

BIOGRAPHICAL SKETCH

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NAME Baquero, Barbara	POSITION TITLE Assistant Professor of Community & Behavioral Health		
eRA COMMONS USER NAME (credential, e.g., agency login) bbaquero			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	MM/YY	FIELD OF STUDY
Universidad Rafael Urdaneta, Maracaibo, Venezuela	B.A.	1997	Clinical Psychology
San Diego State University, San Diego, CA	M.P.H.	2005	Health Promotion
San Diego State University/University of California San Diego, San Diego, CA	Ph.D	2010	Health Promotion

A. Personal Statement

I conduct my community and behavioral health research guided by the community-based participatory research principles and the social-ecological framework. The focus of my research has been on reducing and eliminating health disparities for Latinos immigrants in the US through identifying, understanding, implementing and evaluating interventions that incorporate social, cultural and structural factors associated with obesity and chronic disease prevention and control. I have conducted community based and engaged research with Latinos in California, North Carolina and now Iowa. A central part of my research work has focused on addressing health disparities on community food environment to promote healthy eating. I am also one of 10 new faculty members in the Obesity Research and Educational Initiative (OREI), an interdisciplinary and intercollegiate program established to address the prevention and treatment of obesity at the University of Iowa. I am qualified to serve in this role because my training and experience on community based participatory research, and development, implementation and evaluation of community-based intervention research and expertise of community food environment.

B. Positions and Honors

Positions and Employment

1997-98	Clinical Psychology Internship, HIV/STIs Counselor, Zulia State Office of HIV/STV, Venezuela
2000-01	Research Assistant, San Diego Latino Health Partnership, San Diego CA
2001-02	Research Assistant, Veterans Medical Research Foundation, University of California, San Diego, CA
2001-02	Measurement Coordinator, Institute for Behavioral and Community Health, San Diego State University Graduate School of Public Health, San Diego, CA
2002-05	Evaluation Coordinator, Institute for Behavioral and Community Health, University of California, San Diego, CA
2005-07	Program Evaluation Consultant, California Department of Health and Human Services, University of California, San Diego, CA
2006-08	Project Manager, Institute for Behavioral and Community Health, San Diego State University Graduate School of Public Health, San Diego, CA
2008-10	Minority Research Fellow, San Diego Prevention Research Center, San Diego State University Graduate School of Public Health, San Diego, CA
2010-12	Postdoctoral Training Fellowship, Center for Health Promotion and Disease Prevention, University of North Carolina, Chapel Hill, Gillings School of Global Public Health
2012-present	Assistant Professor, Obesity Research and Educational Initiative and the Department of Community and Behavioral Health, College of Public Health, the University of Iowa, Iowa City, IA

Honors

2004	Student of the Year, John Hanlon Award from the Graduate School of Public Health, San Diego State University
2004	Fellowship, Minority Training Institute in Cancer Control Research, University of California at Los Angeles
2008-10	Predocctoral Minority Fellowship, Association of Schools of Public Health, Center for Disease and Control Prevention, Prevention Research Centers
2010	4th Annual Research and Coaching Clinic, New Connections Program, Robert Wood Johnson Foundation, Denver, CO
2011	11th Annual Summer Institute on Randomized Behavioral Clinical Trials, National Heart, Lung and Blood Institute, Warrenton, VA

