**Curriculum Vitae**

**Maria Alvarez Amaya, PhD, WHNP-BC, FAANP**

 The University of Texas at El Paso

School of Nursing

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500 West University Ave

El Paso, TX 79968

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 **Education**

**Name of institution Degree type and Major Date earned**

**City, State**

New Mexico State University PhD, Educ. Mgmt. & Dev. 1986

Las Cruces, NM Minor: Experimental Stat.

 Lang: Computer Science

Dissertation: Factors Assoc. with Breast/Cervical Cancer Screening Hispanic Women

Texas Woman’s University MSN, Maternal-Child Health 1978

Denton, TX Minor: Nursing Education

Thesis: Knowledge, Attitudes, and Compliance Diabetic Adolescents

University of Texas at El Paso BSN 1976

El Paso, TX

**Post-Doctoral Certificates**

Johns Hopkins University Geographic Information Systems 2012

 Zanvyl Krieger School of

Arts & Sciences

University of Texas Basic Colposcopy 2004

Southwestern Medical School

Dallas TX

University of Texas Women’s Health Care 1994

Southwestern Medical School Advanced Nurse Practitioner

Dallas, TX Program

**Academic Experience**

Name of Institution Academic Rank/Tenure/Position Dates

City, State

UTEP Interim Director Nursing Research 2019-present

El Paso, TX

UTEP Professor 1999-present

El Paso, TX

UTEP DNP Faculty 2012-15

El Paso, TX

UTEP Faculty, PhD Environmental 2003-present

 El Paso, TX Science & Engr.

 UTHSC Adjunct Doctoral Faculty 2003-08

Houston, TX 2011-13

TTUHSC Adjunct Faculty, UMC 1999-2004

Lubbock, TX

UTEP Program Co-Director 1992-96

 El Paso, TX WHCNP Program

UTEP Associate Prof./tenured 1992-1999

El Paso, TX Graduate/Undergraduate

 Program

UTEP Program Director 1996-2002

 El Paso, TX WHCNP Program &

 Post-Masters Certificate

UTEP Program Director 1999-2001

 El Paso, TX Adult Health Nurse Practitioner,

 Post-Master’s Certificate

 UTEP Program Director, 1996-99

 El Paso, TX Parent-Child Nursing Major

UTEP Assistant Professor 1986-96

 El Paso, TX Undergraduate Childbearing Course Coordinator

UTEP Instructor 1979-84

El Paso, TX Undergraduate Nursing Program

**Non-Academic Experience**

**Name of Institution Position (job title) Dates**

**City, State**

UTEP APRN, Student Health Center 2005-2013

El Paso, TX

UTEP APRN, Kellogg Community 1995-2004

El Paso, TX Community Partnership Clinic

County Health Dept. APRN, Prenatal Clinics 1995

El Paso, TX

Centro Medico del Valle APRN, OB/GYN Clinic 1994

El Paso, TX

Vista Hills Medical Center Staff Nurse, Newborn Nursery 1992-93

El Paso, TX

University Medical Center Staff Nurse, NICU 1979-87

Hotel Dieu Med. Ctr. Staff/Charge Nurse 1979-87

 **Licensure/Nursing Certifications**

Registered Nurse, State of Texas, Active 1977

Advanced Practice Nurse, State of Texas, Active 1994

NCC Certified Women’s Health Care Nurse Practitioner, Active 1994

ASCCP Certified Nurse Colposcopist 2002-2014

**Honors and Awards**

**Award Received Date**

Graduate School Faculty May 14, 2022

Marshall of Students

University Grand Marshall Dec 16, 2017

UTEP Commencement Ceremony

UT System Faculty Star Award 2007 & 2008

Fellow, AANP Inducted 2011

UTEP Faculty Distinguished

Achievement Award for Research 2007

C.W. “Wake” & Betty Ruth Wakefield Endowed 2000-2014

Professor of Health Sciences

Philippine Nurses Association 2006

El Paso Chapter

Nurse Researcher of the Year

University of Maryland, Environmental 2001

Health Nursing Award

Hispanic Association of Colleges & Universities 2000

Fellow

NINR Advanced Quantitative Methodology 1992

Institute, Fellow

Sigma Theta Tau International Honor Society Inducted 1988

of Nursing, Delta Kappa Chapter

Texas Woman’s University, 1977-78

Mary Gibbs Jones Scholar

**Professional Associations**

**Organization Dates Office/position held**

National Association of Hispanic 2022-present Member

Nurses

National Environmental Health 2019-2020 Member

Association

American Association of Nurse 2011-present Fellow

Practitioners (AANP)

Texas Nurse Practitioners 2015-present Member

Sigma Theta Tau International Honor 1988-present Member, Delta

 Kappa Chapter, VP

 2017-19

American Geophysical Union 2005-16 Member

 2019-2021

Nurse Practitioners in Women’s 1999-2014 Member

Health (NPWH)

American Society for Colposcopy 2002-2014 Member

& Cervical Pathology (ASCCP)

American Chemical Society 2004- 2013 Member

American Nurses Association 2008-2010 Member

Texas Nurses Association 2008-2010 Member

Paso del Norte Environmental 2001-2004 Founding

Health Coalition Member

Farm Worker Justice Fund 2001 Advisory

Clean Env. For Healthy Kids Committee

Children’s Env. Health Network 2000 Member

University of Maryland School 1998-2001 Advisory

Of Nursing National Advisory Committee

Committee on Faculty Development

NONPF 1998-2001 Member

Cancer Consortium of El Paso 1997-1999 Executive

 Board

CCNE Standards Committee 1997-1998 Member

UT Southwestern Medical Center 1997-2000 Member

WHCNP Advisory Committee

El Paso City-County Health 1993-1994 Founding Member

The Lead Task Force

National Cancer Institute 1992-1995 Member

Hispanic Cancer Control

Research Network

American Cancer Society 1980-96 Professional

 Volunteer

UTEP League of Academic Women 1986-1995 Member

 UTEP Mother-Daughter Program 1986-93 Mentor

Comprehensive Regional Center for 1993-1994 Mentor

Minorities, Project Lift-Off

Unite El Paso Community 1993-1994 Member

Action Committee

**Publications**

**Peer Reviewed**

Dominguez de Quezada C, Alfred D, Hermanns M, Vardaman SA, Greer D, Amaya M.

(2022, August). Language Proficiency and Academic Success of Bilingual Hispanic Nursing Students along the US-Mexico Border. Journal of the American Nurses Association – New York. <https://doi.org/10.47988/janany.4441588158643655.2.2>

Hoyt, J, **Amaya MA,** Alvarez A, Vazquez A, Martinez B, Pingitore NE (2021). Hot Sun, Cool Albedo: Roof Colors in Tucson, Arizona U.S.A. Smart Cities (Submitted).

Negrón LM, Piranian M, **Amaya MA**, Gorski D, Pingitore NE (2020) ArcGIS™ and Principal Component Analysis of Probe Data to Micro-map Minerals in Round Top Rare Earth Deposit. **Advances in Materials Physics and Chemistry**, Special Issue: Rare Earth Materials (*in press*).

Negrón LM, Piranian M, **Amaya MA**, Gorski D,Pingitore NE (2020) ArcGIS™ Proximity and Cluster Analysis of Electron Probe Micro-maps of Round Top Critical Mineral Deposit. **Advances in Materials Physics and Chemistry**, Special Issue: Rare Earth Materials (*in press*).

Fumador, EA, **Amaya, MA**, Brunner, B, Clague, JW, Li, W-W, Olvera, HA, Berwick, M, Burchiel, SW, Pingitore, NE. (2019). Cerium Levels in Course & Fine Airborne Particulate Matter in El Paso, TX, USA*. J Atmospheric Pollution* 7(1): 1-13. DOI:10.12691/jap-7-1-1

Kao, H. F., & **Amaya, M. A**. (2019). A model for understanding Hispanic/Latino family caregiving for older adults. *OBM Geriatrics, 3*(3), 7. doi:10.21926/obm.geriatr.1903065.

