

Erica T. Sosa – Curriculum Vita

Associate Professor

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Primary Areas of Interest

Examine environmental, cultural, and psychosocial contributors to the onset of diabetes and obesity among minority populations. Investigate cultural factors influencing Mexican Americans' perceptions of health programs. Assess built environment correlates of physical activity and dietary behaviors among underserved communities. Implement and evaluate community-based participatory and intervention research. Improve data analysis and psychometrics used in public health research.

Education and Training

Participant, National Research Mentoring Network Proposal Booster Training	2018
Participant, National Research Mentoring Network Proposal Preparation Program	2015-2016
Participant, NHLBI Short Course “Strengthening Causal Inference in Behavioral Obesity Research” at the University of Alabama at Birmingham – School of Public Health	2015
Participant, NIH/NHLBI R25 “PRIDE” (Programs to Increase Diversity among Individuals Engaged in Health-Related Research) Summer Institute on Mentoring Researchers in Latino Health Disparities, San Diego State University, SD, California (J Elder & G Talavera, PI’s).	2011-2012
Participant, Built Environment Assessment Training through the Center for Health Behavior Research, University of Pennsylvania	2011
PhD in Health Education, Texas A&M University, College Station, TX	2006-2009
MS in Psychology, University of Texas at San Antonio	2004-2006
BA in Psychology and Speech Communications, St. Mary’s University, San Antonio, TX	1999-2003

Professional Employment History & Related Experience

Associate Dean for Research, College for Health, Community and Policy	2020-present
Interim Associate Dean for Research, College for Health, Community and Policy	2020
Co-Director, Center for Community Based and Applied Health Research	2018-present
Graduate Advisor of Record, MS in Health and Kinesiology	2017-2019
Certificate Coordinator, Certificate in Applied Health Research, Certificate in Health, Certificate in Community Nutrition	2017-present
Associate Professor, Department of Kinesiology, Health and Nutrition, University of Texas at San Antonio, TX	2015-present
Co-Director, Laboratory of Community Health & Nutrition Research	2014-present
Assistant Professor, Health and Kinesiology Department, University of Texas at San Antonio, TX	2009-2015

Instructor for Biostatistics in Public Health (graduate level course), Health Education and Promotion Network	2007-2009
Doctoral Graduate Assistant, Child and Adolescent Health Research Lab, Health & Kinesiology Department, Texas A&M University	2007-2009
Doctoral Graduate Assistant, Office of Health Informatics, Health & Kinesiology Department, Texas A&M University	2007-2009
Instructor, Introduction to Psychology Psychology Department, Blinn College, Bryan, TX	2009
Doctoral Graduate Assistant, Center for the Study of Health Disparities, Health & Kinesiology Department, Texas A&M University	2007-2008
Evaluation Consultant, San Antonio Wellness Program	2005-2007
Health Promotion Coordinator, Social & Health Research Center and University of Texas Health Science Center at San Antonio	2004-2005
Evaluation Coordinator & Grant Writer, Social & Health Research Center, San Antonio, TX	2003-2006

Awards and Honors

2020	Selected as one of five American Evaluation Association's Minority Serving Institution (MSI) Fellows
2019	Selected to the Texas Academic Leadership Academy through the Texas Council for Chief Academic Officers and Sam Houston State University
2019	Selected as the Next Gen Faculty Fellow (T/TT) for the University of Texas at San Antonio
2018	Ann E. Casey Foundation Fellow. Increasing minorities in culturally sensitive evaluation research and use of Results Based Accountability. PIs: Gabriel Acevedo and Raquel Marquez.
2017-18	Selected to participate in the UTSA Leadership Initiative
2016	Faculty Member of the Year, Department of Kinesiology, Health and Nutrition
2012, 2011	Recognized at UTSA Honors Gala for excellence in promoting academic integrity, intelligent living, and meaningful learning
2011	Selected as one of 8 participants for the Mentoring Researchers in Latino Health Disparities Summer Institute at San Diego State University
2011	Selected as one of 30 participants for the annual Built Environment Assessment Training at the Center for Health Behavior Research, University of Pennsylvania
2011	Received Certification as Master Certified Health Education Specialist (MCHES)
2010	Selected as one of 30 participants for the "Applied Methodologies for Reducing Obesity in Latino Communities" Research Summer Workshop, Inter-University Program for Latino Research
2007	Mexican American and U.S. Latino Research Center (MALRC) Fellowship Recipient, MALRC, Texas A&M University, College Station, TX

- 2006-2009 Diversity Fellowship Recipient, Office of Graduate Studies, Texas A&M University, College Station, TX
- 2007 Initiated into Eta Sigma Gamma National Honors Society (graduate division), Texas A&M University, College Station, TX

Published Manuscripts (* denotes student author)

