACH/NIH. **Total Costs:** 14,752.48. **Role:** Principal Investigator. *Program suspended due to COVID-19. Funded Internally.*
- 2019 – 2020 **Project Title:** Needs Assessment of Total Worker Health Interventions Among Dairy Workers in West Texas. **PI:** Anabel Rodriguez, PhD, MPH. **Funding Agency:** UTHSCSA/NIH **Total Costs:** \$4,049.30. **Role:** Principal Investigator. *Not funded. Re-submitted.*
- 2019 – 2021 **Project Title:** Effect of Teat Sanitation Methods on Worker Health Demands and Teat Cleanliness **PI:** David Douphrate **Funding Agency:** USDA/AFRI **Total Costs:** \$499,221 **Role:** Graduate Research Assistant. *Not funded. Re-submitted.*

PUBLICATIONS

Bibliography: <https://www.ncbi.nlm.nih.gov/myncbi/anabel.rodriguez.1/bibliography/public/>

Rodriguez A, Douphrate DI, Pineda Reyes AL, Zavala S, Cabrera Cruz AV, Alegria MD, Ukaegbu B, Keeney AJ, Berumen-Flucker B, Shipp EM, Guillot-Wright SP, Fernandez-Esquer ME, Gimeno Ruiz de Porras G. (2025). Promoting workplace health, safety, and well-being among essential agricultural workers through vaccine-preventable infectious diseases training in the Rio Grande Valley. *Journal of Agromedicine*. 1-11. DOI: 10.1080/1059924X.2024.2421249

Keeney A, **Rodriguez A**, Murillo J, Ingold S. (2025). Ocupación de Familia: Parent-Child Stress Coping in Rural Farm-Dependent Families. *OBM Integrative and Complementary Medicine—Special Issue: Cultivating Well-Being on Farms and Ranches*. 10 (1): 2-18. DOI: 10.21926/obm.icm.2501002.

Douphrate D, **Rodriguez A**, Kines P, Hossein JA. (2024). Effect of Dairy Farm Supervisor Leadership Training on Workplace Safety Climate. *Workplace Health and Safety*. DOI: 10.1177/21650799241304458

Douphrate D, **Rodriguez A**, Kines P, Hossein JA. (2024). Safety leadership training effectiveness evaluation of behavior change among large-herd U.S. dairy farm supervisors. *Workplace Health and Safety*. DOI: 10.1177/21650799241302817

Ruch K, **Rodriguez A**, Rios J, Ostrosky-Zeichner L, Brown EL. (2024). Evaluation of Certification Board of Infection Control and Epidemiology, Inc. Certification in Infection Control (CIC) Examination Rates. *American Journal of Infection Control*. DOI: 10.1016/j.ajic.2024.11.020

Guillot-Wright S, Davis L, Truong L, Castaneda H, **Rodriguez A**. (2024). The Hotel of 10,000 Stars": The impact of social-structural determinants of health among im/migrant shrimpers in the Gulf of Mexico. *American Journal of Public Health*. e1-e9. DOI: 10.2105/AJPH.2024.307696

Rodriguez A, Chavez L, Wagner T, Howe C. (2024) Effectiveness of trained community lay workers on glycemic control, knowledge, and self-efficacy among agricultural workers with diabetes in the Texas Panhandle. *Journal of Immigrant and Minority Health*. DOI: 10.1007/s10903-024-01603-8

Keeney AJ, Ingold SS, Pena AA, Ciro D, **Rodriguez A**. (2024). Pre and during COVID-19 access to rural mental health care among agriculture communities in the rock mountain region. *Journal of Rural Mental Health*. DOI: 10.1037/rmh0000251.

Rodriguez A, López, SN, Douphrate, D. (2023). On-farm health screening needs of immigrant dairy workers in the Texas Panhandle and South Plains. *Journal of Agromedicine*. DOI: 10.1080/1059924X.2023.2200418.

Tsai J, **Rodriguez A**, Solis V. (2023). A small randomized controlled trial of three remote methods to collect mental health data from migrant farmworker adults. *Journal of Immigrant and Minority Health*. DOI: 10.1007/s10903-023-01452-x.

Gray GC, Dacso MM, Bente DA, Weaver S, Kobinger GP, Melby PC, McLellan SLF, Keiser PK, Hamer SA, Hamer G, Parker GW, Douphrate D, **Rodriguez A**, Goodman ML. (2022) Texas Professionals are Employing a One Health Approach to Protect the United States Against Biosecurity Threats. *One Health*. 15 (100431). DOI: 10.1016/j.onehlt.2022.100431.

Rodriguez A, Douphrate D, Hagevoort R, Cienega L, Gimeno Ruiz de Porras D, Perez A, Nonnenmann M. (2021) Association of exposure to cattle with self-reported history of TB among dairy workers. *Workplace Health and Safety*. DOI: 10.1177/2165079920976521. PMID: 33383992. PMCID: PMC8205934. NIHMSID: 1672198.

Rodriguez A, Douphrate, D, Gimeno D, Prot, E, Perez A, Hagevoort R, Nonnenmann M. (2020) Bovine tuberculosis case intervention using T. SPOT.TB assay to screen dairy workers in Bailey County, Texas. *Frontiers in Public Health*. 8 (479): 1-7. DOI: 10.3389/fpubh.2020.00479. PMID: 32984254. PMCID: PMC7493632.

