

MIGUEL A. ZUNIGA
Associate Professor and Chair
College of Health Sciences
Department of Health Services and Promotion
Box 2194 SHSU
Sam Houston State University
Huntsville, TX 77341

EDUCATION

Doctor of Medicine - National Autonomous University of Honduras, Tegucigalpa, 1985

Master of Health Administration - Tulane University School of Public Health and Tropical Medicine
New Orleans, Louisiana, 1990

Doctor of Public Health – Health Systems Management – Tulane University School of Public Health and Tropical
Medicine New Orleans, Louisiana, 1994

Public Health Doctoral Dissertation: “Primary health care stakeholders’ preferences: a decision analytic approach to setting priorities among Louisiana Health Professional Shortage Areas.”

Administrative Residency: Louisiana Department of Health and Hospitals, Office of the Assistant Secretary and State Health Officer, January – December 1991.

ACADEMIC APPOINTMENTS

Associate Professor and Chair, Department of Health Services and Promotion, Sam Houston State University.
August 2014 – Present

Primary teaching responsibility – Undergraduate level courses:

HLTH 1360 Introduction to Health Education and Careers
HLTH 3350 Principles of Public Health
HLTH 4380 Global Health
HLTH 4366 Health Informatics

Assistant Professor, Department of Health Policy and Management, Texas A&M Health Science Center, School of Rural Public Health – McAllen Campus. February 2010 – July 2014.

Primary teaching responsibility – Graduate level courses:

PHPM 605 Introduction to Health Policy and Management
PHPM 614 Strategic Planning and Marketing
PHPM 617 Health Care Quality Evaluation and Utilization Management
PHPM 631 Health Information Management Systems
PHPM 684 Practicum

Shared teaching responsibility – Graduate level courses:

PHPM 639 Global Health

Associate Professor and MPH Program Director. Primary Appointment, Department of Health Informatics, School of Allied Health Sciences. Joint Appointment, School of Medicine and School of Graduate Studies, Medical College of Georgia, Augusta, Georgia, January 1, 2005 – May 31, 2007.

Primary teaching responsibility – Graduate level courses:

IMPH 8000 Computerized Health Information Systems
IMPH 8100 Healthcare Information Requirements & Standards
IMPH 8001 Public Health Informatics
IMPH 8200 Healthcare Data Content & Structure
IMPH 8722 Internship
IMPH 8800 Capstone Course

Assistant Professor, Department of Health Policy and Management, School of Rural Public Health, Texas A&M University Health Science Center, College Station TX 2001 – 2004.

Primary teaching responsibility – Graduate level courses:

PHPM 617 Health Care Quality Evaluation and Utilization Management
PHPM 631 Health Information Management Systems
PHPM 605 Introduction to Health Policy and Management

Shared teaching responsibility:

PHPM 668 Applied Health Services Research I.
Estimation of national statistics from probabilistic sample surveys.
PHPM 669 Applied Health Services Research II
Secondary data sources for health services research

Clinical Assistant Professor, Department of Health Systems Management, School of Public Health and Tropical Medicine, Tulane University Medical Center, New Orleans, Louisiana, 1997 – 2001.

Primary teaching responsibility – Graduate level courses:

HSMG 606 Managerial Aspects of Health and Disease
SMOB 603 Health Status Assessment
EMMM 702 Epidemiologic Analysis for Physician Executives
ESCD 799 Health Outcomes Research
EPID 602 Managerial Epidemiology

Visiting Professor, Faculty of Medicine, Universidad Autonoma de Yucatan, Merida, Mexico. 1995 – Present.
Lectured on current methods to assess health and functional status. Conducted health related quality of life research,

Professor, Social and Preventive Medicine Department, School of Medical Sciences, Universidad Nacional Autonoma de Honduras, Tegucigalpa, Honduras. 1985 – 1987
Lectured on epidemiology and community health development; coordinated second level of preventive medicine for medical students, supervised final year medical students in their rural community health development practices.

ADMINISTRATIVE RESPONSIBILITIES/APPOINTMENTS

Texas A&M Health Science Center

Director, South Texas Center. June 2007 – January 2010. Responsible for advancing the Health Science Center mission of education, research and service to the Texas Lower Rio Grande Valley. Provided administrative and fiscal oversight of Texas A&M Health Science Center facility, personnel, and programs in McAllen Texas.