1. Li, S*., Howard, J. T., **Sosa, E. T.**, Cordova, A., Parra-Medina, D., & Yin, Z. (2020). Calibrating Wrist-Worn Accelerometers for Physical Activity Assessment in Preschoolers: Machine Learning Approaches. *JMIR Formative Research*, 4(8), e16727.
2. Yin, Z., Ullevig, S., **Sosa, E.T.**, Liang, Y., Olmstead, T., Howard, H., Errisuriz, V., Estrada, V., Martinez, C., He, M., Small, S., Schoenmakers, C., Parra-Medina, D. (2019). Study protocol for a cluster randomized controlled trial to test "¡Miranos! Look at Us, We Are Healthy!" - an early childhood obesity prevention program *BMC Pediatrics*
3. **Sosa, E.T.**, Ullevig, S.U., Spitsen, E., Heine, A., Perez, C.* & Kathleen Shields (2019) The San Antonio Sodium Reduction Initiative: Lessons Learned and Recommendations. *American Journal of Health Education*, 3, 200-205.
4. Ullevig, S., **Sosa, E.T.**, Crixell, Uc, & Greenweld. (2018). Impact of Home Delivered Programs on Nutrient Status. *The Journal of Nutrition Health and Aging*.
5. Flores-Peña, Y., He, M., **Sosa, E.T.**, Avila-Alpirez, H., & Trejo-Ortiz, P.M. (2018). Study Protocol: Intervention in Maternal Perception of Pre-school Child Weight in Mexican and Mexican American Mothers. *BMC Public Health*.
6. Ullevig, S., Spitsen, Shields, & **Sosa, E.T.** (2017). Developing Partnerships to Reduce Sodium in Worksite Cafeterias and Congregate Meal Programs. *Texas Journal of Public Health*.
7. **Sosa, E.T.**, Parra-Medina, D., He, M., Trummer, V., & Yin, Z. (2016) Miranos! (Look at Us! We are Healthy!) Home-Based and Parent Peer-Led Childhood Obesity Prevention. *Health Promotion Practice*. DOI: 1524839915623762
8. He, M., **Sosa, E.T.**, Cordova, A., Wilmoth, S., Bustos, D., Perez, A, Yin, Z. (2016) Effects of Healthy Eating Promotion on Food Preference of Head Start Preschoolers. *Journal of Research in Obesity*.
9. Arellano-Morales, L., Elder, J.P., **Sosa, E.T.**, Baquero, B., & Alcantara, C. (2016). Health Promotion among Latino Adults: conceptual frameworks, relevant pathways, and future directions. *Journal of Latina/o Psychology*, 42(2), 83-97.
10. Foster, B. A., Farragher, J., Parker, P., & **Sosa, E. T.** (2015). Treatment Interventions for Early Childhood Obesity: A Systematic Review. *Academic Pediatrics*, 15(4), 353-361.
11. Dolash, K*, He, M, Yin, Z. & **Sosa, E.T.** (2015) Factors that influence park use and physical activity in predominantly Hispanic and low-income neighborhoods. *Journal of Physical Activity and Health*.
12. **Sosa, E.T.**, McKyer, ELJ, Pruitt, B, Goodson, P., Castillo, L.G. (2015). The complexities of childhood obesity: A qualitative study among Mexican American mothers. *Journal of Health Disparities Research and Practice*, 8(3).
13. Smith, M. L., Beaudoin, C. E., **Sosa, E. T.**, Pulczynski, J. C., Ory, M. G., & McKyer, E. L. J. (2015). Motivations, barriers, and behaviors related to obtaining and discussing family health history: A sex-based comparison among young adults. *Frontiers in Public Health*, 3.
14. **Sosa, E.T.**, Biediger-Friedman, L., Shields, K., Spitsen, E, & Pape, K. (2014). Increasing Healthy Choices in the Workplace using ¡Por Vida. *Health Behavior & Policy Review*.1(3):238-246.
15. **Sosa, E.T.**, McKyer, ELJ, Goodson, P., & Castillo, L.G. (2014) Mexican American mothers' perceptions regarding the Childhood Obesity Prevention. *Journal of Research in Obesity*. DOI:10.5171/2014.845124