Rodriguez A, Hagevoort R, Cienega L, Gimeno D, Perez A, Nonnenmann M, Douphrate, D. (2020). Association of category of cattle exposure and tuberculosis knowledge among dairy workers in Bailey County, Texas. *Journal of Agromedicine*. DOI: 10.1080/1059924X.2020.176593. PMID: 32449645. PMCID: PMC7928191. NIHMSID: 1672190.

Douphrate D, Fethke N, Nonnenmann M, **Rodriguez A**, Gimeno Ruiz de Porras. (2019) Reliability of observational- and machine-based teat hygiene scoring methodologies. *Journal of Dairy Science*. 102(8): 7494-7502. DOI: 10.3168/jds.2019-16351. PMCID: 6939313.

Berumen B, **Rodriguez A**, Cienega L, Casanova V, Pompeii L, Douphrate D. (2019) Evaluation of safety management and leadership training using mobile technologies among logging supervisors. *Journal of Agromedicine*. 24(2): 197-204. DOI: 10.1080/1059924X.2019.1567420. PMID: 7008448. NIHMSID: 1068661.

Rodriguez A, Casanova V, Levin J, Gimeno Ruiz de Porras D, Douphrate D. (2019) Work-related musculoskeletal symptoms among loggers in the Ark-La-Tex region. *Journal of Agromedicine*. 9:1-10. DOI: 10.1080/1059924X.2019.1567423. PMID: 30624156. PMID: 7008449. NIHMSID: 1068663.

Rodriguez A, Hagevoort R, Leal D, Pompeii L, Douphrate D. (2018) Using mobile technology to increase safety awareness among dairy workers in the United States. *Journal of Agromedicine*. 23:4, 315-326. DOI: 10.1080/1059924X.2018.1502704. PMID: 30230436.

Douphrate D, Gimeno Ruiz de Porras D, Nonnenmann M, Hagevoort R, Reynolds S, **Rodriguez A**, Fethke N. (2017). Effects of milking unit design on upper extremity muscle activity during attachment among U.S. large-herd parlor workers. *Applied Ergonomics*. 58:482-490. DOI: 10.1016/j.apergo.2016.08.008. PMID: 7008452. NIHMSID:1068529.

Douphrate D, Fethke N, Nonnenmann M, **Rodriguez A**, Hagevoort R, Gimeno Ruiz de Porras D. (2016). Full-shift and task-specific assessment of muscle activity among large herd dairy parlor workers. *Ergonomics*. 60:1042-1054. DOI: 10.1080/00140139.2016.1262464. PMID: 7020102. NIHMSID: 1068688.

Douphrate D, Fethke N, Nonnenmann M, **Rodriguez A**, Hagevoort R, Gimeno Ruiz de Porras D. (2016). Effect of a novel teat preparation system on upper extremity muscle activity among U.S. large-herd dairy parlor workers. *International Journal of Industrial Ergonomics*. 56:161-169. DOI: 10.1016/j.ergon.2016.10.003. PMID: 7043381. NIHMSID: 1068672.

Rodriguez A and Baynham P. "Can Oil of Chenopodium and Alka-Seltzer Washes Reduce *Escherichia coli* O157:H7 and *Salmonella enterica* on Spinach?" was published in Journal of Symposium on Undergraduate Research and Creative Expression (jSOURCE) (April 19, 2013)

MANUSCRIPTS ACCEPTED

Ruch K, **Rodriguez A**, Rios J, Ostrosky-Zeichner L, Brown EL. (2024). A Texas Cross-Sectional Study: Evaluating Infection Preventionist Orientation and Training Practices. *American Journal of Infection Control*. Accepted.

Douphrate D, **Rodriguez A**, Kines P, Hossein JA, Hagevoort R, Pompeii, L. (2024). Safety leadership training: implementation and effectiveness evaluation in the dairy farm industry. *Workplace Health and Safety*. Accepted.

Ruch K, **Rodriguez A**, Rios J, Ostrosky-Zeichner L, Brown EL. (2024). Development, Delivery, and Evaluation of the Texas Epidemic Public Health Institute (TEPHI) Infection Control Lecture Series. *American Journal of Infection Control*. Accepted.

MANUSCRIPTS UNDER REVIEW

Fernandez-Sanchez H, Enríquez-Hernandez CB, Castellanos-Contreras E, Salazar-Mendoza J, **Rodriguez A**. (2025). Migración en Transito en México: análisis de rutas y recursos para los migrantes. Under review.

Rodriguez A, Douphrate DI, Pineda Reyes AL, Zavala S, Chavez L, Lopez SN, Cabrera Cruz AV, Keeney AJ, Hernandez N, Berumen-Flucker B, Shipp EM, Nonnenmann MW, Guillot-Wright SP, Boggess Alcauter B, Lopez Ixta G, Cuccaro PM, Fernandez-Sanchez H, Gimeno Ruiz de Porras G. (2025). Fuimos olvidados y descuidados [Forgotten and neglected]: Lessons learned and findings from on-farm COVID-19 education and vaccine clinics for agricultural workers and their multigenerational families in Texas. *Workplace Health and Safety*. [Under review](#).