Kao, H-F, Pace, T, Amaya, MA. (2018). Caregiving stress is a risk factor for CHD among middle-aged and older femaile long-term caregivers. Health Prim Care 2(5): 1-2. DOI:10.15761/HPC.1000153

### Paz L.M., Amaya M.A., Clague J.W., Li W-W, Olvera H.A., Berwick M., Burchiel.W., Pingitore N.E. Airborne Lead in El Paso, Texas, USA. (2017). J*ournal of Atmospheric Pollution*, 5(2), 47-54. DOI: 10.12691/jap-5-2-2 Published online: August 12, 2017

Kao, H-F, Woods, DL, Ye, M, Chen L., **Amaya, MA**, Lin, S.. (2017) Systematic Review of Mexican American Elders with Type-2 Diabetes under Family Care of Medication Administration in Borderland. ***Journal of Ageing Research and Healthcare,*** 1(3):24-36 **DOI** [10.14302/issn.2474-7785.jarh-16-1350](http://dx.doi.org/10.14302/issn.2474-7785.jarh-16-1350)

**Amaya MA**, Mohammed MT, Pingitore NE, Aldouri R, Benedict B. (2016). Community Exposure to Nighttime Heat in a Desert Urban Setting, El Paso, Texas. *International Journal of Advanced Remote Sensing and GIS*, 5(2) 1507-1513, Article ID Tech-560.

Olvera HA, Perez D, Clague JW, Cheng YS, Li W-W, **Amaya M**, Burchiel SW, Berwick M, Pingitore N. (2012). The effect of ventilation, age, and asthmatic condition on ultrafine particle deposition in children. *Pulmonary Medicine*. doi:10.1155/2012/736290

Gonzales, M., L, S., Olvera, H. A., Mukerjee, S., Li, W.-W., Pingitore, N. E., **Amaya, M**. A., Burchiel, S., Berwick, M., (2012). Evaluation of land use regression models for NO2 in El Paso, Texas, USA. *Science of the Total Environment, 432*, 135-142.

Olvera, H., Garcia, M., Li, W.-W., Yang, H., **Amaya, M. A**., Myers, O., Burchiel, S. W., Berwick, M., Pingitore, N. E.. (2012). PCA optimization of PM2.5 land use regression model with small monitoring network. *Science of the Total Environment,* (425), 27-34. .

Lapeyrouse, LM, Morera, O., Heyman, J. McC., **Amaya, M.A**., Pingitore, NE, Balcazar, H. (2011). A Profile of US-Mexico Border Mobility Among a Stratified Random Sample of Hispanics Living in the El Paso-Juarez Area. *Journal of Immigrant and Minority Health.*  DOI: 10.1007/s10903-011-9453-x

## Amaya, M., Jolly, K., Pingitore, N.E. (2010). Blood lead in the 21st Century: The submicrogram challenge. Journal of Blood Medicine, (1) 71-78. doi:10.2147/JBM.S7765

Lauer, F.T., Mitchell, L.A., Bedrick, E., McDonald, J.D., Lee, W-Y, Li, W-W, Olvera, H., **Amaya, M.,** Berwick, M., Gonzales, Currey, R., Pingitore, N., Burchiel, S.W. (2009). Temporal-Spatial Analysis of U.S.-Mexico Border Environmental Fine and Coarse PM Air Sample Extract in Human Bronchial Epithelial Cells. *Toxicology and Applied Pharmacology* 238(1):1-10. doi:10.1016/j.taap.2009.04.021

Pingitore, N.E., Clague, J.W., **Amaya, M.A**., Maciejewska, B., Reynoso, J.J. (2009). Urban Airborne Lead: X-ray Absorption Spectroscopy Establishes Soil as Dominant Source. *PLoS One* 4(4). e5019.doi:10.1371/journal.pone.0005019

**Amaya, M.A.** (2003). Cross-cultural issues on the Mexican-U.S. Border. *Hispanic Health Care International* 2 (1): 39-43.

**Amaya, M.A.**, Ackall, G., Pingitore, N., Quiroga, M., & Terrazas-Ponce, B. (1997). Lead poisoning in a U.S.-Mexico Border Community: Case study in environmental health nursing. *Public Health Nursing*, 14 (6):353-360.

**Amaya, M.A**. & Ackall, G. (1996, 3rd. Quarter). Environment: Perinatal lead exposure. *Sigma Theta Tau International Reflections*, 22 (3): 18-19. (non-refereed)

Tinkle, M.B. & **Amaya, M.A**. (1993). Nursing research and public policy: Parental Leave. *Journal of Obstetric, Gynecologic & Neonatal Nursing*, 22(5): 405-409.

Tinkle, M.B. & **Amaya, M.A**., & Tamayo, O.W. (1991). HIV and pregnancy part 1: Epidemiology, pathogenesis, and natural History. *Journal of Obstetric, Gynecologic & Neonatal Nursing*, 21(2): 86-93.

Acosta, Y., Goodwin, C., **Amaya, M.A**., Tinkle, M.B., Mendoza, E., & Jaquez, I. (1991). HIV and pregnancy part 2: Antepartum and Intrapartum Care. *Journal of Obstetric, Gynecologic & Neonatal Nursing*, 21(2): 97-103.

Bastin, N., Tamayo, O.W., Tinkle, M.B., **Amaya, M.A**., Trejo, L.R., & Herrera, C. (1992). HIV and pregnancy part 3. Postpartum Care of The HIV-Positive Woman and Her Newborn. *Journal of Obstetric, Gynecologic & Neonatal Nursing*, 21(2): 105-111.

**Amaya, M.A**.(1991). Official English Amendment: A nurse's commentary. *Nursing Forum*, 26(3): 24-27.

Gardner, M., **Amaya, M.A**., & Sakakini, J. (1990). Effects of Prenatal Care on Twin Gestations. *Journal of Reproductive Medicine,* 35(5): 519-521.

**Amaya, M.A.** (1989). Determinants of breast and cervical cancer screening behavior among Mexican-American women. *Border Health*, 5(3): 22-27. (non-refereed)

**Alvarez (Amaya), M**. (1985). Health conditions of Mexican women immigrants--A review of the literature. *Border Health*, 1(3,4): 48-52. (non-refereed)

**Monographs**

Pingitore, N.E., Espino, T.T., Barnes, B.E., Gardea-Torresdey, Clague, J.W., Mackay, W.P.,  **Amaya, M.A.**, Reynoso, J.J., Li, W.-W., Currey, R.M., Moss, R.D., Delgado, M., Juarez, P., Bader, J., Zevallos, J.C., and Herrera, I. (2005). Toxic Metals in the Air and Soil of the Paso del Norte Region. in. R.M. Currey, K.E. Kelley, H.L.C. Meuzelaar, & A.F. Serafim, A.F.(Eds.), *The U.S.–Mexican Border Environment: Integrated Approach to Defining Particulate Matter Issues in the Paso del Norte Region*, SCERP Monograph Series, no. 12, (Chapter V, p. 131-136). El Paso, TX: SCERP.

Pingitore, N.E., Clague, J., Delgado, M., Gardea-Torresdey, J., **Amaya, M.A**., Juarez, P., Bader, J., Zevallos, J.C., and Herrera, I. (2005). Lead in El Paso Soil. In R.M. Currey, K.E. Kelley, H.L.C. Meuzelaar, and A.F. Serafim (Eds.), *The U.S.–Mexican Border Environment: Integrated Approach to Defining Particulate Matter Issues in the Paso del Norte Region,* SCERP Monograph Series, no. 12, , (Chapter V, Section 5, p. 161-171). El Paso, TX: SCERP

 **Book Chapters**

 Pingitore N, **Amaya M,** Clague J, Edmonds V (2017) **The Geography of Disease Seasonality in Texas: A Fourier Transform Approach***. Progress in Medical Geology*, Cambridge Scholars Press, Newcastle upon Tyne, pp. 74-90

**Amaya, M.A.** (2003). Health Issues on the U.S.-Mexico Border, in Brenner, C.T., Coronado, I., & Soden, D.L. (Eds.) Digame! Politics and Policy on the Texas Border, 1st ed. (pp. 259-274). Dubuque, IA: Kendall Hunt Publishing Co.

