

Rebecca L. Palacios, Ph.D
Curriculum Vitae

Personal Data:

Address:

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Department of Public Health Sciences
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Degrees:

Ph.D. 2006, University of Texas at El Paso (Health Psychology)

M.A. 1989, University of Texas at El Paso (Experimental Psychology)

B.S. 1986, University of Texas at El Paso (Psychology)

Awards:

Recognition for Excellence in Research, NMSU CHSS, 2013, 2014
Con Alma Health Foundation - Hero of Health Recipient 2012
Minority Predoctoral Fellowship (NIH)—1995 to 1999
Minority Biomedical Research Society (MBRS) —1986 to 1989
Minority Access to Research Careers (MARC)—1985

Positions Held:

2014 to Present: Associate Professor, Department of Public Health Sciences,
New Mexico State University

2008 to 2014: Assistant Professor, Department of Public Health Sciences,
New Mexico State University

2004 to 2008: Vice President/Director of Research, Border Research Solutions,
El Paso, Texas

2001 to 2004: Research Associate, Border Research Solutions, El Paso, Texas

Positions Held (continued):

- 2000 to 2001: Research Assistant, Center for Institutional Evaluation, Research, and Planning, University of Texas at El Paso
- 1995 to 2000: Lab Director, Stress Psychophysiology Laboratory, Department of Psychology, University of Texas at El Paso
- 1991 to 1992: Research Technician/Supervisor, Department of Psychology, University of Texas-Southwestern Medical Center at Dallas
- 1989 to 1991: Research Technician/Supervisor, Psychobiochemistry Laboratory, Department of Psychology, University of Texas at El Paso

Funded Grants/ Projects:

- 2014 National Cancer Institute, NIH, Administrative Supplements to Support Assessment of Community Outreach Activities of the Community Networks Program Centers (CNPC) and Comprehensive Partnerships to Advance Cancer Health Equity (CPACHE) Programs. 9/01/2014 to 8/31/2015. PI: Mary O'Connell Co-PI: Palacios. Funded: \$99,996.
- 2014 National Cancer Institute, NIH, Administrative supplements for NON CHE to Partnership for the advancement of cancer research: NMSU-FHCRC. 9/01/2014 to 8/31/2015. PI: Mary O'Connell Co-PI: Palacios. Funded: \$64,354.
- 2013 National Cancer Institute, NIH, Administrative Supplement to Expand NCI Supported Community Outreach Capacity through Community Health Educators (CHE's) of the National Outreach Network for the parent U54 grant. 9/01/2013 to 8/31/2014. PI: Mary O'Connell Co-PI: Palacios. Funded: \$42,956.
- 2013 National Institutes of Health, U54 Grant for Addressing Cancer Health Disparities in NM and the Border Region, a collaboration between NMSU (PI: Mary O'Connell) and Fred Hutchinson Cancer Research Center (PI: Beti Thompson). Lead for *Cancer Outreach Core of the U54 Grant*: Rebecca Palacios. **Funded** 5 year grant, 9/1/13 to 8/31/18. Outreach Core alone: \$848,505
- 2013 National Institutes of Health, U54 Grant for Addressing Cancer Health Disparities in NM and the Border Region. NIH through ACES. Cancer Outreach Pilot. Pilot PI: Rebecca Palacios. **Funded** Grant period: 2/1/13 to 8/31/13, \$75,499.
- 2012 Environmental Protection Agency, Point of Use Drinking Water Treatment in the Paso del Norte Region (83517901). Co PI: R. Palacios. **Funded** three year grant; 12/1/11 to 11/30/14, \$498,906.
- 2012 Paso del Norte Health Foundation, Improving Mexican American Family Fruit and Vegetable Purchases & Consumption. Co PI: R. Palacios. **Funded** three year grant; 8/1/2012 to 1/31/2014, \$157,934.