Fernandez-Esquer ME, Gomez-Pinzon C, Li Y, Maroufy V, Monforton C, Ojeda M, **Rodriguez A**. (2025). Hazardous work exposures and risk of serious injury among Latino day laborers in Houston, Texas (2014-2021). [Under review](#).

MANUSCRIPTS IN DEVELOPMENT

Bressler J, Perkison W, **Rodriguez A**, Hanis C. (2024). Social factors and food insecurity: COVID-19 impact—associations with depression and chronic stress among Mexican-Americans in Starr County, Texas. *Journal of Immigrant and Minority Health*. [Manuscript in development](#).

Douphrate D, Fethke N, Gimeno D, Hagevoort R, Nonnenmann M, **Rodriguez A**, Schall M, Chen H. (2024). Full-shift direct-measurement of posture and motion among large-herd dairy milkers using inertial measurement units: a comparison of parlor configurations. [Manuscript in development](#).

NON-PEER REVIEWED TRADE PUBLICATIONS

[Removing vaccine access barriers by hosting on-farm vaccine clinics for dairy workers and their families](#). National Center for Farmworker Health, Austin, TX

Rodriguez A. [Why health and safety training for your employees matters](#). Idaho Dairywomen's Association. Idaho Dairy Focus Newsletter. Q2 2022, pages 30 – 31.

Douphrate D and **Rodriguez A**. [Dairy Farming and COVID-19](#). New Mexico Dairy Extension E-Newsletter. April 2020.

Douphrate D and **Rodriguez A**. [What dairy farmers must know about COVID-19](#). *Hoard's Dairyman*. April 10, 2020, page 213.

SCIENTIFIC ABSTRACTS & PRESENTATIONS

Rodriguez A. *The Invisible Workforce: Occupational Health and Well-Being Among Agricultural Workers in Texas*. Epidemiology. St. Edward's University. Austin, TX. November 20, 2024.

Rodriguez A. *The Invisible Workforce: Occupational Health and Well-Being Among Agricultural Workers in Texas*. ESC Migrant Education Program Region 20. Uvalde, TX. November 16, 2024.

Rodriguez A. *Salud Campesina: Vaccinating Agricultural Workers and Their Families in the Rio Grande Valley*. Center for Community Resilience Research Innovation and Advocacy. UT Rio Grande Valley. Edinburg, TX. November 14, 2024.

Rodriguez A. *Tuberculosis Among Dairy Farm Workers in Texas*. Shoe Leather Epidemiology: UT Health School of Public Health. Houston, TX. November 6, 2024.

Rodriguez A. *The Invisible Workforce: Occupational Health and Well-Being Among Dairy Workers in US.* South Korean Department of Agriculture Health and Safety. Texas A&M University School of Public Health. College Station, TX. November 5, 2024.

Rodriguez A. Dairy Worker Health, Safety, and Well-Being. Farmers Assuring Responsible Management (FARM) Workforce Development. October 31, 2024.

Rodriguez, A., Zavala, S. 2024 *Olvidados y descuidados: Lessons learned from on-farm COVID-19 education and vaccine clinics for agricultural workers and their multigenerational families in rural Texas communities.* Occupational Health and Safety. American Public Health Association (APHA), Minneapolis, MN. October 27-30, 2024.

Solis, V., Shay, A., **Rodriguez, A.,** Tsai, J. 2024 *Examination of perceived social support, acculturation, stigma, and barriers to mental health care among migrant farmworkers in South Texas.* Latino Caucus. American Public Health Association (APHA), Minneapolis, MN. October 27-30, 2024.

Pinzon Gomez, C., Maroufy, V., **Rodriguez, A.,** Fernandez-Esquer, ME. 2024 *Hazardous work exposures and risk of serious injury among Latino day laborers in Houston (2014-2021).* Occupational Health and Safety. American Public Health Association (APHA), Minneapolis, MN. October 27-30, 2024.

National Academies of Sciences, Engineering, and Medicine (NASEM) Workshop on Potential Research Priorities to Inform Readiness and Response to Highly Pathogenic Avian Influenza A (H5N1). October 22 – 23, 2024.

Day 1 research priorities for **preventing spillover and spillback** to:

- Discuss the latest scientific evidence on H5N1, including virology, transmission patterns, epidemiology, and pathogenesis, to establish a clear understanding of the knowledge base (Session 2).
- **Rodriguez, A** (Workshop Planning Committee and Moderator). *Explore research priorities for risk mitigation and managing transmission across public health, healthcare, and farm systems* (Session 3).

Day 2 research priorities for **limiting spread and health impacts** in humans and animals to:

- Identify innovative research opportunities that could improve early detection, enhance surveillance systems, and provide timely data to mitigate the spread of H5N1 (Session 6).
- Highlight ongoing efforts and future research needs in the development of vaccines, antiviral treatments, and other countermeasures to protect human and animal populations from H5N1 (Session 7).

Rodriguez A. *The Invisible Workforce: Occupational Health and Well-Being Among Dairy Workers in US.* International Dairy Federation (IDF) World Dairy Summit. Paris, France. October 16, 2024.

