

Melissa Nuñez, MPH

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EDUCATION:

May 2013
Master of Public Health in Epidemiology
Texas A&M University System Health Science Center
School of Public Health GPA: 4.0, Honors
Epidemiology and Biostatistics Departmental Award
College Station, TX

May 2011
Bachelor of Science in Biology
University of Texas at San Antonio
College of Sciences GPA: 3.0
San Antonio, TX

PROFESSIONAL DEVELOPMENT:

- 2015-2017 Consultant
South Alamo Medical Group Clinics, San Antonio, TX
- Implemented and lead projects for South Alamo Medical Group to NCQA Patient Centered Medical Home (PCMH) Recognition (2017-2020) for systematic use of patient-centered, coordinated care management processes
- 2013- 2015 Health Informatics Manager
South Alamo Medical Group Clinics, San Antonio, TX
Supervisor- Dr. Miguel Ayala
- Managed the Health Information Department in maintaining and monitoring health outcome, process, and government implemented measures
 - Implemented internal policies and procedures to improve quality data, monthly
 - Implemented and lead projects for South Alamo Medical Group to NCQA Patient Centered Medical Home (PCMH) Recognition (2014-2017) for systematic use of patient-centered, coordinated care management processes
 - Reported government implemented data to government and national programs, such as Centers for Medicare and Medicaid Services and Bridges to Excellence, which promote continuous quality improvement
 - Performed government audits of health information data and chart audits for quality checks
 - Monitored and supervised clinical data of South Alamo Medical Group, insurance partners (i.e BCBS, WLM, Humana) and of government programs (i.e. Meaningful Use, PQRS).
 - Served on the Economics committee and Directors committee
- 2012 Graduate Teaching Assistant-Biostatistics I
Department of Epidemiology and Biostatistics, Texas A&M HSC, College Station, TX
Supervisor- Dr. Dennis Gorman
- Assisted the instructor with students' grades and completed required grade-related paperwork
 - Notified the instructor of errors or problems with assignments and grade work
 - Ordered and obtained teaching materials needed for classes
 - Scheduled and maintained regular office hours to meet with students
- 2008 Consumer Safety Office Trainee-Intern
Hispanic Associations of Colleges and Universities (HACU)
U.S. Food and Drug Administration, Dallas District, TX
- Assisted in conducting inspections of commercial food products/biological products
 - Contributed in high priority investigations of the *Salmonella* St. Paul Outbreak (tomatoes, peppers, & cilantro) that involved over 1,000 individuals, issue gained national media attention
 - Served as a Spanish translator to investigate the outbreak within distribution centers
 - Conducted Class I product recall audits for food and medical devices
 - Received complaint reports which involved product quality, injury/illness and physical hazards
 - Assisted in sample collections of products that are regulated by the Food and Drug Administration (FDA), they included food products and prescription drugs
 - Helped in the preparation of inspections and investigational reports, made certain these reports were concise, factual, and were sequenced with the rules set by the FDA
- 2007-2011 Instrument Technician
University Health System, San Antonio, TX
Part of the surgical team in the Operation Room
- Sterilized, processed, and distributed instruments to ensure quality and patient safety.
 - Prepared and placed instruments into specialty operations in cardiology, orthopedics, transplants, etc.
 - Assisted in training new employees
 - Operated equipment such as: washers, ultrasonic, steam, gas, Eto sterilizer and gas plasma sterilizer

- Responsible to keep up-to-date with sterilization monitoring, record keeping, and quality assurance protocols
- Translator (in Spanish) for medical doctors, residents, and nurses when needed

RESEARCH EXPERIENCE:

- 2017-present Research Assistant
Emergency Medicine Department
- Responsible of data collection, analyze data and results
 - Proficient with computer software, Excel and STATA/IC12
- 2013 Intern
TATA Institute of Social Sciences V. N. Purav Marg, Deonar Mumbai, 400 088 Maharashtra, India
Project Coordinator- Dr. Amit Bhondve
- Assisted in a Cross-Sectional Study: Coverage of Immunization and associated factors in a slum community in Mumbai, India to (1) assess immunization coverage, and (2) determine the factors associated with immunization rates
 - Responsible of data collection, data entry and analyze data and results.
 - Proficient in data entry with computer software, Excel and STATA/IC12
- 2012 Research Assistant
Department of Health and Kinesiology, Texas A&M University, College Station, TX
Supervisor- Dr. Ranjita Misra
- Assisted in a bi-national (cross-sectional) study to (1) assess health literacy, and (2) determine the association between health literacy, English or Spanish language proficiency, diabetes self-management behaviors, and outcome (blood glucose and blood pressure) among acculturated and unacculturated Mexican Americans in Texas and Mexicans in Mexico
 - Responsible as a Project Coordinator of two sites for the bi-national study (College Station, TX and San Antonio, TX)
 - Interviewed participants in English or Spanish through a standardized survey for the bi-national study
 - Proficient in data entry using computer software, IBM SPSS
- 2010-2011 Research Assistant/Technician
Microbiology Laboratory, University of Texas at San Antonio, TX
Supervisor- Dr. Floyd Wormley, JR.
- Responsible for assisting researchers with laboratory experiments
 - Homogenizing tissue samples from mice infected with *C. neoformans*
 - Plated tissue homogenates to determine fungal burden
 - Analyzed data from cytokine analysis, flow cytometry, and fungal burden quantification

COMMUNITY AND CAMPUS INVOLMENT

- 2017- present Society for Advancement of Chicanos/Hispanics and Native Americans in Science (SACNAS), Student Member
- 2017- present Graduate Student Association, UT Health San Antonio, Student Member
- 2017 John Jay Science Academy Science Fair Judge, San Antonio, TX
- 2011- 2013 Hispanic/Latino Graduate Student Association (HLGSA), Texas A&M University
Vice-President; Public Relations/Webmaster Officer

ACADEMIC HONORS AND AWARDS

- 2017-2018 TPE Grant Biomedical (\$2000)
- 2017 Steunebrink Scholarship (\$1000)
- 2013 Epidemiology and Biostatistics Departmental Award
- 2013 Department of Health and Human Services Grant (\$500)
- 2013 International Education Scholarship (\$1000)
- 2013 L.T. Jordan Institute Fellows Program (\$2000)
- 2011-2013 Texas Public Education Grant (\$500 first year; \$2000 second year)
- 2011-2012 HB 3015 – Tuition Grant (\$2000)
- 2011-2012 SRPH Scholarship for Disadvantaged Students (\$889)
- 2009-2011 University of Texas at San Antonio Grant, 2010-2011, (\$1,500 first year; \$3500 second year)
- 2007-2009 Pell Grant 2008-2009, (\$1960 first year; \$1281second year)
- 2007-2008 TPEG Grant, (\$1000)
- Summer 2010 Honor roll, University of Texas at San Antonio
- Fall 2010 Dean’s List, University of Texas at San Antonio

ADDITIONAL RESEARCH AND TECHNICAL TRAINING

- Microsoft Office Proficiency: Word, Excel, and Access
- Bilingual: English & Spanish

OUTREACH/LEADERSHIP

- Graduate Student Association (GSA), UT Health San Antonio: As a student member, I am involved in supporting and attending monthly volunteer events such as Science Expo 2017 for high school students in Texas, bake sales, and Science Fiesta 2018.
- Science Fiesta 2018 Coordinator, GSA, UT Health San Antonio: I am currently leading the role as the 'Local School Liaison' for Science Fiesta event on April 21, 2018. The primary focus is the outreach to the student populations that are in schools, ranging from elementary to college to get them exposed to and teach about science.
- Society for Advancement of Chicanos/Hispanics and Native Americans in Science (SACNAS) UT Health San Antonio Chapter: As a student member, I am involved in supporting with monthly events and volunteering as a Science Fair Judge in San Antonio, Texas.