Funded Grants/ Projects (continued):

- 2012 Assessment for Youth for Action's SHOUT Anti-tobacco Program. Katherine Arneson, Program Director. **Funded:** \$2,000
- 2010 CHSS MiniGrant for Non-Tenured Faculty. Behavior Specific Motivational Tendencies: A Validation Study. **Funded** (7/1/2010 to 6/30/2011), \$5,000.
- 2009 Rising Star Award, New Mexico State University. The Relation of Eating Behaviors & Physical Activity to Appetitive/Avoidance Tendencies. **Funded** (7/1/2009 to 6/30/2010); \$3000.
- 2008 Choices Two Should Know. Paso del Norte Health Foundation. 1 year grant: \$226,974.20. Author of Evaluation Component and program objectives. **Funded** Program Evaluation Subcontract: \$39,522.55 Evaluator: Palacios

Funded Projects Prior to NMSU Employment

- 2006-07 Program Evaluator, Recruiting Pharmacists from Underserved Populations (RPhUP); Texas Higher Education Coordinating Board Grant awarded to Pharmacy Coop; College of Health Sciences, University of Texas at El Paso. 1 yr Subcontract for Evaluation: Palacios; Total: \$18,750
- 2005-08 BASICS: Screening and Brief Intervention for UT El Paso College Students. University of Texas at El Paso, Department of Public Health Sciences. SAMHSA Funded 3 year grant; \$1,326,178 total costs. [TI17155] Author of Evaluation Component. 3 yr Evaluation Subcontract: Palacios; Total: \$202,027
- 2005-08 Worth the Wait. El Paso City-County Health and Environmental District. Title V Population-based Services, Texas Department of State Health Services [CHS/POP-0190.1]. **Funded** 3 year grant: \$265,830/year. 3 year evaluation subcontract: Palacios; Total: \$128,745
- 2005 Encuentros Lead Study. University of Texas at El Paso, Department of Clinical Sciences. 1 year subcontract for evaluation of Encuentros Binational Partnership: Palacios; Total: \$9,499
- 2005 Environmental Health Assessment in Vado and Mesquite, New Mexico. New Mexico Department of Health, Border Health Office (Mr. Dan Reyna). Subcontract for a needs assessment: Palacios; Total: \$20,000
- 2004-06 West Texas HIV Planning Area Needs Assessment. Subcontract to Planned Parenthood Administration for a needs assessment: Palacios; Total: \$20,000
- 2003-05 ALERT El Paso: Substance Abuse Prevention for Abused and Neglected Hispanic Youth in Protective Custody. University of Texas at El Paso, Department of Public Health Sciences. Texas Higher Education Coordinating Board. **Funded** 21-month grant; \$294,809 total costs. [MHGP-MT08] Subcontract for Evaluation (2 yrs): Palacios; Total: \$41,000

Funded Projects Prior to NMSU Employment (continued)

- 2003-04 Virtual Learning Study at Job Corps. Contracted by Department of Labor, National Office. Lead Program Evaluator: Palacios, Total: N/A
- 2002-05 Substance Abuse and Mental Health Services Administration (SAMHSA). Co-authored grant for the 65th District Court Family Drug Court Program. **Funded:** Three-year duration: \$1, 200, 000 total costs [Grant 1 H79 TI14289-01]. Subcontract for Evaluation: Palacios; Total: \$65,000
- 1999-03 National Institutes of Mental Health, Minority Research Infrastructure Support Program. *Relation of Family History to Cardiovascular Reactivity to Stress Among Hispanics*. **Funded:** Four-year duration; \$423,817 total costs. [MH 47167-07] Contribution to all phases of grant preparation and writing.
- 1995-99 National Institutes of Health, Minority Predoctoral Fellowship Award. **Funded:** Four-year duration; \$48,032 total costs. [HL 09481]

Grants Submissions in 2015:

- 2015 Patient Centered Outcomes Research Institute (PCORI). Physician and Health Educators Partnering to Address Overweight/Obesity in Primary Care (Submitted February 17, 2015). PI: Palacios; Co-PI: Patrick Leung. Not funded.

Peer Reviewed Publications:

Gilbert, A., McDonald, J., **Palacios, R.**, and de la Rosa, I. (submitted May 5, 2015). Influences on fertility behavior among pregnant or recently pregnant women in two contiguous US-Mexico border communities. *Women and Health*. Manuscript ID WWAH-2015-0093

Oushy, M., **Palacios, R.**, Holden, A., Ramirez, A., Gallion, K., and O'Connell, M. (Submitted to PLoS ONE in May 2015) Researchers' Attitudes toward Sharing Biospecimens or Biospecimen Data: Findings from a Regional Survey.

Tomaka, J., **Palacios, R.**, Morales-Monks, S., (submitted March 25, 2015). Development and Validation of an Instrument that Assesses Threat and Challenge Appraisal Tendencies. Submitted to *Anxiety, Stress, & Coping*. (GASC-2015-0079)

Sanchez, J., **Palacios, R.**, Cole, A., and O'Connell, M. (2014). Evaluation of the walk-through inflatable colon as a colorectal cancer educational tool: Results from a pre and post research design. *BioMed Central (BMC) Cancer*, MS: 1988309183111261.