**Amaya, M.A**. (2003) Environmental Health & Culture, in Sattler, B., & Lipscomb, J., (Eds.) Environmental Health & Nursing Practice. (pp. 275-283). NY: Springer.

 **Amaya, M.A**. (2003). Women’s Environmental Health in Lucas, V. & Breslin, E. (Eds.) Women’s Health Nursing: Toward Evidence-Based Practice. (pp. 84-96). St. Louis, MO: W.B. Saunders.

 **Amaya, M.A**. (2001). The Neuman Systems Model & Clinical Practice: An Integrative Review, in Neuman, B., & Fawcett, J., (Eds.). The Neuman System’s Model, 4th ed. (pp. 43-60). Upper Saddle River, NJ. Prentice-Hall.

**Published Abstracts**

2021 Alvarez A, Armendariz J, Oliveros C, Alvarez de Toledo Aguilar, Martinez B, Vazquez A, Hoyt J, **Amaya MA,** Pingitore NE. Residential Roof Albedos and Land Surface Temperatures in El Paso-Juarez: A Cross-Border Contrast. Abstract GH15C-0616. American Geophysical Union, Fall Meeting, 13-17 Dec

2020 Martinez B, Hoyt J, Alvarez A, Vazquez A, Hernandez R, Marruffo A, Sanchez R, **Amaya MA**, Pingitore NE. Sister Cities, Separate Styles: Residential Roof Albedos in San Diego USA and Tijuana, Mexico. Abstract GH004-0005. American Geophysical Union, Fall Meeting, 7-11 Dec.

2020 Alvarez A, Martinez B, Vazquez A, Hoyt J, Hernandez R, Sanchez R, Marruffo A, **Amaya MA**, Pingitore NE. Cross-border Contrast in Roof Albedos: Cd. Juarez, Chihuahua vs. El Paso, Texas, Abstract GH005-01. American Geophysical Union, Fall Meeting, 7-11 Dec.

2020 Hoyt J, Martinez B, Alvarez A, Hernandez R, Marruffo A, Sanchez R, Vazquez A, Amaya MA, Pingitore NE. Residential Roof Albedos in Tucson, Arizona: A Model for the Southwest. Abstract GH004-003. AGU Fall Meeting, 7-11 Dec.

2020 Vazquez A, Alvarez A, Martinez B, Hoyt J, Marruffo A, Sanchez R, Hernandez R, Amaya MA, Pingitore NE. Residential Roof Albedos in Albuquerque, New Mexico: Not Adapted for Global Warming? Abstract GH004-0004. AGU Fall Meeting, 7-11 Dec.

2019 Alvarez, A., Clarissa, R., Mercado, E., **Amaya, M. A.,** Pingitore, N. E., American Geophysical Union, Annual Fall Meeting, Cross-border Contrast in Roof Albedos: Cd. Juárez, Mexico vs. El Paso, USA, Abstract GH31B-1162 AGU, San Francisco. (December 10, 2019).

2016 **Amaya MA**, Ziwu E, Clague JW, Pingitore NE. Cerium Levels in Fine and Coarse Airborne Particulate Matter in El Paso, Texas—A Geospatial and Temporal Investigation. **Abstract** #B51A-0379, American Geophysical Union, Fall Meeting.

2015 **Amaya M**, Grimida S, Elkekli A, Aldouri R, Benedict B, Pingitore N. Geospatial Mapping of Pb, Cr, Cu, Zn, Cd, and Sb in Urban Soil, Cd. Juarez, Chihuahua, Mexico. American Geophysical Union, Fall Meeting, San Francisco, Abstract GC51G-1170.

1. Pingitore N, Piranian M, **Amaya M**, Negron L, Gorski D. Micro-distribution of heavy rare earth elements in Round Top Mountain rhyolite deposit (Hudspeth County, Texas, USA) by EPMA mapping. American Geophysical Union, Fall Meeting, San Francisco, abstract V23B-3130.
2. Negron L, Grijalva A, Clague J, Gorski D, **Amaya M**, Pingitore N. Gastrointestinal bioavailability of select elements in Round Top Mountain rhyolite (Hudspeth County Texas). Urban Soils and Metal Contamination: Issues—Remedies: Society for Environmental Geochemistry and Health, Arlington TX, March 31.

2014 **Amaya M**, El Kekli A, Clague, J, Grimida, S, Pingitore, N. Geospatial Distribution of Heavy Metals in an Urban Soil, El Paso, Texas, USA. **American Geophysical Union**, Fall Meeting. San Francisco, CA, Dec 16-19.

2013 Pingitore NE, Clague JW, **Amaya MA**. The Geography of Disease Seasonality in Texas: A Fourier Transform Approach. (13-4 BTH 42). **5th International Conference on Medical Geology, 2nd Symposium on Advances in Geospatial Technologies for Health**. Arlington, Virginia, Aug 25-29.

2013 Mohammed M, **Amaya M**, Pingitore NE, Aldouri R, Benedict B. Neighborhood Exposure to Nighttime Heat in a Desert City, El Paso, Texas. (4-3 BTH 17). **5th International Conference on Medical Geology, 2nd Symposium on Advances in Geospatial Technologies for Health**. Arlington, Virginia, Aug 25-29.

2013 **Amaya M**, Mohammed M, Pingitore NE, Aldouri R, Benedict B. Residential Exposure to Nighttime Retained Heat in the El Paso, Texas USA Desert Metroplex. **American Geophysical Union**, Fall Meeting. San Francisco, CA, 9-13 December 2013. (B51-A-264).

2012 Erdei E, Myers O, Ruiz-Payan A, Martinez N, Garner C, White KA, Berwick M, Pingitore N, **Amaya M**. Cytokine markers of asthma and inflammation in association with air pollution. **Keystone Symposia of the Biology of Cytokines,** Keystone, CO, Feb 5-10. .

2011 Ruiz-Payan A, **Amaya M**, Pingitore N. Elevated Asthma Prevalence in Mexican-American Children in El Paso, TX. **The World Allergy Congress**, Cancun, Mexico, December 4-8.

2011 Erdei E, Myers O, Garner C, Ruiz-Payan A, White KA, Martinez N, Berwick M, **Amaya M**, Pingitore N. Air pollution and molecular markers of asthma among UTEP cohort sibling pairs**. International Society of Environmental Epidemiology** **(ISEE)**, 23th Annual Conference. Barcelona, Spain, Sept 13-16.

2010 Pingitore, N. E., **Amaya, M. A**., Clague, J. W., (2010). Contributions of Paint and Soil to Pb in Household Dust Wipes: An XAS Study. (pp. Abstract : B43A-0451). Presented at 2010 Fall Meeting, **American Geophysical Union**, 13-17 Dec.

2009 Pingitore NE, Clague JW, Gill TE, **Amaya MA**, Cahill TA., 2009, X-ray Absorption Spectroscopy of Zinc in Airborne Particulate Matter Shows Tire Debris Concentrated in > 0.5 μm Fraction. **Eos Trans. AGU**, 90(52), Fall Meet. Suppl., Abstract EP21A-0573.