C. Peer-reviewed Publications (selected from 16 publications)

1. Elder, J.P., Ayala, G.X., Campbell, N.R., Slymen, D., Lopez-Madurga, E.T., Engelberg, M., & Baquero, B. (2005). Interpersonal and print nutrition communication for a Spanish dominant Latino population: Secretos de la Buena Vida. *Health Psychology, 24*(1), 49-57.
2. Ayala, G.X., Baquero, B., Arredondo, E.M., Campbell, N., Larios, S., & Elder, J.P. (2007). Association between family variables and Mexican-American children's dietary behaviors. *Journal of Nutrition Education and Behavior, 39*(2), 62-9.
3. Ayala, G.X., Rogers, M., Arredondo, E.M, Campbell, N.R., Baquero, B., Duerksen, S.C., & Elder, J.P. (2008). Away-from-home food intake and risk for obesity: examining the influence of context. *Obesity (Silver Spring), 16*(5), 1002-8.
4. Ayala, G.X., Baquero, B., & Klinger, S., (2008). A systematic review of the relationship between acculturation and diet among Latinos in the United States: implications for future research. *Journal of the American Dietetic Association, 108*(8), 1330-44.
5. McKenzie, T. L., Baquero, B., Crespo, N.C., Arredondo, E.M., Campbell, N.R., & Elder, J. P. (2008). Environmental correlates of physical activity in Mexican-American children at home. *Journal of Physical Activity and Health, 5*(4), 579-91.
6. Larios, S.E., Ayala, G.X., Arredondo, E.M., Baquero, B., & Elder, J.P. (2009). Development and validation of a scale to measure Latino parenting strategies related to children's obesigenic behaviors: the Parenting strategies for Eating and Activity Scale (PEAS). *Appetite, 52*(1), 166-72.
7. Martinez, S.M., Arredondo, E.M., Perez, G., & Baquero, B. (2009) Individual, social, and environmental barriers to and facilitators of physical activity among Latinas living in San Diego county: focus group results. *Family Community Health, 32*(1), 22-33.
8. Baquero, B., Ayala, G.X., Arredondo, E.M., Campbell, N.R., Slymen, D.J., Gallo, L., & Elder, J.P. (2009). Secretos de la Buena Vida: processes of dietary change via a tailored nutrition communication intervention for Latinas. *Health Education Research, 24*(5), 855-66.
9. Elder, J.P., Arredondo, E.M., Campbell, N., Baquero, B., Duerksen, S., Ayala, G., Crespo, N.C., Slymen, D., & McKenzie, T. (2010). Individual, family and community environmental correlates of obesity in Latino elementary school children. *Journal of School Health, 80*(1), 20-30. quiz 53-5. Erratum in: *Journal of School Health. 2010 Mar; 80*(3), 159.
10. Ayala, G.X., Elder, J.P., Campbell, N.R., Arredondo, E., Baquero, B., Crespo, N., & Slymen, D.J. (2010). Longitudinal intervention effects on parenting of the Aventuras para Niños study. *American Journal of Preventive Medicine, 38*(2), 154-62, doi: 10.1016/j.amepre.2009.09.038.
11. McKenzie, T.L., Crespo, N.C., Baquero, B., & Elder, J.P. (2010). Leisure-time physical activity in elementary schools: analysis of contextual conditions. *Journal of School Health, 80*(10), 470-7, doi: 10.1111/j.1746-1561.2010.00530.x.
12. Crespo, N.C., Elder, J.P., Ayala, G.X., Slymen, D.J., Campbell, N.R., Sallis, J.F., McKenzie, T.L., Baquero, B., & Arredondo, E.M. (2012). Results of a multi-level intervention to prevent and control childhood obesity among Latino children: The Aventuras Para Niños Study. *Annals of Behavioral Medicine, 43*(1), 84-100.
13. Ayala, G.X., Baquero, B., Laraia, B.A., Ji, M., & Linnan, L. (2013). Efficacy of a store-based environmental change intervention compared with a delayed treatment control condition on store customers' intake of fruits and vegetables. *Public Health Nutrition. Apr. 8, 1-8. [Epub ahead of print].*
14. Baquero B, Goldman S, Muqueeth S, Fitzgerald A, Eng E, Siman F, Rhodes S.D. Mi Cuerpo, Nuestra

Responsabilidad: Using Photovoice to describe the assets and barriers to reproductive health among Latinos in North Carolina. *Journal of Health Disparities Research and Practice*. (in press).

15. Baquero B, Ayala GX, Linnan L, Laraia B. Process Evaluation of Vida Sana Hoy y Mañana an environmental intervention in Latino grocery stores. *Health Promotion Practice*. [Epub ahead of print] (DOI: 10.1177/1524839913520546).

D. Research Support

Ongoing Research Support

1 U48 DP001902 Parker (PI) 03/01/10-09/29/19

Centers for Disease Control and Prevention

The University of Iowa Prevention Research Center for Rural Health

Role: Co-Investigator

Major Goals: To develop and evaluate a community-based program in the area of nutrition and exercise to reduce BMI in rural lowans through the establishment of the Prevention Research Center.

Pilot Project: Exploring and understanding social networks of community-based organizations associated with healthy eating and active lifestyle among Latinos in Ottumwa, IA Baquero (PI) 03/01/13-09/01/14

Major goal of this pilot project is to explore the social networks of community-based organizations that Latinos access in Ottumwa, Iowa and to demonstrate how these networks can be part of community-based interventions.

Completed Research Support

Centers for Disease Control and Prevention Baquero (PI) 2008-2010

Association of Schools of Public Health/ Prevention Research Center

Major Goal: To investigate the social, cultural and ecological influences on obesity related health indicators among Mexican/Mexican Americans along the U.S.-Mexico border in Southern California