Young, M., Denny, G., Penhollow, T., **Palacios, R.** and Morris, D. (2013) Hiding the Word: Examining the Relationship between a New Measure of Religiosity and Sexual Behavior. *Journal of Religion and Health*. Manuscript number: JORH-D-13-00090R1

Sanchez, J., **Palacios, R.**, Thompson, B., Martinez, V., and O'Connell, M. (2013). Assessing colorectal cancer screening behaviors and knowledge among at-risk Hispanics in Southern New Mexico. *Journal of Cancer Therapy*, 4, 15-25.

Peer Reviewed Publications (continued):

Young, M., **Palacios, R.**, and Penhollow, T. (2013). Measurement and Design Issues in the Study of Adolescent Sexual Behavior and the Evaluation of Adolescent Sexual Health Behavior Interventions. *American Journal of Sexuality Education*, 7(4), 429-444.

Palacios, R., Kittleson, M., and Rodriguez-Herrera, J. (2012). Obesity in the 51st State. *Health Education Monograph Series*, 29(1), 22-30.

Tomaka, J., **Palacios, R.**, Morales-Monks, S., and Thompson, S. (2012). An Evaluation of the BASICS Alcohol Risk Reduction Model among Predominantly Hispanic College Students. *Substance Use and Misuse*, 47, 1260-1270.

Morales-Monks, S., Tomaka, J., **Palacios, R.**, and Thompson, S. (2010). Relationship of Alcohol Expectancies and Sexual Sensation Seeking to Sexual Victimization in Women and Men. *Journal of Substance Use and Misuse*, Vol. 45, 2258-2280.

Tomaka, J., **Palacios, R.**, and Thompson, S. (2006). The Relation of Social Isolation, Loneliness, and Social Support to Disease Outcomes among the Elderly. *Journal of Aging and Health*, 18(3), 359-384.

Schneider, K. T., Tomaka, J., & **Palacios, R.** (2001). Women's Cognitive, Affective, and Physiological Reactions to a Male Co-worker's Sexist Behavior. *Journal of Applied Social Psychology*, 31(10), 1995-2018.

Tomaka, J., **Palacios, R.**, Schneider, K. T., Colotla, M., Concha, J. B., & Herral, M. M. (1999). Assertiveness predicts threat and challenge responses to potential stress among women. *Journal of Personality and Social Psychology*, 76, 1006-1021.

Tomaka, J., **Palacios, R.**, & Concha, J. B. (1998). The effects of repeated occlusion measurement on blood pressure and pulse rate. *International Journal of Psychophysiology*, 30, 353-358.

Tomaka, J., & **Palacios, R.** (1997). Motivational systems and stress-related cardiovascular reactivity. *Motivation and Emotion*, 21, 275-296.

Pacheco, G., **Palacios-Esquivel, R.** and Moss, D. E. (1995) Cholinesterase inhibitors proposed for treating dementia in Alzheimer's disease: Selectivity toward human brain acetylcholinesterase compared to butyrylcholinesterase. *Journal of Pharmacology and Experimental Therapeutics*, 274, 767-770.

Palacios-Esquivel, R., Pacheco, G. And Moss, D.E. (1993). Methanesulfonyl fluoride (MSF) blocks scopolamine-induced amnesia in rats. *Neurobiology of Aging*, 14, 93-96.

Moss, D. E., Kobayashi, H., Pacheco, G., **Palacios, R.** and Perez, R.G. (1988). Methanesulfonyl Fluoride: A CNS selective cholinesterase inhibitor. In E. Giacobini and R. Becker (Eds.): *Current Research in Alzheimer Therapy*, 305-314. Taylor & Francis Publishing.

Other Publications and Reports:

Palacios, R. (2014). Youth for Action SHOUT: A Tobacco Prevention Program Assessment of Participants' Tobacco Beliefs and Practices. Families and Youth, Inc (FYI)

Palacios, R. (2009). Choices Two Should Know: Program Evaluation Report. Prepared for the El Paso City's Department of Public Health and the TDSHS.

Palacios, R. (2008). Worth the Wait: Program Evaluation Report. Prepared for the El Paso City's Department of Public Health and the Texas Department of State Health Services.