Georgia Health Sciences University (Former Medical College of Georgia)

Program Director, Master of Public Health, Department of Health Informatics, School of Graduate Studies, Medical College of Georgia, Augusta, Georgia, January 1, 2005 – May 31, 2007.

Provided leadership to the students, faculty, and staff of the Informatics Master of Public Health program. Coordinated CEPH accreditation process. Coordinated academic, research, and community outreach activities of the MPH program. Participated in faculty and student recruitment and development.

Tulane University

Health Outcomes Assessment Coordinator. Tulane University Hospital and Clinic, New Orleans, Louisiana. Department of Medical Affairs. Responsible for development and implementation of health-related quality of life patient assessment, patient and physician satisfaction measurement, and health risk assessment. Periodic reporting of performance improvement information for managerial decision making and accreditation and regulatory agencies. 1994 - 2001

Marketing and Strategic Planning Associate, Tulane University Hospital and Clinic, New Orleans, Louisiana. Department of Marketing and Strategic Planning, Tulane University Hospital and Clinic. Development of information systems to support institutional strategic plan, development of plans of action to operationalize institutional strategic plan, development of surveys to determine awareness, satisfaction, and success of services provided by institutions. Development of strategies for timely decision-making based on environmental analysis of target market. Technical support to computerized telemarketing program, 1991 - 1993.

Research Associate, Tulane University Medical Center, New Orleans, Louisiana. Louisiana Parish Public Health Profiles Project, Office of Public Health, Department of Health and Hospitals, and the Tulane University School of Public Health and Tropical Medicine, Department of Health Systems Management. Developed public health profiles of each parish (county) in the state of Louisiana. Collected data on profile parameters, analyzed profile data, designed presentation of data, and presentation of each profile. Assisted in writing grant proposal, including development of project budget, 1991 – 1992.

Louisiana Department of Health and Hospitals

Health Services Planner, Office of Public Health, Department of Health and Hospitals, New Orleans, Louisiana. Formulated and evaluated in a team approach, public health programs, projects, and policies statewide. Provided technical support to other health services planners in program and project planning and implementation. Developed community participation process for public health advocacy and advisory community roles. Participated as member of Grant Review Committee for the Office of Public Health, 1990 – 1991.

Ministry of Health – Honduras

District Health Officer. Provided leadership and oversight to public health programs and personnel in district of eastern Honduras covering approximately 170,000 people. 1985 – 1987

EXTERNAL FUNDING

<u>External Funding Support</u>	Dates of Project	Percent Effort
Texas Department of State Health Services South Texas Biosecurity and Import Safety Initiative. Lillibridge (PI) Role Col	9/1/2009 – 8/31/2011 Project Direct Costs \$1,000,000	15%
Texas Department of State Health Services Asthma Program Evaluation	6/1/2010 – 8/31/2010 Project Direct Costs \$65,000	85%

<u>External Funding Support</u>	Dates of Project	Percent Effort
Zuniga (PI)		
National Multiple Sclerosis Society Buchanan (PI) US Latinos with Multiple Sclerosis Role Col	6/1/2009 – 5/31/2011 Project Direct Costs \$33,000	5%
Association of Teachers of Preventive Medicine Carrillo Zuniga (PI) Development of Public Health Undergraduate Course	4/1/2006 – 3/31/2007 Project Direct Costs \$10,000	50%
The National Multiple Sclerosis Society Buchanan/Wang (PI) The Long Term Care Needs of People with Multiple Sclerosis. Role Co-PI	9/1/2003 – 6/30/2004 Project Direct Costs \$144,965	15%
RWJ/HRSA Blakely (PI) Evaluation of Integrated Health Outreach Program in Colonias of South Texas. Role Co-I	11/01/2001 – 10/01/2005 Project Direct Costs \$800,000	20%
SRPH/S&W HSR Small Grant Choi (PI) Medication management in Home Health Patients of S&W Health Plan Role Co-I	11/01/2003 0 10/01/2004 Project Direct Costs \$20,000	5%
SRPH/S&W HSR Bolin (PI) Quality of Life of Vascular Surgery patients Role Co-I	9/1/2002 – 8/31/2005 Project Direct Costs \$57,000	5%
HRSA/ORHP Zuniga (PI) Assisted Living Facility Residents and Medication Use, Rural Vs Urban: A national study. Role (PI)	9/1/2002 – 8/31/2003 Project Direct Costs \$55,000	20%
SRPH/S&W HSR Zuniga (PI) Assisted Living Facility Residents, Profiles Of Medication Use: A national study. Role (PI)	9/1/2002 – 8/31/2003 Project Direct Costs \$22,000	5%
HRSA.ORHP Bolin (PI) Disease Management in Rural Areas: Patient Outcomes Role Co-I	9/1/2002 – 8/31/2003 Project Direct Costs \$104,505	20%
HRSA/ORHP Zuniga (PI) Disease Management in Rural Areas: Organizational Issues Role PI	9/1/2001 – 8/31/2002 Project Direct Costs \$98,795	20%
HRSA/ORHP Zuniga (PI) Disease Management in Rural Areas: Organizational Issues Role PI	9/1/2001 – 8/31/2002 Project Direct Costs \$98,795	20%
HRSA/ORHP Gamm (PI) Rural Healthy People 2010 Role Co-I	9/1/2001 – 8/31/2002 Project Direct Costs \$60,882	5%