2009 Cahill TA, Gill TE, Pingitore NE, Olvera HA, Clague JW, Barnes DE, Perry KD, Li W, **Amaya MA**, Size-Time-Composition Resolved Study of Aerosols Across El Paso, Texas in Fall 2008. **Eos Trans. AGU,** 90(52), Fall Meet. Suppl., Abstract EP21A-05702008

2008 Pingitore, N.E., Clague, J., and **Amaya, M.A**. Cycling of Lead Through Soil, Air, and Household Dust in El Paso, Texas: **Eos Trans. AGU**, 89(53), Fall Meet. Suppl., Abstract B43B-0440.

2007 Pingitore, NE, Clague, J., **Amaya, MA** and Olvera H. Speciation of Lead in Airborne Particulate Matter in El Paso, TX, by X-ray Absorption Spectroscopy: **Eos Trans. AGU***, 88(52),* Fall Meet. Suppl., Abstract B51B-0362.

2006 Pingitore, N.E., **Amaya, M.A**., and Clague, J., 2006, Comparison of Lead Species in Household Dust Wipes, Soil, and Airborne Particulate Matter in El Paso, Texas, by Xray Absorption Spectroscopy: **Eos Trans. AGU**, 87(52), Fall Meet. Suppl., Abstract B41D-0215.

2005 Pingitore, N.E., **Amaya, M.**, and Clague, J., Lead Contamination of Urban Soil in the El Paso (Texas)--Juarez (Mexico) Border Metroplex: **Eos Trans. AGU**, 86(52), Fall Meet. Suppl., Abstract A11B-0875

2005 Pingitore, N.E., **Amaya, M.,** and Clague, J., Distribution and Sources of Lead in Urban Soil in El Paso, Texas: **Eos Trans. AGU**, 86(18), Jt. Assem. Suppl., Abstract A21A-11.

2004 Pingitore, N.E., Clague, J., Delgado, M., Gardea-Torresdey, J., **Amaya, M.**, Juarez, Pl, Bader, J., Zevallos, J.C., and Herrera, I. 2004, Lead in El Paso Soil: **American Chemical Society**, Anaheim, CA, Abstract #725741

1997 Barnes, B.E., Pingitore, N., **Amaya, M**., Mora, L., Rico, E., & Chavarria C. “Toxic Elements in Culinary and Medicinal Herbs of the US-Mexico Border Region”. Abstract published in **Geological Society of America, Rocky Mountain and South Central Sections**, El Paso, TX. Mar 6 (no page number)

1996 **Amaya, M**., & Ackall, G. “Perinatal Lead Exposure in the El Paso-Juarez Border”. Abstract published in Connecting Efforts Along the Border: **Fourth biennial U.T. System Texas-Mexico Border Health Symposium**, South Padre Island, TX. Oct 24 (no page number)

1990 **Amaya, M.** "Use of Breast Self-Examination, Breast Professional Examination, and Cervical Pap Smear in a Mexican-American Population." Abstract published in **U.T. System Valley/Border Health Symposium: Proceedings,** p. 39.2. U.T. Austin Thompson Conference Center, Austin, TX. Oct 22-23

1989 **Amaya, M.**, & Mahr, D. "Identification of Risk Factors for Breast, Cervical and Uterine Cancer Among Mexican-American Women." Abstract published in **1st National Conference on CancerNursing Research**, p. 4. American Cancer Society, Atlanta, GA. Nov 30, Dec 2.

1987 **Alvarez (Amaya), M.** "Factors Associated With the Practice of Early Detection of Breast and Cervical Cancer Among Women of Mexican Ancestry and the Implications for Nursing Education." (Doctoral Dissertation, New Mexico State University, 1986). **Dissertation Abstracts International**, 48A,(1),51A.

**Presentations (poster and podium)**

Podium. **Amaya MA.** Immigrant Worker Health: When Zip Code Matters, Session No. 22.4.051. AANP 2022 National Conference, Orange County Convention Center, Orlando FLA, June 24, 2022.

Poster. **Amaya MA**, Alvarado A, Munoz M, Diaz Erives J, Pingitore NE. Elevated Pediatric Asthma Prevalence in a Mexican American Border Community, El Paso TX USA. Shaping the Future: Toward Patient-Centered Research & Best Practice. The University of Texas at El Paso, School of Nursing, El Paso, TX, May 6, 2022.

Poster. **Amaya MA**, Hoyt J, Alvarez A, Vasquez A, Martinez B, Pingitore NE. Heat

Morbidity & Mortality in Southwest U.S. Cities: A Roof Albedo Study. Shaping the

Future: Toward Patient-Centered Research & Best Practice. The University of Texas at

El Paso, School of Nursing, El Paso, TX, May 6, 2022

Poster. Alvarez A, Armendariz J, Oliveros C, Alvarez de Toledo Aguilar, Martinez B,

Vazquez A, Hoyt J, **Amaya MA,** Pingitore NE. Residential Roof Albedos and Land

Surface Temperatures in El Paso-Juarez: A Cross-Border Contrast. Abstract

GH15C-0616. American Geophysical Union, Fall Meeting, 13-17 Dec 2021

Poster. Martinez B, Hoyt J, Alvarez A, Vazquez A, Hernandez R, Marruffo A, Sanchez

 R, **Amaya MA**, Pingitore NE. Sister Cities, Separate Styles: Residential Roof Albedos

in San Diego USA and Tijuana, Mexico. Abstract GH004-0005. American Geophysical

Union, Fall Meeting, 7-11 Dec 2020.

Poster. Alvarez A, Martinez B, Vazquez A, Hoyt J, Hernandez R, Sanchez R, Marruffo

A, **Amaya MA**, Pingitore NE. Cross-border Contrast in Roof Albedos: Cd. Juarez,

Chihuahua vs. El Paso, Texas, Abstract GH005-01. American Geophysical Union, Fall

Meeting, 7-11 Dec 2020.

Poster. Hoyt J, Martinez B, Alvarez A, Hernandez R, Marruffo A, Sanchez R, Vazquez

 A, **Amaya MA**, Pingitore NE. Residential Roof Albedos in Tucson, Arizona: A Model for

the Southwest. Abstract GH004-003. AGU Fall Meeting, 7-11 Dec 2020.

Poster. Vazquez A, Alvarez A, Martinez B, Hoyt J, Marruffo A, Sanchez R, Hernandez

 R, **Amaya MA**, Pingitore NE. Residential Roof Albedos in Albuquerque, New Mexico:

 Not Adapted for Global Warming? Abstract GH004-0004. AGU Fall Meeting, 7-11 Dec

2020

Poster. Alvarez, A., Clarissa, R., Mercado, E., **Amaya, M. A.,** Pingitore, N. E., American Geophysical Union, Annual Fall Meeting, "Cross-border Contrast in Roof Albedos: Cd. Juárez, Mexico vs. El Paso, USA," AGU, San Francisco. (December 10, 2019).

Poster. **Amaya MA**, Ziwu E, Clague JW, Pingitore NE. (2016). Cerium Levels in Fine and Coarse Airborne Particulate Matter in El Paso, Texas—A Geospatial and Temporal Investigation. **Abstract** #B51A-0379, American Geophysical Union, Fall Meeting.

Poster. Negron L, Grijalva A, Clague J, Gorski D, **Amaya M**, Pingitore N. (2016). Gastrointestinal bioavailability of select elements in Round Top Mountain rhyolite (Hudspeth County Texas). Urban Soils and Metal Contamination: Issues—Remedies: **Society for Environmental Geochemistry and Health**, Arlington TX, March 31**.**

Poster. **Amaya M**, Grimida S, Elkekli A, Aldouri R, Benedict B, Pingitore N. (2015). Geospatial Mapping of Pb, Cr, Cu, Zn, Cd, and Sb in Urban Soil, Cd. Juarez, Chihuahua, Mexico. American Geophysical Union, Fall Meeting, San Francisco, abstract GC51G-1170.

Poster. Pingitore N, Piranian M, **Amaya M**, Negron L, Gorski D. (2015). Micro-distribution of heavy rare earth elements in Round Top Mountain rhyolite deposit (Hudspeth County, Texas, USA) by EPMA mapping. American Geophysical Union, Fall Meeting, San Francisco, abstract V23B-3130.