Rodriguez A. *Broad Street Lecture: Meet the Agricultural Workers Who Feed Us and the Occupational Health, Safety, and Well-Being Research Serving Them.* Texas A&M University School of Public Health. College Station, TX. September 26, 2024.

Rodriguez A. *Livestock and Food Safety: Agricultural Workers in Texas.* Texas Epidemic Public Health Institute (TEPHI) Summit. Houston, TX. September 25, 2024.

Rodriguez A. *The Invisible Workforce: Occupational Health and Well-being Among Agricultural Workers in Texas.* Maternal and Child Health Symposium. Texas A&M University School of Public Health. McAllen, TX. September 20, 2024.

Rodriguez A. Dairy Worker Health, Safety, and Well-Being. Farmers Assuring Responsible Management (FARM) Workforce Development. September 12, 2024.

Rodriguez A, Pineda Reyes, A. *Semana de Derechos Laborales: Trabajadores Agrícolas.* Consulado de México en McAllen, TX. Secretaria de Relaciones Exteriores (SRE). (*Spanish*). August 27, 2023.

Rodriguez A. 2024 Latino Farmworker Safety and Health Symposium hosted by the Southeast Center for Agricultural Health and Injury Prevention. *The Invisible Workforce: Occupational Health and Well-being Among Agricultural Workers in Texas—Keynote Speaker.* Greensboro, NC. August 5-6, 2024.

Rodriguez A. *Occupational health, safety, and well-being among agricultural workers and their families in Texas.* Everything's Bigger in Texas, Including Opportunities to Advance Health Equity. Society for Epidemiological Research. Austin, TX. June 21, 2024.

Rodriguez A. *Texas One Health: Dairy Farm Workers in the Panhandle.* Texas DSHS One Health Meeting. Austin, TX. June 7, 2024.

Rodriguez A. *The Invisible Workforce: What Have We Learned from Health and Well-Being Initiatives among Agricultural Workers in Texas?* FURR HS Students. Texas A&M University School of Public Health. College Station, TX. May 3, 2024.

Rodriguez A. 2024. *The Invisible Workforce: What Have We Learned from Health and Well-Being Initiatives among Agricultural Workers in Texas?* Plenary Session 4: Food Security. International Symposium on One Health Research: Improving Food Security and Resilience. Galveston, TX. April 21-23, 2024.

Rodriguez A. *What is Occupational Health?* FURR HS Students. Texas A&M University School of Public Health Department of Environmental and Occupational Health. College Station, TX. May 3, 2024.

Rodriguez A. College Assistant Migrant Program (CAMP). Leadership: Embrace and Elevate Our Success. St. Edward's University. Austin, TX. April 3, 2024.

Berumen-Flucker, B., Romero, S., **Rodriguez, A.**, 2023 TSOPHE, "Barriers to Healthcare Services Among Hispanic/Latino Farmworkers in the Rio Grande Valley," Texas Society for Public Health Education (TSOPHE), Austin, TX. October 27, 2023.

Rodriguez A. Occupation as a social determinant of health: Health needs of immigrant agricultural workers in Texas. Saint Edward's University: Undergraduate Epidemiology Course. Austin, TX. October 6, 2023.

Rodriguez A, Pineda Reyes, A. *Semana de Derechos Laborales: Trabajadores Agrícolas.* Consulado de Mexico en McAllen, TX. Secretaria de Relaciones Exteriores (SRE). (*Spanish*). September 1, 2023.

Rodriguez A. Migrant Farmworker Health and Well-being. Migrant Education Program (Region 20): Community Outreach Fair (*English & Spanish-language*). San Antonio, TX. August 5, 2023.

Rodriguez A and Zavala S. Outreach Program Goals and Accomplishments. Southwest Center for Occupational and Environmental Health (SWCOEH) Annual Meeting. Dallas, TX. July 7, 2023.

Rodriguez, A. Pineda Reyes, AL, Zavala S. Mitos y realidades de vacunas (*Spanish*). Vaccine Clinic. Community Health Development. Uvalde, TX. July 5, 2023.

Rodriguez, A. Lived and professional experiences as a Latina in agriculture. U.S. Dairy Consortium hosted by New Mexico State University Dairy Extension Program. Clovis, NM. June 20, 2023.

Rodriguez A. Operational Practices to Maximize Worker Health, Safety, and Wellbeing: Vaccine-Preventable Infectious Diseases in the Workplace. [Society of Human Resource Management \(SHRM\) Rio Grande Valley](#). McAllen, TX. June 28, 2023.

Rodriguez A. [Texas' Fresh Produce Industry Pandemic Response](#). Texas Epidemic Public Health Institute (TEPHI) Talks. Virtual Presentation. June 13, 2023.

Rodriguez A. Improving the Health Status of Your Community. 2023 El Paso Chamber Healthcare Summit. El Paso, TX. June 7, 2023.

Rodriguez A. On-Farm Health Screening Needs of Immigrant Dairy Workers in the Texas Panhandle and South Plains. Stanford PCCM Fellows Presentation: PICU Health Equity Series. Palo Alto, California. Virtual Presentation. May 30, 2023.

Rodriguez A. On-Farm Health Screening Needs of Immigrant Dairy Workers in the Texas Panhandle. 31st Annual Midwest Stream Forum. National Center for Farmworker Health (NCFH). Austin, TX. April 26, 2023.