Committee/Service Assignments

Texas A&M Health Science Center

Member, Faculty Search Committee, four faculty positions in TAMUS McAllen Campus, 2001.

Appointed to spearhead the SRPH application to create a school chapter of Delta Omega, The Honorary Public Health Society. The Alpha Rho Chapter was approved November 2002 at the Annual ASPH/Delta Omega meeting.

Chair, Ibarra Lectureship Committee in International Health (2002 - present). Accomplished successful invitation of Dr. Julio Frenk-Mora, Mexico's Secretary of Health (2002) and Dr. Colin D'Cunha, Ontario's Commissioner of Public Health (2003) to deliver Ibarra Lectureship.

Member, Faculty Search Committee for SRPH South Texas Center. Accomplished four faculty recruitments, 2001 – 2002.

Member, Texas A&M, Evaluation Strategies for the Texas Office of Rural Community Affairs, 2002.

Appointed Member, Texas A&M University System, Texas Association of Chicanos in Higher Education (TACHE), 2001 – 2004.

Member, School-wide Certificate Program Development, 2002 - 2003.

Vice-Chair, SRPH Delta Omega Honorary Public Health Society Chapter, 2003.

Chair, SRPH Delta Omega Honorary Public Health Society Chapter, 2004.

Member Texas A&M Health Science Center Institutional Research Council, 2007 – 2010

Appointed Member. Institutional E-learning Taskforce. 2007 – 2009. Contributed to evaluation of E-learning methods and technologies for university use.

Advisor, TAMU L.T. Jordan Institute, International Service Program. 2004 - Present

Appointed Member, External Evaluation Workgroup of Texas A&M Health Science Center Rural and Community Health Institute.

Member, Texas Cancer Registry Advisory Board, 2009 – Present.

School Representative, Medical Sciences Library Committee. 2011 – present.

Member, Texas Health Commissioner and Public Health Deans HIT Work Group. 2010 – present.

Member, School Strategic Planning Work Group. 2011 – present.

Member, MPH program committee. 2001 – 2004 & 2011 – present

Member, MHA program committee. 2001 – 2004 & 2011 – present

Elected Advisor, Graduate Students of Public Health Association. 2011 – present

Faculty Advisor, Institute for Healthcare Improvement Open School Chapter, SRPH McAllen Campus, 2012 - Present

Georgia Health Sciences University (Former Medical College of Georgia)

Founding Program Director, 2005 – 2007

Chair, Faculty Search Committee for MPH MCG program. Accomplished two faculty recruitments, 2005.

Chair MPH program CEPH accreditation steering committee. 2005 – 2007.

Appointed Member, External Advisory Board of Texas A&M University Center for the Study of Health Disparities. 2005 – 2007.

Appointed Member. University of Southern Mississippi, College of Health Dean's Council. 2005 – 2008.

Appointed Member. Development of Graduate degree in Clinical and Translational Science. 2006 – 2007

Member MCG's Graduate School Council, 2006 – 2007

Member MCG's Graduate Research Day Organizing Committee, 2005 - 2007

Tulane University

Committee Chair, Development of Doctor of Public Health Executive Program, 1996.

Member, Departmental Computer Committee, 1994 – 1997.

Health Outcomes Assessment Coordinator, Department of Medical Affairs, Tulane University Hospital and Clinic, New Orleans, Louisiana. 1994 – 1997.