16. Biediger-Friedman, L., **Sosa, E.T.**, Shields, K., & Shutt, A. (2014). A voluntary approach to improve menu options in restaurants through a local collaborative partnership. *Texas Public Health Association Journal*, 66(1), 11-13.
17. Figueroa, R,* **Sosa, E.T.**, Cordova, A, Wilmoth, S, He, M. & Wu, S. (2014). Health Communication and Obesity Prevention in Hispanic Communities: A Qualitative Exploration of Media's Roles, *Journal of Research in Obesity*.DOI:10.571/2014.722324
18. Smith. M. L., Olubajo, B. A., **Sosa, E. T.**, Miles, T. P., & Ory, M. G. (2013). Physician's perceptions about race-based disparities in HIV treatment. *Health Behavior and Policy Review*, DOI: <http://dx.doi.org/10.14485/HBPR.1.1.4>
19. **Sosa, E.T.**, Biediger-Friedman, L., & Yin, Z. (2013) Lessons learned from training of promotores de salud for obesity and diabetes prevention. *Journal of Health Disparities Research and Practice*, 6(1), 1-13.
20. Castro-Villarreal, F., Saldana, L. & **Sosa, E.T.** (2013). Merging Latina Values with Success in the Academy: The RE@L Story. *Journal of Educational Foundations*, 27(1-2), 31-48.
21. **Sosa, E.T.**, Biediger-Friedman, L. & Banda, M.(2012) Associations between a voluntary menu designation initiative on patron food purchasing behaviors. *Health Promotion Practice*, published online DOI: 10.1177/1524839912469535
22. Yin, Z, Parra-Medina, D, Cordova, A, He, M, Gallion, K, Trummer, V, **Sosa, E.T.**, Wu, X., & Ramirez, A (2012) Miranos! Look at Us, We are Healthy! An Environmental Approach to Early Childhood Obesity Prevention. *Childhood Obesity*,8(5), 429-439.
23. **Sosa, E.T.** (2012) Mexican American mothers' perceptions regarding childhood obesity.: A theory-guided systematic literature review. *Health Education and Behavior*, 39, 396-404.
24. Dickerson, JB, Smith, ML, **Sosa, E.T.**, McKyer, E.L.J. & Ory, M.G. (2012) Perceived risk of developing diabetes in early adulthood: Beliefs about inherited and behavioral risk factors across the life course. *Journal of Health Psychology*,17(2), 285-296.
25. Dickerson, JB, Smith, ML, **Sosa, ET**, McKyer, ELJ, & Ory, M (2012) Perceived responsibility to initiate family health history discussions among college women associated with individuals diagnosed with heart disease *Primary Health Care: Open Access*. <http://dx.doi.org/10.4172/2167-1079.1000109>.
26. Smith, ML, Dickerson, JB, **Sosa, E.T.**, McKyer, ELJ & Ory, MG. (2012) College students' perceived disease risk versus actual prevalence rates. *American Journal of Health Behavior*, 36(1), 96-106.
27. Smith, ML, **Sosa, E.T.**, Tisone, CA & McKyer, ELJ. (2011) Quality Enhancement Groups: A qualitative research method for survey instrument development. *Journal of Health Behavior & Public Health*, 1(1), 15-22.
28. Smith, ML, **Sosa, E.T.**, Hochalter, AK, Covin, J, Ory, MJ & McKyer, ELJ. (2011) Correlates of family health history discussions between college students and physicians: Does family cancer history make a difference? *Journal of Primary Prevention*, 32, 311-322.
29. Smith, M. L., **Sosa, E.T.**, & Ory, M. G. (2010). Physician's perceptions of congressional priorities to improve care for older adults. *American Journal of Health Studies*, 25(1), 31-41.
30. Trevino, R.P., Fogt, D.L., Wyatt, T., Leal-Vasquez, L., **Sosa, E.**, Woods, C. (2008). Diabetes risk, low fitness and energy insufficiency levels among children from poor families. *Journal of American Dietetic Association*, 108(11), 1846 – 1853.
31. Shaw-Perry, M, Horner, C, Treviño, R., **Sosa, E.T.**, Hernandez, I, Bhardwaj, A (2006). NEEMA: A school-based diabetes risk prevention program designed for African-American children. *Journal of the National Medical Association*, 99(4), 368-375.

Articles Under Review

1. Ullevig, S., Heine, A., Spitsen, E., & Shields, K., Uc, E., & **Sosa, E.T.** Targeted Sodium Reduction Initiative Reduces Sodium Availability. Under Review with *Public Health Management and Practice*.

2. Ullevig, S., Heine, A., Spitsen, E., & Shields, K., Uc, E., & **Sosa, E.T.** Sodium Reduction Strategies: A comparative analysis. Under Review with *Journal of the Academy of Nutrition and Dietetics*.

Articles in Progress

1. **Sosa, E.T.**, Ullevig, S., Heine, A., Spitsen, E., Perez, C.*, & Shields, K. Customer perceptions of food items before and following sodium reduction. Planned submission to *The International Journal of Behavioral Nutrition and Physical Activity* in spring 2020.
2. Bahena, S. & **Sosa, E.T.**, Systematic Review of RBA Use in Evaluations. Planned submission spring 2020.
3. Ullevig, S., Lee, K.P*., **Sosa, E.T.** & Yin, Z. Plate Waste Validation Study. Planned submission in spring 2020.
4. **Sosa, E.T.**, Ullevig, S., Johnston, J., Keck, T., Estrada, V., Yin, Z., & Parra-Medina. Familial Correlates of Healthy Growth among Hispanic Preschoolers. Planned submission in spring 2020.
5. **Sosa, E.T.** & Perez, C.* Using RBA in Community-Based and Applied Health Research. Planned submission for spring 2020.