Podium. **Amaya, M** & Pingitore N. Environmental Health at the US Mexico Border. **UTEP ORSP Research Forum**. El Paso, TX, 2 Dec 2014. Special Invitation.

Poster. **Amaya M**, El Kekli A, Clague, J, Grimida, S, Pingitore, N. Geospatial Distribution of Heavy Metals in an Urban Soil, El Paso, Texas, USA. **American Geophysical Union**, Fall Meeting. San Francisco, CA, 16-19 Dec 2014.

Poster. Pingitore NE, Clague JW, **Amaya MA. (**2013). The Geography of Disease Seasonality in Texas: A Fourier Transform Approach. **5th International Conference on Medical Geology, Medical Geography, 2nd Symposium on Advances in Geospatial Technologies for Health.**  25-29 August, Hilton Crystal City Hotel, Arlington, Virginia (13-4 BTH 42).

Poster. Mohammed M, **Amaya A**, Pingitore NE, Aldouri R, Benedict B. (2013). Neighborhood Exposure to Nighttime Heat in a Desert City, El Paso, Texas. **5th International Conference on Medical Geology, 2nd Symposium on Advances in Geospatial Technologies for Health**. 25-29 August, Hilton Crystal City Hotel, Arlington, Virginia (4-3 BTH 17).

Poster. Erdei E, Myers O, Ruiz-Payan A, Martinez N, Garner C, White KA, Berwick M, Pingitore N, **Amaya M**. Cytokine markers of asthma and inflammation in association with air pollution. **Keystone Symposia of the Biology of Cytokines,** Feb 5-10,2012, Keystone, CO.

Poster. Ruiz-Payan A, **Amaya M**, Pingitore N. Elevated Asthma Prevalence in Mexican-American Children in El Paso, TX. **The World Allergy Congress**, Cancun, Mexico, December 4-8, 2011.

Poster. Erdei E, Myers O, Garner C, Ruiz-Payan A, White KA, Martinez N, Berwick M, **Amaya M**, Pingitore N. (2011). Air pollution and molecular markers of asthma among UTEP cohort Sibling pairs**. International Society of Environmental Epidemiology** 23th Annual Conference,

Poster. Pingitore NE, Clague JW, Gill TE, **Amaya MA**, Cahill TA. (2009). X-ray Absorption Spectroscopy of Zinc in Airborne Particulate Matter Shows Tire Debris Concentrated in >0.5 μm Fraction. **Eos Trans. AGU**, 90(52), Fall Meet. Suppl., Abstract EP21A-0573.

Poster. Cahill TA, Gill TE, Pingitore NE, Olvera HA, Clague JW, Barnes DE, Perry KD, Li W, **Amaya MA.** Size-Time-Composition Resolved Study of Aerosols Across El Paso, Texas in Fall 2008. **Eos Trans. AGU,** 90(52), Fall Meet. Suppl., Abstract EP21A-05702008

Podium. **Amaya, MA**. Sources of Lead Exposure and Health of Mexican Americans in El Paso, Texas. Presented at NIH Center for Scientific Review by invitation. Bethesda, MD June 4, 2008.

Podium. Myers, O, Gonzales, M, Olvera, H., Li, W, **Amaya, M** and Pingitore Jr., N. “Selection of Optimal Air Monitoring Sites for Enhancing Population Exposure Estimates from Land Use Regression Models”. **17th Annual Conference of the International Society of Exposure Analysis.** Abstract # 110, p. 46. Durham/RTP, NC October 14-18, 2007.

Poster. **Amaya, MA**, Pingitore, NE, Li, W-W, Currey, R, Burchiel S, Berwick, M. (2007).

Childhood Asthma and Respiratory Health in Latino Children in the El Paso Airshed. 1st Annual Research Showcase, UTEP College of Health Sciences and the School of Nursing.

Poster. **Amaya, MA**, Pingitore, NE, and Clague, J. “Comparison of Lead Species in Household Dust Wipes, Soil, and Airborne Particulate Matter in El Paso, Texas, by X-ray Absorption Spectroscopy”. (2007). 1st Annual Research Showcase, UTEP College of Health Sciences and the School of Nursing.

Podium. **Amaya, MA**. ”Presentation of the proposed UTEP DNP Program”. The First National Conference on the Doctor of Nursing Practice: Meanings and Models. March 28-30, 2007 Annapolis, MD

Podium. Pingitore, N.P., **Amaya**, **MA**, Li, W.W., M., Currey, R., Burchiel, S., Berwick, M. Childhood asthma and respiratory health in Latino children in the El Paso airshed. **Health Effects Institute** 2006 Annual Conference, p. 46, April 9-11, 2006, San Francisco, CA.

Podium. Olvera, H.A., J. Gamez, N. Garcia, J.D. Baca, M. Garcia, F. Astorga, J. Sias, N. Pingitore, Jr., R. Currey, M. **Amaya, M**. Gonzales, M. Orrin, S. W. Burchiel, W-W Li, Ambient monitoring of PM and co-pollutants for use in the assessment of childhood asthma in Hispanic households. **2006 National Air Monitoring Conference**, Las Vegas, NV, 2006

Podium. **Amaya, M.A**. Children’s Lead Exposure in El Paso & Juarez, presented at West Texas Children’s Environmental Health Conference, El Paso, TX, September 9, 2005

Poster. **Amaya, M.A.,** Pingitore, N., Clague, J., Juarez, P., & Cardona, M. Encuentros: Binational Community Lead Project. NIEHS Annual Grantee Meeting: Environmental Justice, Community-Based Participatory Research and Tribal Research. Anchorage/Talkeetna, Alaska September 19-22, 2005

Poster. **Amaya, M.A.,** Juarez, P., Peña, A., Melendez, G. Bridging Multicultural Gaps for Health Promotion and Disease Prevention. Third National Prevention Summit: Innovations in Community Prevention, Washington, DC October 24-25, 2005

Podium. **Amaya, M.A**. Opportunities for Hispanic Health Disparities Research along the Texas/Mexico Border, presented at Health Disparities on the United States/Mexico Border. 1st Symposium, Hispanic Health Disparities Research Center, El Paso, TX. February 16, 2004.

Podium. Bowden, P., Garcia, L., and Ruiz, L. Our Time is Now UTEP Student Conference and Research Expo. Faculty Supervisors: **Amaya, M.A., Pingitore, N.E**., **Gardea, J**. April 23, 2004.

Podium. Juarez, P., Bowden, P., and **Amaya, M.A.** When Local is Binational, presented at Crossroads: Critical Issues in Community-Based Research Partnerships. Hartford, CT. June 10-13, 2004.

Podium. Juarez, P., **Amaya, M.A**. Keeping Children Safe from Lead Poisoning. Presented at Promoting a Clean Environment for Healthy Kids, sponsored by Farmworker Justice Fund, Inc., El Paso, TX, September 21, 2004.

Podium. **Amaya, M.A**. Women’s Health Nurse Practitioner Program: Ten Year Achievements. Presented at Women/Gender Curriculum Workshop. El Paso, TX, March 3, 2003.

Podium. **Amaya, M.A**. Environmental Exposures: Hazards to Women’s Health. **The 26th Annual Conference in Women’s Health Care**, Dallas, TX, April 22-24, 2003.

Podium. **Amaya, M.A.** NIEHS Annual Project Report. NIEHS Environmental Justice and Community-Based Participatory Research Annual Grantee Meeting. Philadelphia, PA, July 17-18, 2003.