Member, Louisiana Medicaid Reform and Quality Management Task Force, 1994.

Member, Border Health Academic Consortium, 1996

Permanent Advisor, Health Information and Assessment, Division of Health Information, Louisiana Office of Public Health, New Orleans, Louisiana. 1999 – 2001.

Member, Louisiana-Honduras Academic Alliance, 1999

Member, Departmental Futures Committee, 2000

Member, Louisiana Medical Error Reporting System Task Force, 2000.

Member, Transfer of Honduras Chiquita Brands Health Facilities to Latin-America Child Care, Tulane University, 1999 – 2000.

AWARDS/HONORS

Fulbright Scholarship, 1988 – 1993.

Elected to membership in Eta Chapter, Tulane University School of Public Health and Tropical Medicine of Delta Omega, an honorary public health society, May 1991.

Alumnus of the National Library of Medicine. Fellowship program in Biomedical Informatics at the Marine Biological Laboratory, Summer 2003, Woods Hole, Massachusetts

Nominated Outstanding Faculty Award, School of Graduate Studies, Georgia Health Sciences University 2006-2007

PROFESSIONAL MEMBERSHIP

AUPHA – Member

APHA – Member

PRESENTATIONS AT NATIONAL, REGIONAL AND STATE MEETINGS

Miguel A. Zuniga, MD, DrPH. Evidence-Based Public Health: A Course in Chronic Disease Prevention. Modules: Quantifying the Issue; Developing a Concise Statement of the Issue; and Developing & Prioritizing Program/Policy Options. The National Association of Chronic Disease Directors and the Texas Department of State Health Services. Austin TX. February 25-28, 2014.

Yoon-Ho Seol, PhD, Genny Carrillo-Zuniga, MD, MPH, ScD, Anita Bhat, MD, PhD, and Miguel A. Zuniga, MD., Dr. PH. Exploring the co-occurrence patterns of multiple chronic diseases in the U.S. adult population using association rule discovery. American Public Health Association for the 141st meeting. Boston MA November 2-6, 2013.

Miguel A. Zuniga, M.D., Dr.PH., Yoon Ho Seol, Ph.D., and Genny Carrillo Zuniga, M.D., Sc.D. Harmonizing data dictionaries across all health data collection, sharing, and reporting initiatives. American Public Health Association for the 140th meeting. San Francisco CA October 27-31, 2012.

Yoon-Ho Seol, PhD, Genny Carrillo-Zuniga, MD, MPH, ScD, Purna Mohanty, PhD, and Miguel A. Zuniga, MD., Dr. PH. Effective Segmentation of the U.S. Aging Population to Improve the Delivery of Preventive Health Services. American Public Health Association for the 140th meeting. San Francisco CA October 27-31, 2012.

James A. Mobley, MD, FAAFP, Aldo Martinez, MPH-C, BS, BA and Miguel A. Zuniga, MD, DrPH Incorporating Practicing Physicians into the Public Health Academic Milieu: A successful academican practice learning initiative. APHA 139th Annual Meeting, Washington DC 2011

Yoon-Ho Seol, PhD, Genny Carrillo-Zuniga, MD, MPH, ScD and Miguel A. Zuniga, MD, DrPH Association Rule Mining on National Survey Data: An Analysis of Timely Receipt of Preventive Care or Screening Examinations. APHA 139th Annual Meeting, Washington DC 2011

Miguel A. Zuniga, M.D., Dr. PH. Reflections of Binational Public Health. Border Health & Security Conference. McAllen, Texas. January 24-25, 2011.

Yoon Ho Seol, Ph.D., Genny Carrillo Zuniga, M.D., Sc.D., and Miguel A. Zuniga, M.D., Dr. PH. Satisfaction with Health Care Providers among Elderly Population with Lower Self-Rated Health. American Public Health Association for the 138th meeting. November 6-10, 2010.

Yoon Ho Seol, Ph.D., Genny Carrillo Zuniga, M.D., Sc.D., and Miguel A. Zuniga, M.D., Dr. PH. Assessing Patient-Centered Communication Using Decision Tree Classification. American Public Health Association for the 138th meeting. November 6-10, 2010.

Miguel A. Zuniga, M.D., Dr. PH. Texas Asthma Burden Report. Asthma Coalition of Texas Annual Meeting, Houston, Texas. September 24-25, 2010.