Published Textbooks

Arrellano, L & **Sosa, ET** (2018). *Latina/o Health Practices and Challenges*. Praeger Publishers

Published Abstracts

Sosa, ET, Parra-Medina, D, Adeigbe, R, * Acosta, DL*, Dillon, B*, Escamilla, D*, He, M, Ramirez, A, & Yin, Z (2010). Juntos y Saludables: Outcomes of a peer led approach to obesity prevention for Head Start; *International Journal of Exercise Science: Conference Abstract Submissions*.

Escamilla, D*, Lujan, DL*, Dillon, B*, Adeigbe, R*, Parra-Medina, D, He, M, Ramirez, A, Yin, Z & **Sosa, ET** (2010). Lessons Learned from Juntos Y Saludables Peer-Led Parent Education. *International Journal of Exercise Science: Conference Abstract Submissions*.

Sosa, E.T., Trevino, R.P., Yin, Z, Hernandez, I., Hernandez, A. (2004). Interaction between medical, sociological factors and FCG levels in MA children. *Diabetes Abstract Book: 64th Scientific Sessions*, A426.

Parker, T., Hale, D., Yin, Z., Trevino, R.P., **Sosa, E.T.** (2004). Differences in dietary, fitness and anthropometric values between Mexican-American children with low and high FCG levels. *Diabetes Abstract Book: 64th Scientific Sessions*. A429.

Invited Presentations

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| 2017 | Sosa, E.T. Family Based Approaches to Obesity Prevention. RCMI Translational Science 2017: Innovate, Translate, Collaborate, and Engage – Community. Hosted by the National Institutes of Health. Washington, D.C. |
| 2017 | Sosa, E.T. Engaging Underserved Communities in Diabetes and Obesity Prevention. Texas Association of College and Sports Medicine. Baylor College of Medicine. |

Peer Reviewed Presentations

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| 2019 | Ullevig, S., Spitsen, E., Heine, A., Swientek, A., Shields, K., & Sosa, E.T. Food Categories Impacted by a Local Sodium Reduction Initiative at Worksite and Congregate Site Cafeterias. Presented at the American Public Health Association Conference, Philadelphia. |
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- 2019 Sosa, E., Ullevig, S., Parra-Medina, D., & Yin, Z. Parental Correlates of Healthy Growth. Presented at The Obesity Society Meeting in Las Vegas.
- 2016 Ullevig, S., Spitsen, E., Heine, A., Swientek, A., Shields, K., & Sosa, E.T. Combined Efforts of a Local Government Health Department with Worksite Cafeterias and Congregate Meal Programs to Reduce Sodium Availability in the Food Environment Sodium. Presented at the American Public Health Association Conference, Denver, Colorado.
- 2016 Sosa, E.T., Ullevig, S., Spitsen, E., Heine, A., Swientek, A., & Shields, K. Innovative approaches to reducing sodium in worksites and congregate sites: Opportunities for public health collaborations and solutions. Presented at the American Public Health Association Conference, Denver, Colorado.
- 2015 Ullevig, S., Spitsen, E., Uc, E., & Sosa, E.T. Public Health and Worksite Partnerships Effectiveness on Reducing Sodium in Menu Options for Worksite Patrons. Presented at the American Public Health Association Conference, Chicago, IL.
- 2013 Sosa, E.T., Banda, M & Clear, D. Implementation and evaluation of community planning tools and conceptual frameworks: San Antonio's healthy hubs project. American Public Health Association, Boston, MA.
- 2013 Shields, K., Pape, K & Sosa, E.T. Improving nutrition standards for meals away from home: The San Antonio Por Vida! initiative. American Public Health Association, Boston, MA.
- 2013 Sosa, E.T. Predictors of Hispanic parents' concern of childhood obesity. American Public Health Association, Boston, MA.
- 2011 Smith, ML, Dickerson, JB, Sosa, ET, McKyer, LJ & Ory, MG; Do college students' chronic disease risk perceptions match actual disease prevalence rates in America? American College of Preventive Medicine, San Antonio, TX.
- 2011 Dickerson, JB, Smith, ML; Sosa, ET; McKyer, ELJ; Ory, MG; Taking responsibility for discussing family health history with your physician: Perspectives of college women associated with individuals diagnosed with heart disease. American College of Preventive Medicine, San Antonio, TX.
- 2010 Sosa, ET & Smith, ML. College students' perceived risk for chronic health conditions: Associations of discussing family health history with genetic and behavior factors. American Public Health Association in Denver, Colorado.
- 2010 Sosa, ET, Parra-Medina, D, Adeigbe, R, Acosta, DL, Dillon, B, Escamilla, D, He, M, Ramirez, A & Yin, Z. Juntos y Saludables: Outcomes of a peer led approach to obesity prevention for Head Start. Presented at Texas Obesity Research Conference in Houston, TX.
- 2010 Escamilla, D, Lujan, DI, Dillon, B, Adeigbe, R, Parra-Medina, D, He, M, Ramirez, A, Yin, Z & Sosa, ET. Peer-Led training for Head Start Parent Educators: Lessons learned. Presented at the Texas Obesity Research Conference in Houston Texas.
- 2009 Smith, M.L., Sosa, E.T., Mckyer, E. J., Tisone, C. Quality enhancement groups: Integration of Qualitative and Quantitative methods in survey research of chronic disease. Poster presented at American Public Health Association Annual Meeting. Philadelphia, PA, November, 2009
- 2008 Misra, R., Sosa, E. T., Valdes Ramos, R., Castillo L., Kaufer-Horwitz, M., Benitez, A.D. Differences in health behaviors among Rural Mexicans, Urban Mexicans and Mexican-Americans. Presented at American Public Health Association. San Diego, CA