Podium. **Amaya, M.A**. Nurses and Binational Environmental Health Research: Building Trust in Communities. **American Public Health Association, 130th Annual Meeting &**

 **Exposition**, Philadelphia, PA, November 9-13, 2002.

Podium. **Amaya, M.A**. Environmental Health Research and Public Health. **Society for**

**Advancement of Chicanos and Native Americans in Science (SACNAS), 2002**

**National Conference**. Anaheim, CA, Sept. 26-29, 2002.

Poster. **Amaya, M.A.** Environmental Health Nursing: Skills for a New Century. **American Academy of Nurse Practitioners, 17th Annual National Conference**, Lake Tahoe, NV, June 20-22, 2002

Podium. Juarez, P., Vasquez, V., **Amaya, M**. *Encuentros:* Binational Program on Environmental Lead and Children. **60th Annual Meeting of the U.S.-Mexico Border Health Association**, June 4-7, 2002, Chihuahua, Mexico.

Podium. **Amaya, M.A**. Toxic Legacy: Childhood Lead Poisoning on the U.S.-Mexico Border. Fourth Binational Toxicology Has No Borders Conference, June 22-23, 2002, El Paso, TX.

Podium. **Amaya, M., Pingitore, N**. La Canasta Fronteriza y el Consumidor. 3er Encuentro sobre el Medio Ambiente Fronterizo, Retomando La Frontera En El Siglo XXI. April 26-28, 2001.Tijuana, B.C., Mexico.

Moderator. **Amaya, M.** **NLN Pre-Summit Conference: Emerging Topics in Environmental Health**, University of Maryland & Kellogg Foundation. Baltimore, MD, September 19-20, 2001.

Podium. **Amaya, M**. Lead in Consumer Products. EPA Region 6Border Liaison Office. August Border Forum, El Paso, TX, August 8, 2001.

Podium. **Amaya, M.A.** Preventing Product-Related Lead Exposure. 1st Annual Border Health Care Conference, Feb. 2, 2001, El Paso, Texas.

Podium. **Amaya, M.A.** The Border-Basket Project: Reaching the Consumer. The US-Mexico Border: A Continuum of Ideas Addressing Environmental Issues, **EPA, Southwest Center for Environmental Research and Policy Technical (SCERP) Technical Conference**, Cd. Juarez, Chihuahua, Oct. 11-13, 2000.

Podium. **Amaya, M.A.** Empowerment Through Self-Efficacy: Primary Prevention of Childhood Lead Poisoning on the U.S.-Mexico Border. **U.S.-Mexico Border Health Association**. Hermosillo, Sonora, Mexico. May 3-5, 2000.

Podium. **Amaya, M.A.** A Primary Prevention Program for Parents of Children at Risk for Lead Poisoning. Sigma Theta Tau Annual Research Day—Nursing in the New Millennium: An Era of Collaboration. April 28, 2000.

Podium. **Amaya, M.A.** Presented to the Nursing Workforce and Environmental Health Strategic Planning Workshop.” The National Environmental Education & Training Foundation, Inc**.** Baltimore, MD. Nov. 29-30, 1999.

Podium. **Amaya, M.A.** Champions in the Community: Advocating for Children. Pediatric Environmental Health: Putting it into Practice. San Francisco, CA. June 4-7, 1999.

Podium. **Amaya, M.A.** Community-ecosystem Interaction Model: Adaptation of the Neuman Systems Model in Environmental Health. **7th International Neuman Systems Model Symposia**, Vancouver, British Columbia, April 7-10, 1999.

Podium. **Amaya, M.A.** Health & Environment. 3rd Annual U.S.-Mexico Border Conference: Challenges and Collaboration. Washington, D.C. March 24, 1999.

Podium. **Amaya, M.A.** Primary Prevention Research in Environmental Health: Childhood Lead Poisoning on the U.S.-Mexico Border. University of Maryland Faculty Development in Environmental Health: Deans’ Session, Atlanta, GA., Feb. 7, 1999.

Podium. **Amaya, M.A.** Presented to Mission Possible: Survival Strategies for the Paso del Norte Region. Environmental Conference, El Paso, TX, Jan. 23, 1999.

Podium. **Amaya, M.**, Prieto, L., Chew, M., Mora, L., Stuppy, D., Varela, W. Technical Report: Primary Prevention of Childhood Lead Exposure.” **Southwest Center for Environmental Research and Policy Technical Conference**, El Paso, TX, 1998.

Poster. **Amaya, M.A.** Prevention of Childhood Toxic Lead Exposure in a U.S.-Mexico Border Community: Using Focus Groups to Elaborate Educational Instruments. **SCERP**

**Technical Conference**, El Paso, TX, 1998.

Podium. **Amaya, M.A.** Border Environment and Third World Health: Getting By With a Little Help From Friends. The Sixth Annual Conference on Primary Care for the Underserved, El Paso, TX. May 22, 1998.

Poster. Barnes, B.E., Villalobos, J.I., Pingitore, N.E., and **Amaya, M**. Identification of Trace Elements in the El Paso/Juarez Border Region Diet. **American Geophysical Union**, San Francisco, CA, 1998.

Poster. Barnes, B.E., Pingitore, N.E., **Amaya, M**., & Rico Escobar, E. Analysis of Toxic Metals in the El Paso-Juarez Border Diet. **Association for Borderland Studies**, Nogales, AZ, 1998.

Poster. Barnes, B.E., Pingitore, N.E., **Amaya, M.**, & Rico Escobar, E. Potential Sources of Toxic Metals in a Border Community Diet. **Association of Borderland Studies**, Denver, CO, 1998.

Poster. Barnes, B., Pogue, T., Pingitore, N.E., & **Amaya, M**. Environmental Applications of X-Ray Micro Fluorescence. **American Geophysical Union**, San Francisco, CA, 1997.

Podium. Pingitore, N.E., **Amaya, M**., & Rico Escobar, E. The Border Basket: Analysis of Toxic Metals in Retail Foods, El Paso-Ciudad Juarez. **SCERP Technical Conference**, El Paso, TX, 1997.

Podium. **Amaya, M.A.** Women’s Health Issues along the Border. University Women’s Resource Center, Women’s Studies Program Lunch bag Seminar, El Paso, TX. Feb 5, 1997.

Podium. **Amaya, M.A.** Perinatal Exposure in the El Paso-Juarez Border. Nurses Impact Quality: A Showcase of Quality Improvement Initiatives from Diverse Health Care Settings. Sigma Theta Tau, Delta Kappa Chapter, El Paso, TX. April 4, 1997.

Podium. **Pingitore, N**., **Amaya, M.A.** The Border Basket: Toxic Metals in Retail Foods in the El Paso-Ciudad Juarez Area. **SCERP & Border XXI**: Current Research and Future Priorities for Applied Research on the Border Environment, San Diego, CA. Sept. 11-13, 1996.

Poster. **Amaya, M.A.** Environmental Lead Assessment in El Paso-Ciudad Juarez. **SCERP & Border XXI**: Current Research and Future Priorities for Applied Research on the Border Environment, San Diego, CA. Sept. 11-13, 1996.

Podium. **Amaya, M.A.** Prenatal Lead Exposure in Low-Income Hispanic Women. NINR National Advisory Council for Nursing Research, Bethesda, MD. June 11, 1996.

Poster. Barnes, B., Pingitore, N.E., **Amaya, M.A.** Diet as a Source of Toxic Metals in a Border Community. **Modulation of Chemical Toxicity and Risk Assessment**, Tucson, AZ, June 9-12, 1996. **BEST POSTER AWARD**

Poster. Barnes, B., Pingitore, N.E., Boughner, S., **Amaya, M**., French, A., Rico, E., & Chavarria, C. The Border Basket: Analysis of Toxic Elements in Retail Foods, El Paso/Juarez. Southwest Section, American Association of Petroleum Geologists: Energy Minerals, and the Environment--PanAmerican Perspective, El Paso, TX. Mar 11, 1996

Poster. Barnes, B., Boughner, S., Pingitore, N.E., **Amaya, M**., French, A., and Rico Escobar, E. Is the Water Safe to Drink: Elemental Analysis by ICP-MS of Commercial Bottled Waters from Springs, Mineralized Sources, and Purification Plants. **American**

**Geophysical Union**, San Francisco, 1995.

Podium. **Amaya, M.A., Pingitore, N.E.** Epidemiologic Analysis of Perinatal Lead and Heavy Metal Exposure and the Implications for Regulatory and Public Health Policy. **SCERP** Technical Conference, San Diego, CA. Mar 30, 1995.