Palacios, R. (2006). Needs and barriers encountered by the HIV/AIDS population living in the West Texas HIV Planning Area (WTPA). Prepared for Planned Parenthood Administrative Offices, El Paso, TX. <http://www.panwest.org/PDF/need/06WestTXNeeds.pdf>

Palacios, R. and Pizana, A. (2005). Environmental Health Assessment: Effects of Industry in Vado, NM. Prepared for the Border Health Office, New Mexico Department of Health. http://nmborderhealth.org/documents/Vado_Env_Health_Assess_complete.pdf

Palacios, R. and Pizana, A. (2005). Environmental Health Assessment: Effects of Industry in Mesquite, NM. Prepared for the Border Health Office, New Mexico Department of Health. http://nmborderhealth.org/documents/Mesquite_Env_Health_Assess_complete.pdf

Palacios, R., and Clark, T. (2004). Virtual Learning in Job Corps: A Study in Support of the High School Diploma Initiative. Prepared for the U.S. Department of Labor.

Palacios, R. (2002). Farmworker Health: Obstacles to Better Living and Working Conditions. Prepared for the Border Health Office, New Mexico Department of Health.

Palacios, R., & Tomaka, J. (1999). Geriatric White Paper. Paso del Norte Health Foundation, Border Health Research Center.

New Manuscripts in Preparation:

Armijillo, E., and **Palacios, R.** (in preparation) Health Needs Assessment of Native American Students at a State University.

Gutiérrez-Casale, M., Beeman, E., Lovas, M, Vaquera, C., Rodriguez, M., Sanchez, J., O'Connell, M. and **Palacios, R.** (in preparation) Cultural Adaptation of The Inflatable Colon Tour to Promote Colorectal Cancer Screening among Hispanics

Sondgeroth, K., Tomaka, J., Shamaley, A. and **Palacios, R.** (in preparation) College Students' Body Perceptions and Their Relation to Lifestyle Behaviors

Palacios, R., Jackson, M. & Tomaka, J., (in preparation). Predicting Risk Behaviors in Hispanic College Students: A Motivational Approach

Palacios, R., Jackson, M., Sanchez, J., and Tomaka, J. (in preparation). The Eating Motives Inventory (EMI): A Validation Study

Published Abstracts (Peer Reviewed):

Palacios, R., Sanchez, J., Gutiérrez-Casale, M., Beeman, E., Lovas, M., Vaquera, C., Rodriguez, M., and Sondgeroth, K. Program Evaluation of a Culturally Tailored CRC Education Program for Hispanics. Submitted to 2015 International Cancer Education Conference (ICEC ID # 135), Tucson, AZ, October 21-23, 2015.

Sondgeroth, K., **Palacios, R.**, Tomaka, J. and Shamaley, G. College Students' Body Perceptions and Their Relation to Lifestyle Behaviors. Presented at 36th Annual Meeting & Scientific Session of the Society of Behavioral Medicine, San Antonio, TX, April 22-25, 2015.

Gutierrez-Casale M, Sanchez J, Beeman, E., **Palacios, R.**, O'Connell M. Cultural adaptation of the Inflatable Colon to promote colorectal cancer screening among Hispanics. Presented at the 36th Annual Meeting & Scientific Session of the Society of Behavioral Medicine, San Antonio, TX, April 22-25, 2015.

Sanchez, J., **Palacios, R.**, Briant, K., Carosso, E., O'Connell, M., & Thompson, B. (2014). Abstract A59: The inflatable colon is a unique tool for educating people about colorectal cancer in New Mexico and Washington states. *Cancer Epidemiology Biomarkers & Prevention*, 23(11 Supplement), A59-A59.

Gutierrez-Casale M, Sanchez J, Briant K, **Palacios R**, O'Connell M, Thompson B.. Using Cancer 101 to increase cancer knowledge among public library staff and community health liaisons in Southern New Mexico and West Texas [Abstract]. International Cancer Education Conference: Building Global Bridges, Providing Quality Cancer Education. Clearwater Beach, Florida, October 24, 2014.

Armijillo, E., **Palacios, R.**, Sanchez, J. Health Needs Assessment of Native American Students at New Mexico State University. Accepted for oral presentation at International Cancer Education Conference: Building Global Bridges, Providing Quality Cancer Education, Clearwater Beach, FL, October 24, 2014, Abstract 0093.

Campos-Flores, I., Walker, W.S., Santiago, I., Walton, J., Tomaka, J., **Palacios, R.** Developing A Sustainable POE/POU Water Treatment System For Households Without Basic Infrastructure In The United States. Accepted for presentation at 2014 Annual Conference & Exposition of the American Water Works Association, Boston, MA, June 8-12, 2014, Abstract 41624.