- 2008 Sosa, E.T., Robinson, T., Karsnia, J., Menn, M., Wagner, K., Waite, L, Henry, M, and Misra, R. Age and Racial/Ethnic differences in pharmacy consumer protective behaviors. American Public Health Association. San Diego, CA, October 26, 2008.
- 2007 Smith, M.L, Sosa, E.T., Arekere, A. Impact of physicians' race/ethnicity on perceptions of health policy priorities for Congress. Oral presentation given at American Public Health Association Annual Meeting. November 2007
- 2007 Misra, R. & Sosa, E. T. Depression, Coping (Social Support and Religiosity) and Quality of Life among Mexican Americans with Varying Blood Sugar Levels. Poster presented at Eta Sigma Gamma session at Society for Public Health Education Meeting. November 2007

Research Grants, Contracts & Agreements

Co-Investigator (Principal Investigator: Zenong Yin) 2017-2022

Obesity Prevention in Head Start: The Miranos! Program; awarded through the National Institutes of Health, \$3,539,070

Research Lead (Principal Investigator: Colleen Bridger) 2018-2023

REACH Healthy Neighborhoods Project; awarded through the Centers for Disease Control and Prevention, \$720,000

Principal Investigator 2015-2016

Nutrition, Fitness, Health and Education Performance Research and Best-Practices Initiative; awarded through the San Antonio Area Foundation \$37,170

Principal Investigator 2015-2016

Evaluation of the San Antonio Diabetes Project; awarded through the City of San Antonio Metropolitan Health District \$22,000

Principal Investigator 2014-2016

Sodium Reduction Initiative Impacts among older adults, worksite employees and Pre-K for SA populations; Contract funded through City of San Antonio Metropolitan Health District \$102,000

Principal Investigator 2015-2016

Using Positive Deviance Approaches to Equip Families for Childhood Obesity Prevention; awarded through the University of Texas at San Antonio Internal Research Awards program \$5,000

Co-Investigator (Principal Investigator: Meizi He) 2014-2017

Building a Healthy Temple: A Cancer Primary Prevention Program amongst Hispanics; awarded through Cancer Prevention Research Institute \$546,000

Co-Investigator (Principal Investigator: Meizi He) 2014-2015

Building a Healthy Temple: A Summer Obesity Prevention Program through Vacation Bible School; awarded through Blue Cross Blue Shield \$126, 780

Co-Investigator (Principal Investigator: Yolanda Flores-Pena) 2014-2016

Intervencion en la Percepcion Materna del Peso del Hijo Pre-escolar con Sobrepeso-Obesidad en Madres Mexicanas y Mexico-Americanas. Estudio Piloto (Intervention to Address Mexican and Mexican American Mothers' Perceptions of Their Overweight-Obese Children); awarded through the Kellogg's Instituto de Nutricion & Salud

Principal Investigator 2014-2015

Evaluation of DreamSA Campaign; Contract funded through City of San Antonio Metropolitan Health District \$40,000

Co-Project Director (Co-Project Director: Zenong Yin) 2013-2014

Miranos! A Home-based promotora-led prevention program of early childhood obesity in a low-income Latino community. Funded through The International Life Science Institute-Research Foundation, Washington DC, \$26,560.