Podium. **Amaya, M.A.** Preliminary Analyses of Prenatal Exposure to Lead and Birth Outcomes in Pregnant Women Along the border. Third U.T. System Texas-Mexico Border Health Symposium, South Padre Island, TX. Oct 20-22, 1994.

Podium. **Amaya, M.A.** Women and Domestic Violence. Women and Health in the ‘90's: Unlocking Your Potential, El Paso, TX. Nov 6, 1993.

Poster. Tinkle, M., Taylor, M., **Amaya, M.A.** Herbal Treatments for Older Women in a Border Community. Annual Texas **NAACOG** Section Meeting, Tyler, TX. April, 1993.

Podium. **Amaya, M.A.** An Update on An analysis of Lead, DDT and Other Heavy Metals Among Hispanic Pregnant Women. **SCERP** Technical Conference, Chandler, AZ. Mar 25-26, 1993.

Podium. **Amaya, M.A.** Women and Cancer Prevention. Women's Health Issues Lecture Series, Sponsored by Women's Resource Center, Student Health Center, University of Texas at El Paso, El Paso, TX. Mar 10, 1993.

Podium. **Amaya, M.A.** Mexican American Youth: An Untapped Source of Graduate Nursing Students. **American Association of Colleges of Nursing (AACN**), Masters

Education in Nursing for Healthy People 2000, San Antonio, TX. Dec 3-5, 1992.

Podium. Tinkle, M., **Amaya, M.A.** Human Papillomavirus Infection in Hispanic Women: A Preliminary Research Report. District VII Regional Meeting, **NAACOG**, St. Louis, MO, Sep 29-30, 1992.

Keynote. **Amaya, M.A.** Nursing Leadership in Women's Health Care: Legacy and Prospects. Induction and Installation Ceremonies, Sigma Theta Tau, Delta Kappa Chapter, El Paso, TX, May 1991.

Podium. **Amaya, M.A.** Use of Breast Self-Examination, Breast Professional Examination, and Cervical Pap Smear in a Mexican-American Population. U.T. System Valley/Border Health Symposium, Austin, TX. Oct, 1990.

Podium. **Amaya, M.A.** Multivariate Analysis of Breast Self-examination and Frequency of Pap Smears in Hispanic women. **Sigma Theta Tau International**, Delta Kappa Chapter, Third Annual Research Day, El Paso, TX. Oct, 1989.

Podium. Gardner, M., **Amaya, M.A.,** Sakakini., J.Effects of Prenatal Care in Twin Gestations. District Meeting of **NAACOG**, Denver, CO. Oct, 1987.

Podium. **Amaya, M.A.** Report of Factors Associated with the Early Detection of Breast and Cervical Cancer among Women of Mexican Ancestry in a Large Border City". **XLV**

**Annual Meeting of the U.S.-Mexico Border Health Association,** San Diego, CA. June, 1987.

Podium. **Amaya, M.A.** Toward a Reconceptualization of the Adoption of Preventive Health Behavior in the Hispanic Population". **Hispanic Task Force Reunion, Texas Division, American Cancer Society,** El Paso, TX, March, 1986.

Podium. **Amaya, M.A.** Health Care Delivery System: Mexican Women Immigrants in a U.S. Border City. **Twenty-seventh Annual Conference of the Western Social Science Association**, Fort Worth, TX, April, 1985

Podium. **Amaya, M.A.** Patterns of Health Service Utilization Among Mexican Women Immigrants-A Socio-Political Analysis. Women's Research Conference: Social Change or Small Change--Women in the '80's, Women's Studies Program, University of Utah, Salt Lake City, UT, October, 1984.

**Research**

**Funded**

$9,600 UTEP Office of On Campus Student Employment. Evaluation of a COVID-19 Protocol in a Clinical Setting. Undergraduate nursing students provided with Research Assistantships at the School of Nursing, Bio-Behavioral Research Laboratory. 2022-23

$9,600 UTEP Office of On Campus Student Employment. Roof Albedos in the El Paso-Juarez Border Region. Undergraduate nursing students provided with Research Assistantships at the School of Nursing, Bio-Behavioral Research Laboratory. 2021-22

$9,600 UTEP Office of On Campus Student Employment. Roof Albedos in the El Paso-Juarez Border Region. Undergraduate nursing students provided with Research Assistantships at the School of Nursing, Bio-Behavioral Research Laboratory. 2020-21

$250,000 NIH, NIEHS. UTEP-UNM HSC ARCH Program on Border Asthma: Pilot Project #6--Sibling Asthma Study: Cytokine Polymorphism in Mexican American Sibling Pairs. PI. (1 S11 ESO13339 01A1). 2008-2010.

$200,000 UT System Faculty Star Award, 2008. Funds to purchase K X-ray Instrument.

$250,000 UT System Faculty Star Award, 2007. Funds to purchase RV for field research work: Mobile Environmental Health Research Laboratory.

$5,117,244 NIH, NIEHS. UTEP-UNM HSC ARCH Program on Border Asthma: Childhood Asthma & Respiratory Health in Latino Children in the El Paso Airshed, Co-PI. (1 S11 ESO13339-01A1). 2005-2010.

$298,747 NIH-NCMHHD & UTEP Hispanic Health Disparities Research Center: A Household Survey to Explore Health Disparity Domains on the U.S.-Mexico Border. Co-investigator. (1 P20 MD002287-01). 2008-10.

$300,000 DOE, Stanford Synchrotron Radiation Laboratory (SSRL). Speciation by XAS of Toxic Elements in Airborne Particulate Matter from the El Paso, Texas, Airshed. 2006-08 Role: Co-Investigator.

$4,800,000 NIH, National Center for Minority Health Disparities, Research Outreach and Dissemination Core. Senior Fellow. (1 P20 MD000548-01). 2003-2005.

$1,750,000 NIH, NIEHS. Encuentros: Binational Community Lead Project. PI. (1 R01 ES011367). 2001– 2006.

$30,000 University Tobacco Fund. Epidemiological Study of Childhood Lead Exposure on the U.S.-Mexico Border. PI. 2001.

$25,000 Environmental Protection Agency, Southwest Center for Environmental

Research & Policy (EPA/SCERP). Border Basket III--Outreach. Co-PI. 1999-2000.

$85,192 EPA/SCERP. Prevention of Childhood Toxic Lead Exposure in a U.S.-Mexico Border Community. PI. 1997-99.

$5,000 Thomason County Hospital (University Medical Center). Promocion de Salud: Postmenopausal Pap Screening in Mexican American Women on the U.S.-Mexico Border. PI. 1997-99.

$1,754 Susan G. Komen Foundation. Community Based Breast Health Education Project. Co-investigator. 1997-98.

$128,211 EPA/SCERP. The Border Basket II: Analysis of Toxic Metals in Retail Foods, El Paso-Juarez. Co-investigator. 1997-98.

$159,624 EPA/SCERP. The Border Basket I: Analysis of Toxic Metals in Retail Foods, El Paso-Juarez. Co-investigator. 1996-97.

$33,000 EPA/SCERP. Lead and Folic Acid Levels among Pregnant Women in Ciudad Juarez, Mexico. PI. 1993-95.

$120,000 EPA/SCERP. An Analysis of Lead Exposure During Pregnancy and the Neonatal Period Among Indigent Hispanic Women. PI. 1992-95.

$600 UTEP University Research Institute. Identification of Risk Factors for Breast, Cervical, and Uterine Cancer Among Mexican American Women. PI. 1989.