Lopez S and **Rodriguez A.** Construction worker health and well-being needs assessment. IIMS Community Health Advisory Board (CHAB). San Antonio, TX. April 14, 2023.

Rodriguez A. Inclusion, Equity, Accountability, & Diversity (IDEA) Film Club: 'The Least of These' Public Health Theme: Immigrant Health. San Antonio, TX. December 6, 2023.

Rodriguez A. Occupational Epidemiology and Public Health. Saint Edward's University: Undergraduate Epidemiology Course. Austin, TX. November 18, 2022.

Rodriguez A. Tuberculosis among dairy farm workers. University of Houston-Downtown: Undergraduate Occupational Health & Safety Course. Virtual Presentation. November 15, 2022.

Rodriguez, A. Mitos y realidades de la vacuna contra el coronavirus (*Spanish*). COVID-19 Vaccine Clinic. Caprock Dairy, LLC. Muleshoe, TX. October 7, 2022.

Rodriguez, A. Mitos y realidades de la vacuna contra el coronavirus (*Spanish*). COVID-19 Vaccine Clinic. Texas RioGrande Legal Aid. Weslaco, TX. September 27, 2022.

Rodriguez, A. Mitos y realidades de la vacuna contra el coronavirus (*Spanish*). Medina Community Conversation. Vaccinate Bandera County. Medina, TX. September 6, 2022.

Rodriguez, A. Mitos y realidades de la vacuna contra el coronavirus (*Spanish*). Immunization and Vaccine Forum. Hays County Health Department. Kyle, TX. August 18, 2022.

Rodriguez A., Hagevoort, R., Douphrate, D. An assessment of latent tuberculosis infection and tuberculosis knowledge among U.S. dairy workers. American Dairy Science Association: Production, Management, and the Environment Section. Kansas City, MO. June 19 – 22, 2022.

Rodriguez A. [2022 Immunization Conference](#). Texas Department of State Health Services (DSHS). Vaccine Outreach and Education Community Based Organizations and Their Efforts to Build Resilient Community Partnerships. Virtual Presentation. June 14, 2022.

Rodriguez A. Linking immigrant and migrant experiences with information. Stanford PCCM Fellows Presentation: PICU Health Equity Series. Palo Alto, California. Virtual Presentation. March 1, 2022.

Rodriguez A. Occupational and environmental health outreach during COVID-19. Southwest Center for Occupational and Environmental Health (SWCOEH) Staff Meeting. San Antonio, TX. November 3, 2021.

Rodriguez A. Occupational Epidemiology and Public Health. Saint Edward's University: Undergraduate Epidemiology Course. Austin, TX. October 22, 2021.

Rodriguez A. COVID-19 Vaccine Education (*English & Spanish -languages*). Caterpillar Inc. San Antonio, TX. October 21, 2021.

Rodriguez A. COVID-19 Vaccine Education (*English & Spanish -languages*). Caterpillar Inc. Schertz, TX. October 20, 2021.

Rodriguez A. COVID-19 Vaccine Education (*English & Spanish -languages*). Caterpillar Inc. Seguin, TX. October 19, 2021.

Rodriguez A. Closing Presentation: My Migrant Life and Education. ID&R Forum. Miami, FL. October 15, 2021.

Rodriguez A. COVID-19 Outreach and Research: Working with Growers and Local Health Departments. ID&R Forum. Miami, FL. October 14, 2021.

Rodriguez A. COVID-19 Vaccine Education (*English & Spanish -languages*). Caterpillar Inc. Seguin, TX. October 8, 2021.

Rodriguez A. COVID-19 Vaccine Education (*English & Spanish-languages*). Tyson Foods. Green Forest, AR; Berryville, AR. September 28 – 30, 2021.

Rodriguez A. Occupational Epidemiology and Public Health. Saint Edward's University, Austin, Texas: Undergraduate Epidemiology Course. Virtual Presentation. September 14, 2021.

Rodriguez A. COVID-19 Vaccine Education (*English & Spanish-languages*). Tyson Foods. Broken Bow, OK. August 18, 2021.

Rodriguez A. COVID-19 Vaccine Education (*English, Spanish, & Burmese-languages*). Tyson Foods. Seguin, TX. August 18, 2021.

Rodriguez A. COVID-19 Vaccine Education (*English & Spanish-languages*). Tyson Foods Hatchery and Feed Mill. Gonzalez, TX. August 18, 2021.

Douphrate, D., **Rodriguez, A.** Sustainable forestry management: the role of worker health and safety. 2021 Southwest Forest Products Expo. Hot Springs, AR. August 13, 2021.

Rodriguez A. Needs assessment of Total Worker Health interventions among dairy farm workers in West Texas. 1st Annual Southwest Centers Occupational Health Research Symposium. Virtual Presentation. June 18, 2021.

Rodriguez A. Keynote Speaker. St. Edward's University College Assistant Migrant Program (CAMP) Graduation (*English & Spanish-language*). Virtual Presentation. May 7, 2021.

Rodriguez A. My CAMP Experience. St. Edward's University College Assistant Migrant Program (CAMP) Johnson-Turpin Scholars. Virtual Retreat Presentation. April 23, 2021.