Miguel A. Zuniga, M.D., Dr. PH. Identifying Determinants of Patient Satisfaction across the Continuum of Care: Using Data Mining. Kelsey Research Foundation 10th Annual Health Services and Outcomes Research Conference, Houston, Texas. December 2, 2009.

Miguel A. Zuniga, M.D., Dr. PH. Yoon Ho Seol, Ph.D. Assessing Patient Satisfaction in a Continuum of Health Care Delivery: Measurement, Analysis, and Reporting Methods. Kelsey Research Foundation 10th Annual Health Services and Outcomes Research Conference, Houston, Texas. December 2, 2009.

Yoon Ho Seol, Ph.D., Genny Carrillo Zuniga, M.D., Sc.D., and Miguel A. Zuniga, M.D., Dr. PH. Assessing Subjective and Objective Health in Elderly Adults: Disparity in Health Status. American Public Health Association for the 137th meeting. November 7-11, 2009.

Yoon Ho Seol, Ph.D., Genny Carrillo Zuniga, M.D., Sc.D., and Miguel A. Zuniga, M.D., Dr. PH. Analyzing Temporal Trends in Public Health Topics Using Association Rule Mining. American Public Health Association for the 137th meeting. November 7-11, 2009.

Genny Carrillo Zuniga, M.D., Sc.D., Nelda Mier, Ph. D, Yoon Ho Seol, Ph.D., and Miguel A. Zuniga, M.D., Dr. PH. Home Safety Assessment among households with children in the Texas Rio Grande Valley. American Public Health Association for the 137th meeting. November 7-11, 2009.

Mier N, Carrillo Zuniga G, Seol YH, Villarreal EK, Lawn-Day G, Zuniga MA. Assessing home safety hazards among border older Mexican Americans. The U.S.-Mexico Border Health Association 67th Annual Meeting. El Paso Texas June 3-5 2009

Carrillo Zuniga G, Mier N, Seol YH, Villarreal EK, Lawn-Day G, Zuniga MA. Home Safety Assessment Among Households With Hispanic Children in Texas Rio Grande Valley. The U.S.-Mexico Border Health Association 67th Annual Meeting. El Paso Texas June 3-5 2009

Seol Y, Ferrang C, Carrillo G, Zuniga M. Developing Evidence-Driven Strategies Using Data Mining for Improving Patient Satisfaction. 136rd American Public Health Association Meeting, San Diego CA, 2008

Conkling M, Blakely C, Burdine J. Zuniga M. Population health status in colonias near McAllen, Texas: Can promotoras make a difference in health services utilization. 136rd American Public Health Association Meeting, San Diego CA, 2008

Seol Y, Ferrang C, Carrillo G, Zuniga M. Identifying Determinants of Patient Satisfaction for Improving Evidence-Based Decision Making. 135rd American Public Health Association Meeting, Washington DC, 2007

Kamali V, Fos PJ, Zuniga MA. Disparities in Mortality: Challenges for Public Health. 135rd American Public Health Association Meeting, Washington DC, 2007

Seol Y, Ferrang C, Carrillo G, Zuniga M. Assessing Patient Satisfaction in a Continuum of Health Care Delivery. 134rd American Public Health Association Meeting, Boston MA, 2006

Conkling M, Blakely C, Zuniga M. Household evaluation of an integrated health outreach project targeting colonia residents in Hidalgo County, Texas. 134th American Public Health Association Meeting, Boston MA, 2006

Seol Y, Zuniga M, Carrillo G. Abstract "Assessing the Knowledge Structure of Public Health for Information Retrieval" presented at the 77th Annual Conference of the Georgia Public Health Association, Augusta, GA 2006.

Zuniga M., Carrillo G., Seol Y. Abstract "Population-Based County Health Assessment. Improvement Simulation Using What-If Scenarios" presented at the 77th Annual Conference of the Georgia Public Health Association, Augusta, GA 2006.