$900 American Cancer Society, Texas Division, Nursing Scholarship Committee. Factors Associated with the Practice of Early Detection of Breast and Cervical Cancer Among Women of Mexican Ancestry and the Implications for Nursing Education. Doctoral Dissertation. 1986.

$879,075 DHHS, Bureau of Health Professions, Division of Nursing. Women’s Health Care Nurse Practitioner Program, Co-investigator. 1992-1995.

**Institutional Service**

**UTEP School of Nursing (Department) Committees**

SON/SIGMA Research Conference Planning Committee Chair. 2021

Research Steering Committee, Chair, 2019-present

Ad Hoc Committee on Academic Workload Policy, Chair, 2018-20

School of Nursing Faculty Organization (SoNFO), Chair, 1992-93; Chair 2011-2012; 2013-14; Secretary 2010-11, 2015-16, 2017-18.

Graduate Studies Committee, 1988-present. Chair, 1998-99; 2001-02; 2003-04; 2004-05

Faculty Recruitment Search Committee, 2007-08; 2010-2012; 2015-16; 2018-20

Ad Hoc, Doctor of Nursing Practice (DNP) Program Development Committee, Chair & authored first program draft, 2006-07

Faculty Tenured/Tenure Track Evaluation Committee, Member 2000 – present. Chair, 2010-2012; Chair 2018-2021; Chair, ad hoc promotion committee 2018

Tenure/Promotion & Post-Tenure Review Committees, since 1992. Chair, 2017; Chair, Full Professor Committee for two applicants, 2018; Chair, Full Professor Committee, 2019.

Program Evaluation Committee, 1997-2000; Chair, 1998-2000

Ad Hoc, CCNE Accreditation Committee Visit, Section Coordinator, 1998-99

Bylaws Committee, Chair, 1991-92, Chair 2011-2012

Faculty Nominating Committee, 1988-90; Chair, 1989-94

Undergraduate Curriculum Committee, Chair, 1989-90

Ad Hoc Committee on SON Organizational Structure Revision, Chair, 2004

**University Search Committees**

Dean, School of Nursing 2018-20;

Faculty, School of Nursing 2017-18; 2018-19; 2019-20 – Chair;

Faculty, School of Nursing. 2015 (member)

Deans, College of Health Sciences & School of Nursing. 2000 (Chair); 2002 (Chair);

 2003-04 (Chair); 2006-07 (Chair); 2009 (Co-Chair)

Director, Center for Environmental Resource Management. 2000-02 (member); 2004-05 (member)

 Director, Women’s Studies Department. 1996 (member)

**University Committees (selected)**

University Research Council, 2019 - Present

University Faculty Development Leave Review Committee, 2020

University Student Grievance Committee, 1993-95; 2012-15

University Faculty Welfare, Ethics & Responsibility, Chair 1986-88, 1995-97; 2011-12; Member 2010-2012 and 2017-2020.

University Graduate Council, 1991-94; 2001-09; 2011-14

University Faculty Senate Representative, 2010 – 2014; 2017-18

University Emeritus Committee, 2007-08

University Committee on Committees, 2001-04; 2014-16;

UT System Faculty Advisory Council, 1999-2000

University Faculty Senate, 1989-92; 1995-2000; Vice-Pres. 1999-2000; Executive Council 2007-09; 2017-18.

President’s Ad Hoc Blue Ribbon Tenure Review Committee, 1997-98

Women’s Studies Program, Advisory Council, 1996

EPA/Southwest Center for Environmental Research & Policy, Advisory Committee, 1991-93

University Honors Program Advisory Committee, 1990-93

Graduate Assembly, 1987 until dissolution

Interdisciplinary Health Sciences PhD Council, 2018-19

SECC representative, 2018

**Community Service**

**Name of Organization Service Performed Dates**

National Association of Hispanic Member 2022-present

Nurses

Sigma Theta Tau (SIGMA) Succession Committee 2020-23

 & Research Conference

 Planning Committee

 Chair 2021-22

American Association of Fellow 2011-present

Nurse Practitioners (AANP) Co-Chair 2019-23

 Environ/Occup.

 Health Community of

 Practice

Texas Nurse Practitioners Member 2015-present

USEPA Clean Air Act Advisory Committee 2010-2014

Advisory Committee

Paso del Norte Founding Member 2001-2004

Environmental Health Coalition

Farm Worker Justice Fund Advisory Committee 2001

Clean Environment for

Healthy Kids

Children’s Environmental Health Member 2000

Network

University of Maryland Advisory Committee 1998-2001

National Advisory Committee

On Faculty Development

Cancer Consortium of El Paso, Inc. Executive Board Member 1997-99

AACN/CCNE Standards Committee Member 1997-98

UT Southwestern Medical Center Region VI Advisory 1997-2000

WHCNP Program Committee

El Paso City-County Health Founding Member 1993-94

& Environmental District The Lead Task Force

National Cancer Institute Member 1992-95

Hispanic Cancer Control Research

Network

American Cancer Society Professional Volunteer 1980-1996

UTEP

League of Academic Women Member 1986-95

UTEP Mother-Daughter Program Mentor 1986-93

UTEP Comprehensive Regional Project Lift-Off 1993-94

Center for Minorities Mentor

Unite El Paso Community Member 1993-94

Action Committee

**Community Outreach /Educational Materials Developed**

**DVD & Video Productions**

$85,192. PA/SCERP. Prevention of Childhood Toxic Lead Exposure in a U.S Mexico Border Community. PI. 1997-99. **Amaya, M.A.,** Producer. (1998). Border Communities Declare War Against Lead. Bilingual dramatic work teaching low-income Mexican American parents of at-risk children how to prevent lead exposure in the home. Funded by the Center for Environmental Resource Management (CERM) of The University of Texas at El Paso and Southwest Center for Environmental Research and Policy (SCERP) through EPA Cooperative Agreement CX 825457-01-0.

**Printed *Novella* Version (Spanish)** $85,192. EPA/SCERP. Prevention of Childhood Toxic Lead Exposure in a U.S Mexico Border Community. PI. 1997-99. **Amaya, M.A.,** Producer. (1998). Border Communities Declare War Against Lead. Bilingual dramatic photonovel used to teach low-income Mexican American parents of at-risk children how to prevent lead exposure in the home. Funded by the Center for Environmental Resource Management (CERM) of The University of Texas at El Paso and Southwest Center for Environmental Research and Policy (SCERP) through EPA Cooperative Agreement CX 825457-01-0.

**Project Web Sites Developed**

*Encuentros* Project. $1,750,000. NIEHS R01 ES011367. PI. 2001– 2006.

[www.encuentros.utep.edu](http://www.encuentros.utep.edu) Community outreach website

Border Basket Project. $312,832. EPA/SCERP. Co-Investigator. 1996-2000

[www.borderbasket.utep.edu](http://www.borderbasket.utep.edu) Community outreach website

**Professional Consultations**

2004 Project Consultant, University of Nebraska Medical Center, College of Nursing. Community/Public Health Nursing, Nursing Administration & Nursing Informatics Distributive Education for Rural Nurses. Donna Westmoreland, Ph.D., Principal Investigator

2001 Farmworker Justice Fund, Inc., Washington, DC. Training assistant.

2000 National Safety Council, Environmental Health Center, Washington, DC. Training assistant.

2001 National Institute of Diabetes, Digestive, Kidney Diseases. Extramural review committee.

1999 State of Idaho, Department of Health and Welfare, Division of Health, Bureau of Environmental Health and Safety. Idaho Superfund-Related Environmental Health Education Project, Technical Advisor/Resource Group.

1999 Marlee Klimer, School Nurse, Henderson Middle School, El Paso, Texas. Lead risk factors & testing procedures.

1998 Missouri Department of Health. Recommendations for prenatal lead screening.