Rodriguez A. Region 20 San Antonio Migrant Education Program (MEP) Career Day. Virtual Presentation. April 17, 2021.

Rodriguez A. Where am I now? St. Edward's University College Assistant Migrant Program (CAMP) Career Day. Virtual Presentation. April 10, 2021.

Rodriguez A. COVID-19 Outreach: Working with Agricultural Producers and Workers. 2021 Annual Conference for the Pennsylvania Migrant Education Program. Virtual Presentation. March 16, 2021.

Rodriguez A. Ambassadors for Leadership Students Key Speaker. Migrant Education Program Region 20. San Antonio, Texas. Virtual Presentation. February 13, 2021.

Rodriguez A. Parent Advisory Committee (PAC) Key Speaker. Migrant Education Program Region 20. San Antonio, Texas. Virtual Presentation. February 9, 2021.

Rodriguez A. Oradora de El Comité Asesor de Padres (*Spanish-language*). Migrant Education Program Region 20. San Antonio, Texas. Virtual Presentation. February 9, 2021.

Rodriguez A. Public Health Ambassadors: Epidemiology a Virtual Field Trip. UTHealth School of Public Health Public Health Camp. San Antonio, Texas. Virtual Presentation. February 3, 2021.

Rodriguez A. Natural Science Living Learning Community to Epidemiologist. Saint Edward's University. Austin, Texas. Virtual Presentation. January 22, 2021.

Rodriguez A. Association for Migrant Educators of Texas. Sesión de Padres Migrantes en Tejas. Virtual Presentation. November 19, 2020.

Rodriguez A. Keynote Presentation Invitation. Migrant Education Program. Brunswick County, North Carolina. Virtual Presentation Video. October 26, 2020.

Rodriguez A. Occupational Epidemiology and Public Health. Saint Edward's University, Austin, Texas: Undergraduate Epidemiology Course. Virtual Presentation. October 23, 2020.

Rodriguez A. COVID-19 outreach—Collaborating with Agricultural Producers and Workers. ESCORT ID&R Forum Session. Virtual Presentation. October 1, 2020.

Rodriguez A. Keynote Presentation Invitation. Association of Migrant Educators of Texas (AMET). San Antonio, Texas. Virtual Presentation Video. September 25, 2020.

Rodriguez A and Tsai, J. Mental health needs among migrant farmworkers in Texas. Region 15, 6, and 4 Migrant Education Programs, San Angelo, Texas. Virtual Presentation. August 8, 2020.

Rodriguez A and Tsai, J. Necesidades de salud mental de Trabajadores agrícolas migrantes en Texas (*Spanish-language*). Region 15, 6, and 4 Migrant Education Programs, San Angelo, Texas. Virtual Presentation. August 8, 2020.

Rodriguez A and Delclos G. Worker Health and Safety: COVID-19 (*Spanish-language*). Worker's Defense. Facebook Live. July 28, 2020.

Rodriguez A. COVID-19 outreach—Collaborating with Agricultural Producers and Workers. ESCORT ID&R Forum Session. Virtual Presentation. June 1, 2020.

Douphrate D and **Rodriguez A.** Tips for working with producers. National Center for Farmworker Health, Buda, Texas. Virtual Presentation. April 15, 2020.

Rodriguez A. Dairy survey results and a Total Worker Health approach for education of TB. 2020 High Plains Dairy Conference, Amarillo, TX, March 3-4, 2020.

Douphrate D and **Rodriguez A.** Logging machine operator's health and safety training. Western Ag Safety and Health Conference: Cultivating Collaborations, Seattle, WA, August 7-9, 2019.

Rodriguez A. Sustainable forestry management: the role of worker health and safety. Arkansas Timber Producer Association Annual Meeting, Hot Springs, AR, August 24, 2019.

Rodriguez A, Hagevoort, R, Leal, D, Pompeii and Douphrate, D. Using mobile technology to increase safety awareness among dairy workers in the US. Raising Safety: North American Agricultural Safety Summit, Scottsdale, AZ, February 21-23, 2018.

INTERNAL AND EXTERNAL PROFESSIONAL SERVICE

2024 – present	National Center for Farmworker Health H5N1 Advisory Council
2024 – present	Texas A&M University School of Public Health Scholarship Committee
2024 – present	Texas A&M University School of Public Health Graduate Committee
2023 – 2024	UTHealth School of Public Health <u>Practice Council</u> (<i>San Antonio Representative</i>).
2023 – 2024	Health Illness Ordinances. Development Services Department. The City of San Antonio. (<i>Occupational Safety, Health, Well-Being Expertise</i>).
2021 – 2024	UTHealth School of Public Health <u>Inclusion, Diversity, Equity and Advocacy (IDEA) Committee</u> — <i>San Antonio Faculty Representative and Lead for:</i> <ul style="list-style-type: none">➤ Dia De Los Muertos Altar, San Antonio, TX. November 2, 2021.➤ Juneteenth Celebration, San Antonio, TX. June 17, 2022.➤ MLK March, San Antonio, TX. January 16, 2023.
2021 – present	St. Edward's University <u>Board of Trustees Member</u> <ul style="list-style-type: none">➤ Executive Committee (2023 – present)➤ Fiduciary Committee (2023 – 2024)➤ Committee on Trustees (2024 – present)➤ Vice-Chair Committee on Academic Experience (2021 – present)➤ College Assistant Migrant Program (CAMP) National Steering Committee (2022 – present)