Principal Investigator 2013

Evaluation of Healthy Hubs Initiative; Contract through the Metropolitan Health District \$11,388

Co-Principal Investigator (Co-Principal Investigator: Lesli Biediger-Friedman) 2012

Evaluation of the Por Vida Initiative in Institutional Setting; Contract through the Metropolitan Health District (Co-Principal Investigator) \$25,000

Principal Investigator 2012

Examining Barriers and Protective Factors for Childhood Obesity Prevention; Funded by the College of Education and Human Development at the University of Texas at San Antonio, \$3,845

Principal Investigator 2010

Educating Parents for Childhood Obesity Prevention; Funded by the College of Education and Human Development at the University of Texas at San Antonio, \$4,000

Co-Principal Investigator (Principal Investigator: Lesli Biediger-Friedman) 2010

Evaluation of the Por Vida Restaurant Initiative; awarded through the San Antonio Metropolitan Health District. \$25,000.

Co-Investigator (Principal Investigator: Zenong Yin) 2010

Juntos y Saludables (Get Healthy Together) Head Start Obesity Prevention Study. Funded through the San Antonio Life Sciences Institute, \$250,000.

Co-Investigator (Principal Investigator: Zenong Yin) 2009-2010

Mujeres Interesadas en Cambios por la Salud (MI CASA) Diabetes Prevention Study. Funded through the National Institutes of Health: Diabetes, Digestive, and Kidney Diseases R34 PAR-09-177, \$439,822.

Courses Taught and Teaching Experience

Spring 2018-19	Health Program Evaluation (graduate level)
Fall 2017-2020	Epidemiology (graduate level)
Spring 2017	Community Health (graduate level; 36 students); Health Internship (undergraduate level; 10 students); Capstone Course (undergraduate level; 21 students)
Fall 2016	Epidemiology (graduate level; 34 students); Health Internship (undergraduate level; 10 students); Capstone Course (undergraduate level; 3 students)
Summer 2016	Program Planning, Implementation, and Evaluation (graduate level; 20 students)
Spring 2016	Community Health (graduate level; 30 students); Health Internship (undergraduate level; 21 students); Capstone Course (undergraduate level; 3 students)

Fall 2015	Epidemiology (graduate level; 34 students); Health Internship (undergraduate level; 10 students); Capstone Course (undergraduate level; 3 students); Program Planning, Implementation and Evaluation (undergraduate level; 24 students)
Spring 2015	Community Health (graduate level; 30 students); Health Internship (undergraduate level; 21 students); Capstone Course (undergraduate level; 3 students)
Fall 2014	Epidemiology (graduate level; 30 students); Health Internship (undergraduate level; 30 students); Introduction to Community & Public Health (100 students)
Summer 2014	Introduction to Community & Pubic Health (undergraduate level; 130 students); Health Internship (undergraduate level; 28 students)
Spring 2014	Community Health (graduate level; 38 students); Health Internship (41 students); Introduction to Community & Public Health (undergraduate level; 132 students)
Fall 2013	Epidemiology (graduate level; 35 students); Health Internship (undergraduate level; 36 students), Introduction to Community & Public Health (undergraduate level; 135 students)
Spring 2013	School Health; Health Internship, Intro to Community & Public Health (undergraduate level)
Fall 2012	Epidemiology (graduate) Health Internship, Community Health (undergraduate level)
Summer 2012	Health Internship (undergraduate level; 20 students)
Spring 2012	Foundations of Health Theory; Health Internship Instructor; Community Health (graduate)
Fall 2011	Foundations of Health Theory; Health Internship, Community Health (undergraduate level)
Spring 2011	Foundations of Health Theory, School Health, Health Internship Instructor
Fall 2010	Foundations of Health Theory, Community Health (graduate)
Summer 2010	Foundations of Health Theory
Spring 2010	School Health; Health Internship
Fall 2009	Foundations of Health Theory; Community Health (undergraduate level)

Courses Developed

Summer 2017	Co-Created Graduate Level Online Research Methods for Community & Public Health course
Spring 2017	Co-Created Graduate Level Online Data Management and Descriptive Statistics course

- Co-Created Graduate Level Online Inferential Statistics course
- Summer 2016 Created Graduate Level Online Health Program Evaluation course
- Fall 2015 Created new Undergraduate Capstone course
- Fall 2015 Created new Undergraduate Program Planning, Implementation, and Evaluation course
- Spring 2013 Created new Undergraduate Intro to Community & Public Health course

Faculty Mentorship

- Fall 2018-present Mentor to Junior Faculty Member, Jeffrey Howard
Mentor to Junior Faculty Member from Social Work, Bonita Sharma
- Fall 2016-present Mentor to Junior Faculty Member, Timothy Grigsby