Seol YH, Carrillo GT, Zuniga MA. Maximizing Use of Open-Access Mapping Tools and Public Domain Health Care Data: Nursing Home Care Quality in Georgia. GIS in Teaching & Research" Symposium. Athens GA 2006

Zuniga MA. Differences in Four-Year Health Perceptions and Preventive Practices in Border Residents of Hidalgo County, Texas. 3rd National Prevention Summit Innovations in Community Prevention Washington, DC — October 24–25, 2005

Zuniga MA, Carrillo GT and Seol YH. "GIS Application to assess nursing home quality in Georgia." 133rd American Public Health Association Meeting, Philadelphia PA, 2005

Zuniga MA, Carrillo GT, Alexander J and Blakely CH. "Preventive health practices in four isolated communities in countries of the Americas." 133rd American Public Health Association Meeting, Philadelphia PA, 2005

Fos PJ, Jones W and Zuniga MA. "Uses of CPM decision modeling in state and county public health planning in Mississippi: The implications for outcomes measurement and financial analysis and Policy." 133rd American Public Health Association Meeting, Philadelphia PA, 2005

M.C. Tromp and M.A. Zuniga. "A description of body mass index in a population of border children" 132nd American Public Health Association Meeting, Washington DC, 2004.

Fos PJ, Lee JE, Sung JH, Zuniga MA and Amy BW. "Role of quality improvement in disease management: A state-wide tuberculosis control success story." 132nd American Public Health Association Meeting, Washington DC, 2004.

Zuniga MA, Amy BW and Fos PJ, "Mississippi County Public Health Assessment: A Preference-based Approach to Geographical Rankings." INFORMS Operations Research/Management Science Annual Meeting, Denver CO 2004

M.A. Zuniga, C. Blakely and M.C. Tromp. "Household evaluation of an integrated health outreach project targeting Colonia residents in Hidalgo County, Texas." 131st American Public Health Association Meeting, San Francisco, California, 2003.

M.A. Zuniga, M.A. Palma, P.J. Fos and M.R. Medina. "Assessment of Ambulatory Care Performance in Private Physician-owned Medical Practices in Merida, Yucatan, Mexico." The 5th International Conference on the Scientific Basis of Health Services," Washington, D.C., September 2003.

M.A. Zuniga, C.D. Phillips, C. Hawes, M.A. Choi, J. Wilson and C. Cooper. "Drug-to Drug Interactions Among Assisted Living Facility Residents. Ventures, Innovations and Quality in Health Care." The Second Joint U.S. and Canadian Case Mix and Quality Assurance Conference, September 10-13, 2003.

Larry Gamm, Jane N. Bolin, Miguel A. Zuniga and Eric Berger. "Chronic Disease Management Programs: Provider's Perceived Similarities/Differences in Urban and Rural Settings. Academyhealth Annual Meeting, Nashville, Tennessee, June 2003.

Miguel A. Zuniga, Charles Phillips, Catherine Hawes, James Wilson, Maryanne Choi and Charles Cooper. "Medication Use Patterns in Assisted Living Facility Residents: A National Study." Academyhealth Annual Meeting, Nashville, Tennessee, June 2003.

Miguel A. Zuniga, Jane N. Bolin, Larry D. Gamm and Eric Berger. "Perceptions of Physician Leaders of Rural Disease Management Programs." Academyhealth Annual Meeting, Nashville, Tennessee, June 2003.

Peter Fos, Miguel A. Zuniga and Brian W. Amy. "Population-based County Health Assessment: The State of Mississippi Experience." Academyhealth Annual Meeting, Nashville, Tennessee, June 2003.

Jane Nelson Bolin, Larry D. Gamm and Miguel A. Zuniga. "Rural Chronic Disease Management: Selected Outcomes from Five Health Systems Serving Diverse Rural Populations." Academyhealth Annual Meeting, Nashville, Tennessee, June 2003.

Jane N. Bolin, Larry D. Gamm, Miguel A. Zuniga and Eric Berger. "Rural Diabetes Disease Management Programs: Stakeholder Factors Influencing Attainment of Program Success." Academyhealth Annual Meeting, Nashville, Tennessee, June 2003.

M.A. Zuniga, C. Hawes and C.D. Phillips. "ALF Residents: The Clinical Profile and Service Needs. American Geriatric Society Annual Scientific Meeting, May 2003.

M.A. Zuniga, P.J. Fos and G.T. Carrillo. "Appropriateness of a Spanish Version of the Child Health Questionnaire in Rural Honduras." American Public Health Association Annual Meeting, Philadelphia, Pennsylvania, November 2002.

M.A. Zuniga, J.N. Bolin and L. Gamm. "Chronic Disease Management in Rural Areas." Academyhealth Annual Meeting, Washington, D.C., June 2002.