- Celebrando 2021, Austin, TX. December 10, 2021.
- Provost Search Advisory Committee, August 27, 2021 – March 10, 2022

2021 – 2024	UTHealth School of Public Health <u>Student Association Faculty Mentor</u> (San Antonio Campus)
2021 – present	Texas Farmworker Coalition (<i>Education and Research Working Group</i>)
2020 – 2023	Health Literacy Texas Member
2020 – 2023	Health Literacy Texas Board Member (<i>Secretary</i>)
2020 – 2021	Texas Migrant Education Program Healthcare Access Team
2020 – 2021	Alamo Regional Data Alliance (ARDA) Steering Committee (<i>Research and Journalism Group</i>)
2020 – 2021	Texas Panhandle Immediate Response Team (COVID-19)
2020 – 2021	Eastern Stream Center on Resources and Training

EDITORIAL REVIEW PANEL

2023 – present	Journal of Agromedicine
2022 – present	Annals of Epidemiology
2020 – present	Workplace Health and Safety Journal

PEER-REVIEW PANEL

2021 – 2023	Journal of Pediatric Nursing
2021 – 2023	Journal of Occupational and Environmental Medicine
2020 – 2023	American Journal of Orthopsychiatry (<i>co-reviewer</i>)
2020 – present	Journal of Immigrant and Minority Health
2019 – present	US Ag Centers YouTube Channel (<i>Spanish-language videos</i>)

GRANTS REVIEWS

2021 – present	Southwest Center for Agricultural Health, Injury Prevention and Education (SW Ag Center), Pilot Project Research Program, Tyler, TX
2019 – present	Southwest Center for Occupational and Environmental Health (SWCOEH), Pilot Project Research Training Program, Houston, TX

CONFERENCE ORGANIZER

2023 – 2024	International Symposium on One Health Research: Improving Food Security and Resilience - Galveston, Texas (<i>April 21-23, 2024</i>)
2022 – 2024	Texas Public Health Summit 2023 Texas Epidemic Public Health Institute (TEPHI), Houston, Texas (October 19, 2023)
2020 – 2022	Texas Health Literacy Virtual Conference (<i>Annually held in June</i>)
2020 – 2021	ARDA SPARK, San Antonio, TX (<i>April 16, 2021</i>)

MEDIA & RELATED ARTICLES

[72 Dragons Health](#). **Dr. Anabel Rodriguez** and Osman Galindo shed light on their impactful public health initiatives, highlighting their efforts to support agricultural workers in Texas. From spreading awareness regarding vaccine to multimedia storytelling, their collaboration underscores the power of community-wide partnerships and interdisciplinary approaches in addressing vital health challenges. February 29, 2024.

[Radio Jornalero](#) (Spanish). Programa “La Salud de la comunidad” tema “Golpe de calor” con el Doctor Osvaldo Lopez. August 4, 2023.

Univision Radio (Spanish). UTHHealth Houston School of Public Health. March 15, 2023.

[Protecting Outdoor Workers in Record-Setting Summer Heat](#). UTHHealth Houston School of Public Health. Written by: Venus Islas. July 18, 2023.

[Texas Migrant Farmworkers Benefit from Occupational Health and One Health Approaches in Improving Their Health Care](#). UTMB One Health News Stories. Written by: Garrett Coleman.

[Study shows U.S. migrant farmworkers are more likely to respond to traditional research survey collection methods](#). UTHHealth Houston School of Public Health. Written by: Jennifer Norris. March 9, 2023.

[Full-Circle Journey Back to Agricultural Roots](#). United States Department of Agriculture (USDA) Science. Posted by: USDA Research, Education, and Economics Communications Team. Posted: September 19, 2022.

[NAOSH Week & the SWCOEH—Outreach](#). UTHHealth SPH SWCOEH News. Written by: Matt Pedersen. Updated: May 4, 2022.

[Southwest Center faculty hit the road to educate workers on COVID vaccine](#). UTHHealth SPH SWCOEH News. Written by: Matt Pedersen. Updated: January 13, 2022.

UTHHealth School of Public Health [Facebook](#). July 12, 2021.

[UTHHealth School of Public Health researchers lend a helping hand to vaccinate agricultural workers in Texas](#). UTHHealth News. Written by: Kori Gould. Updated: July 1, 2021.

[Tuberculosis is a Rising Concern in U.S. Cattle Herds](#). Dairy Herd Management. Written by: Maureen Hanson. Published: June 7, 2021.

Southwest Center for Occupational and Environmental Health (SWCOEH) [Alumni Stories](#): Anabel Rodriguez, PhD, MPH. UTHHealth SPH SWCOEH News. Published: February 4, 2021.

[UTHHealth: Alumna Receives Health Literacy Award](#). Association of Schools & Programs of Public Health (ASPPH) Student & Alumni Achievements. Published: February 10, 2020.

[Alumna keeping dairy workers safe through health literacy](#). UTHHealth News. Written by: Anissa Orr. Update: November 21, 2019.