Student Mentorship - Independent Studies

- Fall 2014 Topic: Exploring the Effectiveness of Health Education Campaigns among teenagers in Bexar County
Master's student: Clarissa Mata
- Fall 2012 Topic: Examine associations between diabetes and degenerative mental disorders
Master's student: Rosanne Quintero
- Topic: To assess needs for health promotion among college students
Master's student: Adolph Delgado
- Topic: Grant Writing Skills in Health Research
Master's student: Mari Elizenda Benavidez
- Summer 2012 Topic: Examine diminishing effects of school-based obesity prevention programs summer months
Master's student: Karry Dolash
- Summer 2011 Topic: Assessment of culturally appropriate physical activity programs among Mexican Americans
Master's student: Jennifer Castillo
- Topic: Facilitators and barriers to shared use policies
Master's student: Michael Calderon
- Spring 2011 Topic: Strategies to increase cultural competency in health promotion Master's student: Phillip Ervin
- Fall 2010 Topic: Factors influencing the underutilization of breast cancer screening among Hispanic women
Master's student: Sonja Sanchez
- Topic: Relationship between high school obesity rates and restaurant distribution
Master's student: Kampol Surapiboonchai
- Spring 2010 Topic: Feeding practices utilized among Mexican American mothers, a quantitative analysis
Master's student: Arely Perez
- Topic: Maternal perceptions of dietary recommendations for their children and food purchasing behaviors, a qualitative analysis

Master's student: Desiree Acosta

Student Mentorship - Thesis Committees

- Summer 2019 Member, Shiyu Li's Thesis Committee (Chair: Zenong Yin)
Machine Learning Approaches to Calibrate Wrist-worn Accelerometry for Physical Activity Assessment in Preschoolers
- Summer 2017 Member, Leah Carillo's Thesis Committee (Chair: Meizi He)
Diabetes Self-Management Support Program in Predominately Hispanic Faith Community Settings: A Pilot Study
- Member, Reymundo Mendoza (Chair: Meizi He)
Qualitative Study in the Perception of the Farm to Church Program: A Fruit and Vegetable Delivery Initiative in Predominantly Hispanic Communities
- Spring 2013 Chair, Karry Dolash's Thesis Committee
Factors that influence physical activity and park use in predominantly Hispanic and low income neighborhoods in San Antonio, Texas
- Spring 2012 Member, Summer Wilmoth's Thesis Committee (Chair: Meizi He)
Fruit and Vegetable Consumption and Availability at the University of Texas at San Antonio
- Member, Rebecca Adeigbe's Thesis Committee (Chair: Zenong Yin)
Physical Activity among Women with Low Food Security
- Member, Rosalie Aguilar's Thesis Committee (Chair: Zenong Yin)
The Relationship between Beta-carotene, Alpha-tocopherol, and Vitamin C, Antioxidant Intake, and Excessive Adiposity as measured by Dual Energy X-ray Absorption in U.S. Adults
- Fall 2011 Member, Roger Figueroa's Thesis Committee (Chair: Meizi He)
Perception and Media-related intervention strategies to address obesity among Hispanic communities

Student Mentorship – Dissertation Committees

- 2018 - 2019 Member, Liliana Gutierrez Dissertation Committee (Chair: Mariela Rodriguez)
An Exploratory Analysis of Students' College-Going Attitudes
Role: Assist with methodology and quantitative analysis
- 2018-2019 Member, Kelly Allen Dissertation Committee (Chair: Bruce Barnett)
ESL Students and Statewide Testing Outcomes
Role: Assist with methodology and quantitative analysis

Additional Student Mentorship

- Fall 2014 Site Supervisor for Health Intern
Supervised Sarah Loflin
- Spring 2014 Site Supervisor for Health Intern
Supervised Jenna Andel
Outcomes: Student is attending PA school and is co-author on one paper in progress
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- May-Nov 2013 Exito! Mentor for Ms. Elizenda Benavidez
 Provided mentoring and training in research methodology with a focus on lifestyle factors related to cancer prevention among Hispanics to strengthen Ms. Benavidez’s potential admission into a doctoral level program in Community and/or Public Health
- 2013-present Faculty Advisor for the Health Honors Society at UTSA
 Started a student organization modeled after Eta Sigma Gamma (an honorary for Health students) and mentored students in developing skills related to research, teaching and service
 Outcomes: Students have actively participated in research with the American Diabetes Association and the City of San Antonio Metropolitan Health District
- Spring 2013 Site Supervisor for Health Intern
 Supervised Lindsey Mercado;
 Outcomes: Obtained admission into UTSA KAH graduate program
- Spring 2010 Site Supervisor for Health Intern
 Co-Supervised three interns;
 Outcomes: Interns actively participated in developing and subsequently presented parts of an extensive evaluation of Por Vida! at the Healthy Restaurants Coalition meeting for San Antonio Metro Health and stakeholders