M.A. Zuniga and P. Fos. "Measuring primary health care quality dimensions: how response scales determine optimum outcomes and predictors of quality." American Public Health Association Annual Meeting, Boston, Massachusetts, December 2000.

M.A. Zuniga and P. Fos. "Eliciting Quality of Care Objective Preferences from Primary Care Experts: A Decision Analytic Methodology." Health Services Research 16th Annual Meeting, Chicago, Illinois, June 1999.

M.A. Zuniga and G. Frentz. "Medical Care Value and the Predictive Role of Patient Satisfaction Indicators." Joint Commission on Accreditation of Healthcare Organizations (JCAHO) Annual Meeting, Chicago, Illinois, November 1998.

M.A. Zuniga and G. Carrillo. "Health Status Evaluation with the SF-36 Health Survey for Use in Mexico. A Comparison of Health Status Profiles Among Healthy Adults in 1995 and 1997." Health Services Research 15th Annual Meeting, Washington, D.C., June 1998.

P. Fos, G. Carrillo, OL. White and M.A. Zuniga. "Application of Decision Analysis in Environmental and Public Health Planning." Health Services Research 14th Annual Meeting, Chicago, Illinois, June 1997.

P. Fos, V. Valdmanis and M.A. Zuniga. "Eliciting Values of Stakeholders in HIV Infection Health Care System Development." Health Services Research 14th Annual Meeting, Chicago, Illinois, June 1997.

G. Carrillo, P. Fos, B. Gandek and M.A. Zuniga. "Population-based Health Status Norms," 12th International Meeting of the International Society of Technology Assessment in Health Care, June 1996.

S. Johnson and M.A. Zuniga. "Patient Modeling and Case Management: The Role of Statistical Process Control." The 1996 General Medical Sciences Spring Symposium, St. Louis, Missouri, June 8, 1996.

D.L. Babo, P.J. Fos and M.A. Zuniga. "Patient Satisfaction Surveys: A Performance Assessment of Two Satisfaction Questionnaires." Health Services Research 13th Annual Meeting, Atlanta, Georgia, June 1995.

Zuniga MA. "Community Health Assessment and Research." University Consortium for a Healthier Border Environment Conference, Galveston, Texas, December 1995.

A.H. Butcher, G. Payne, P. Fos and M.A. Zuniga. "Geographic and Racial Variations in Cesarean Section Rates: An Analysis of Medicaid and Vital Statistics Data in Louisiana." Health Services Research 12th Annual Meeting, June 1995.

P. Fos and M.A. Zuniga. "A Method to Assess Primary Care Access." Health Services Research 12th Annual Meeting, Chicago, Illinois, June 1995.

"Primary Health Care Stakeholders' Preferences: A Decision Analytic Approach to Setting Priorities Among Louisiana Health Professional Shortage Areas." Presented at Health Services Research: Implications for Policy, Management and Clinical Practice. 11th Annual meeting of the Association for Health Services Research, San Diego, California, June 12, 1994.

Update on Issues and Policies for Primary Health Care in Louisiana. Louisiana Primary Care Advisory Council Meeting, Baton Rouge, Louisiana, 1994.

PUBLICATIONS IN REFEREED JOURNALS

Buchanan RJ, Johnson O, Zuniga MA, Carrillo-Zuniga G, Chakravorty BJ. Health-related quality of life among latinos with multiple sclerosis. *J Soc Work Disabil Rehabil.* 2012 Dec;11(4):240-57.

Carrillo Zuniga G, Kirk S, Mier N, Garza NI, Lucio RL, Zuniga MA. The impact of asthma health education for parents of children attending head start centers. *J Community Health.* 2012 Dec;37(6):1296-300.

Mobley J, Zuniga MA. Training primary care physicians for local health authority duties in Texas. *Am J Public Health.* 2012 Jul;102(7):e21-6. Epub 2012 May 17.