COMMUNITY SERVICE

January 20, 2025 Still Creek Ranch. College Station, TX.

October 9, 2021	CPR + First Aid Training Facilitation. Aurora Organic Dairy—Pepper. Dublin, TX. Trainor: Bryan Morris.
October 2020	Cloth masks and gloves (PPE) donations for West Texas and Eastern New Mexico dairy farms: National Center for Farmworker Health in Buda, Texas.
August 2020	Farmworker clothes donations for West Texas farmworker: Texas Rio Grande Legal Aid, Mercedes, Texas.
March 2020	Hand sanitizer donations for West Texas dairy farms: Rebecca Creek Distillery and Alamo Distilling Co. in San Antonio, Texas.
May 2019	Bites and Stings booklets for West Texas dairy farms: Southwest Center for Agricultural Health, Injury Prevention and Education, Tyler, Texas.
January 2020	South Alamo Regional Alliance for Homeless (SARAH) Point-In-Time (PIT) Homeless Count, San Antonio, Texas.

STUDENT ADVISING

University of Texas Health Science Center at Houston School of Public Health

MPH Epidemiology

Year	Student	Integrative Learning Experience	Role
2020-2022	Michelle Hernandez	Capstone	Advisor
<i>Deferred</i>	Marilyn Schulze	Capstone	Advisor
2022-2024	Marla Gutierrez	Capstone	Advisor
2022-2024	Shanina King	TBD	Advisor
2022-2024	Kara N. Zwart	TBD	Advisor
2022-2024	Andrea V. Cabrera Cruz	Capstone	Advisor
<i>Deferred</i>	Alizabeth Lyn Maw	TBD	Advisor
2023	Susana Zavala	Capstone	Advisor
2023	Brian Ukaegbu	TBD	Advisor
2023	Katy Casique Cervantes	TBD	Advisor
2023	Natalia Ramon	TBD	Advisor
2023	Nicholas McCann	Capstone	Advisor

MPH Environmental Health

Year	Student	Integrative Learning Experience	Role
2022-2024	Alexandra Camacho	Capstone	Advisor
2022-2024	Adrian Ramos Garcia	Capstone	Advisor
2023	Mohamed Elfadl	TBD	Advisor

MPH Customized

Year	Student	Integrative Learning Experience	Role
2022-2024	Martika Batistamartin	TBD	Advisor
2022-2024	Victoria F. Adewole	TBD	Advisor

DrPH Environmental and Occupational Health

Year	Student	Dissertation	Role
2023	Gretchen Rodriguez	Proposal Defense	Advisor
2023	Jo Ann Monroy	Proposal Defense	Advisor

Doctoral Dissertations

Year	Student	Topic	Role
2021	Jennifer Cwikla	<i>Evaluation of morbidity and mortality in military working dogs</i>	External Reviewer
2021	Kyle Kozlovsky	<i>Hospital readmissions in patients with diabetes at an urban teaching hospital in a city with a Hispanic majority</i>	External Reviewer
2021	Trevor Maness	<i>Distribution and determinants of spotted fever Rickettsiosis in Missouri from 2009 to 2016</i>	External Reviewer

2021	Wendy McCoy	<i>Implementation of practices to create a positive laboratory safety culture at U.S. institutions of higher education: a survey study</i>	External Reviewer
2022	Lynne P. Heilbrun	<i>Preliminary characterization of the tooth exposome in children with and without autism</i>	Committee Member
2022	Whitney Harrison	<i>Firefighting and cancer in Texas: Availability and usability of Texas cancer registry data for proportionate incidence studies</i>	External Reviewer
2022	Gretchen Rodriguez	<i>Understanding the availability, codability and usability of occupational data to conduct epidemiological studies from COVID-19 cases reported in Texas, 2020-2021</i>	Committee Member
2023	Jo Ann Monroy	<i>COVID-19 adverse health outcomes among essential workers in Harris County, Texas</i>	Committee Member

Master's Thesis

Year	Student	Topic	Role
2019- 2023	Sofia N. Lopez	<i>Healthcare needs and feasibility of on-site services among construction workers in South Texas</i>	Committee Member
2020-2022	Victoria Solis	<i>Mental health needs of migrant farmworkers in Texas</i>	Committee Member

Practicum

Year	Student	Topic	Role
FA 2022	Melissa E. Rodriguez	<i>Prevalence of injuries among King Ranch, Inc. workers employed between 2017 and 2021 on Texas facilities</i>	Faculty Advisor
SU 2023	Marla Gutierrez	<i>Long-Term Sequelae of SARS-COV-2 Infection: Diabetes Mellitus</i>	Faculty Advisor
SU 2023	Marylin Schulze	<i>The role of state policy in promoting healthy relationships among adolescents in the United States using YRBS data</i>	Faculty Advisor
SU 2023	Alexandra Camacho	<i>What did we learn from on-farm COVID-19 education and vaccine clinics for agricultural worker and their families?</i>	Faculty Advisor
FA 2023	Andrea Cabrera Cruz	<i>International HELP – Assessment and Trainings in Uganda and Zimbabwe</i>	Faculty Advisor

STUDENT ASSOCIATION

University of Texas Health Science Center at Houston School of Public Health

October 18, 2021 Halloween Door Decoration (2nd Place Award)