Other Presentations

- 2014 Sosa, E.T. Childhood Obesity. Invited to present at the Texas Association of Community College Teachers
- 2012 Sosa, E.T. & Biediger-Friedman, L. Barriers and Protective Factors to Childhood Obesity Prevention among families in San Antonio, TX. Presented at the University of Texas COEHD Faculty Meeting.
- 2012 Guest Speaker at Exito! conference
 Presented insights and ideas for primarily Hispanic masters-level students to be more competitive for doctoral programs in Hispanic Health Research
- 2011 Krause, J., Sosa, E.T., & Biediger-Friedman, L. Applying, Surviving & Thriving on the Tenure-Track; Presentation given at Texas Association of Health, Physical Education Recreation and Dance Summer Conference in San Marcos, TX
- 2010 Sosa, E.T. & Yin, Z. Educating Parents for Childhood Obesity Prevention. Presented at the University of Texas COEHD Faculty Meeting.
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Service (selected service sample)

Service to the Department of Kinesiology, Health and Nutrition

- 2015-2019 Certificate Coordinator, Certificates of Applied Health Research, Health, and Community Nutrition
Oversaw the development of 12 online courses; developed and routed the proposal for approval to launch the three certificates; worked closely with Online Learning to meet accessibility requirements; worked with college to recruit, admit and support students in the certificates
- 2017-present Graduate Advisor of Record, M.S. in Health and Kinesiology
Chaired the Graduate Committee, developed the system for reviewing applicants more comprehensively; oversaw recruitment, admissions, advising and other support for graduate students across three specializations
- 2013-present Faculty Advisor, The Health Honors Society
Started and advised an honors student organization for health majors, hosted guest speakers, provided learning opportunities for students in health-related research, teaching and service
- 2013-present Coordinator, CHES Workshops and Study Groups
Started and facilitated (a) annual CHES workshops to increase awareness and interest among students who may wish to sit for the Certified Health Education Specialist (CHES) certification and (b) CHES study groups each semester to provide support and study tips to students registered to take the test
- 2013-15 Member, Health & Kinesiology Internship Appeals Committee
Reviewed appeals for students wishing to bypass the internship class and instead take coursework for their degree requirements
- 2013-15 Member, Graduate Committee
Committee reviewed issues related to the graduate program
- 2013-15 Core Curriculum Coordinator
Oversaw data collection for one of the department's core curriculum courses – Introduction to Community & Public Health
- 2013-15 Chair, Strategic Planning Committee
Updated the department's strategic plan
- 2009-11 Chair, Academic Policy and Curriculum Committee
Reviewed undergraduate catalog; identified ways to improve the undergraduate Health curriculum

Service to the College of Education and Human Development

- 2017-present Member, Research & Development Committee
Developed and collected data using an online survey and interviews on faculty perceptions of facilitators and barriers to being an active researcher; co-authored a white paper with results from the Committee's needs assessment and recommendations to support increased research productivity; updated bylaws
- 2011-13 Chair, Ad-hoc Scholarship Committee
Reviewed, scored, and selected undergraduate applications for scholarships

2010-11 Chair, Academic Policy and Curriculum Committee
Reviewed and approved proposals for changes to the undergraduate catalog

Service to the University of Texas at San Antonio

2019-present Chair, Institutional Review Board
Review and approve human subject research for the purpose of protecting the rights and welfare of those subjects

2019-present Co-Director, Center for Community Based and Applied Health Research
Co-developed and oversee Center to facilitate transdisciplinary research across 15 faculty doing work in community based and applied health; Oversees Community Advisory Board and coordinates communication with the external stakeholders

2019-present Member, Scholarship Committee
Reviewed and scored student applications for university-wide scholarships

2018 Reviewer, GREAT seed grants
Reviewed faculty applications for seed funding through the Vice President of Research's office

2017-present Faculty Coach, Dissertation Writing Camp
Held one-on-one consultations with doctoral students to provide feedback and general advice on their dissertation

2013-16 College Representative, Core Curriculum Assessment Committee
Helped identify best data to collect from our classes to evaluate their effectiveness in preparing students

Service to the Community

2019-present Advisory Board Member, Y of San Antonio, TX

2019-present Advisory Board Member, Northside Independent School District Health Advisory

2017-present Member, San Antonio Active Living Council

2017-present Advisory Board Member, Texas Chapter of the American College of Sports Medicine

2010-15 Chair, San Antonio Greenspace Coalition (Formerly Shared Use Coalition)

2011-15 Advisory Board, PE3 Foundation

Service to the Profession

2013-present Associate Editor, Health Behavior and Policy Review

2013-present Review Editor, Frontiers in Public Health
Reviewer for the following journals:
Health Education & Behavior
Journal of Nutrition Education & Behavior
Family & Community Health
American Journal of Health Behavior

Professional Affiliations

American Public Health Association

Certification

Master Certified Health Education Specialist (MCHES) - October 2011 - present

Additional Skills

R (software environment for statistical computing and graphics) proficiency

Moodle (web application for online course development) proficiency

SPSS (statistical software) proficiency

STATA (statistical software) proficiency

AMOS (structural equation modeling software) proficiency

Teleform (scanning software) proficiency

Data Management (i.e., Microsoft Access) proficiency