Carrillo-Zuniga GC, Lucio RL, Seol YH, Garza NI, Zuniga MA, Hernandez D, Harrison W. Outcomes of Community Health Worker intervention with Asthma Education and Healthy Homes curriculum in South Texas Colonias. *Journal of Asthma & Allergy Educators* published online 7 November 2011

Buchanan RJ, Zuniga MA, Carrillo-Zuniga G, Chakravorty BJ, Huang C, Tyry T, Moreau RL, Vollmer T. A Pilot Study of Latinos with Multiple Sclerosis: Demographic, Disease, Mental Health, and Psychosocial Characteristics. *Journal of Social Work in Disability & Rehabilitation.* 10:4, 211-231, 2011

Carrillo Zuniga, G., Kirk S., Hernandez D, Nadeau N., Chong-Menard, B, Lucio, R., Zuniga, M. A Multi-Institutional Collaboration to develop asthma education for school settings in South Texas. Public Health Reports. Vol. 126: No.3:130-144. 2011

Buchanan RJ, Zuniga MA, Carrillo-Zuniga G, Chakravorty BJ, Huang C, Tyry T, Moreau RL, Vollmer T. Comparison of Latinos, African Americans, and Caucasians with Multiple Sclerosis. Ethnicity and Disease. 2010 Autumn;20(4):451-7

Carrillo Zuniga G, Seol, Y., Kirk, S., Hernandez, D., Nadeau, N., Zuniga, M. Impact of Asthma 101 Training on Level of Nursing Students' Knowledge. Journal of Asthma & Allergy Educators. (2010) Vol.1; 138- 143

Carrillo Zuniga, G., Mier N., Seol, Y., Zuniga, M. Use of household safety devices among South Texas Colonia Residents. Texas Public Health Journal. (2010) Vol. 62, Issue 1; 24-27.

Zuniga MA, Carrillo-Zuniga G, Seol YH, Fos PJ. "Multi-Criteria Assessment of County Public Health Capability Disparities." Journal of Health and Human Service Administration, 2009 Vol. 32 No. 3.

Zhang L, Fos PJ, Johnson WD, Kamali V, Cox RG, Zuniga MA, Kittle T. "Body mass index and health related quality of life in elementary school children: a pilot study." Health and Quality of Life Outcomes. 2008 Oct 9;6:77.

Nelda Mier, Anabel Bocanegra-Alonso, Dongling Zhan, Suojin Wang, Steven M. Stoltz, Rosa I. Acosta-Gonzalez, and Miguel A. Zuniga "Clinical Depressive Symptoms and Diabetes in a Binational Border Population." Journal of the American Board of Family Medicine 2008. 21 (3)

Mier N, Bocanegra-Alonso A, Zhan D, Zuniga MA, Acosta RI. "Health-related quality of life in a binational population with diabetes at the Texas-Mexico border." Journal of the Pan American Health Organization. 2008 Mar;23(3):154-163.

Cannon KT, Choi MM, Zuniga MA. "Potentially Inappropriate Medication Use in Elderly Patients Receiving Home Health Care: A Restrospective Data Analysis." American Journal of Geriatric Pharmacotherapy, 2006 Jun;4(2):134-43

Zuniga MA, Buchanan RJ, Chakravorty BJ. "HIV Education, Prevention, and Outreach Programs in Rural Areas of the Southeastern United States." Journal of HIV/AIDS & Social Services. 4(4):29-25 2005

Lee JE, Fos PJ, Sung JH, Amy BW, Zuniga MA, Lee WJ, Kim JC. Relationship of cataract symptoms of preoperative patients and vision-related quality of life. Quality of Life Research. 2005 Oct;14(8):1845-53

Mier N, Piziak V, Zuniga M, Sanchez E, Alonso AB, Acosta Gonzalez RI, Castillo Ruiz O, Ramirez de Leon JA. Establishing successful binational academic collaborations in minority health research. Public Health Reports. 2005 Jul-Aug;120(4):472-5.

P.J. Fos, J.E. Lee, J.H. Sung, M.A. Zuniga, B.W. Amy. "The role of quality improvement in disease management: A statewide tuberculosis control success story." Journal of Public Health Management and Practice. 11(3):222-7, May-Jun 2005.

R.J. Buchanan, R.A. Martin, M. Zuniga, S. Wang, M. Kim. Nursing home residents with multiple sclerosis: comparisons of African American residents to white residents at admission. Multiple Sclerosis, 10(6):660-7, Dec 2004.

P.J. Fos, D.L. Miller, B.W. Amy and M.A. Zuniga. "Combining the benefits of decision science and financial analysis in public health management: a county-specific budgeting and planning model," Journal of Public Health Practice and Management, accepted for publication, 2004.

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LANGUAGES and COUNTRY EXPERIENCE

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