Palacios, R., Somuri, S, Tomaka, J. and Shamaley, G. Weight Management Practices in College Students and Their Underlying Eating Motives. Accepted for presentation at 35th Annual Meeting & Scientific Session of the Society of Behavioral Medicine, Philadelphia, PA, April 26, 2014, D-093.

Palacios, R., Tomaka, J., Torres, A., Garcia, L., Campos-Flores, I., Santiago, I., Walker, W.S., and Walton, J. Colonia Residents' Perceptions of Water Quality in Dona Ana, NM and El Paso, TX. Accepted for presentation at 35th Annual Meeting & Scientific Session of the Society of Behavioral Medicine, Philadelphia, PA, April 25, 2014, C-131.

Published Abstracts (Peer Reviewed): continued

Palacios, R., Torres, A., Payne, C., and Niculescu, M. Fruit and Vegetable Purchasing and Consumption Patterns In Low Income Mexican-American Families. Accepted for presentation at 35th Annual Meeting & Scientific Session of the Society of Behavioral Medicine, Philadelphia, PA, April 23, 2014, A-087.

Sanchez, J, **Palacios, R.**, Briant, K., Carosso, E., O'Connell, M., & Thompson, B. The Inflatable Colon is a Unique Tool for Educating People about Colorectal Cancer in both New Mexico and Washington State. American Association for Cancer Research, The Science of Cancer Health Disparities, December 6-9, 2013, Atlanta, Georgia.

Somuri, S., **Palacios, R.**, Tomaka, J. and Shamaley, G. Weight Management Practices in College Students and Their Underlying Eating Motives. Presented at the 1st Annual BIOMED Symposium on October 26, 2013, El Paso, TX.

Sanchez, J, **Palacios, R.**, O'Connell, M. Assessing a walk-through inflatable colon as an effective tool for colorectal cancer prevention education. The International Cancer Education Conference, September 18-21, 2013, Seattle, Washington.

Campos-Flores, I., Walker, W.S., Santiago, I., Walton, J., Tomaka, J., **Palacios, R.** Point of Use and Point of Entry Water Treatment Units for Colonias in the Paso del Norte Region. Accepted for presentation at 2013 3rd International Congress on Sustainability Science and Engineering (ICOSSE), Cincinnati, OH, August 11-15, 2013.

Payne, C.R., Niculescu, M., Just, D., **Palacios, R.**; Reynolds, R. Increasing WIC grocery store purchases in the Paso Del Norte Region. U.S.-Mexico Border Obesity Prevention Summit. July 2013. McAllen, Texas.

Oushy, M., **Palacios, R.**, O'Connell, M., Holden, A., Vilchis, L., Gallion, K., Vilchis, H., and Ramirez, A. Barriers to sharing biospecimens or biospecimen data among researchers: Qualitative findings from a regional survey. 7th Annual Research Colloquium of the Texas Tech University Health Science Center-Paul L. Foster School of Medicine, April 30, 2013, El Paso, TX.

England-Kennedy, E. and **Palacios, R.** Preparation and Experiences of Mental Health Treatment Guardians (MHTG) in New Mexico. NMPHA – UNM National Health Disparities 2013 Joint Conference: "Disparity to Equity—Strategies to Solutions," April 18-19, 2013, Albuquerque, NM.

Campos-Flores, W.S. Walker, I. Santiago, J. Walton, J. Tomaka, R. Palacios. Comparison Methodology for Selecting Point of Use Drinking Water Filtration Systems for Colonias in the Paso Del Norte Region, Texas Water 2013, Texas AWWA and WEAT, Galveston, TX.

Oushy, M., **Palacios, R.**, O'Connell, M., Holden, A., Vilchis, L., Gallion, K., Vilchis, H., and Ramirez, A. Barriers to sharing biospecimens or biospecimen data among researchers: Qualitative findings from a regional survey. Annual Meeting of the American Association for Cancer Research, Washington, D.C., April 6 – April 10, 2013. *Abstract 1370.*

Published Abstracts (Peer Reviewed): continued

Palacios, R., Defibaugh-Chavez, S., and Somuri, S. Do Religious Commitment and Behavioral Motivational Tendencies Mediate Difference in Risk Behavior Engagement among Different Racial/Ethnic Groups? 34th Annual Meeting & Scientific Session of the Society of Behavioral Medicine, San Francisco, CA. March 22, 2013, C-183. *Annals of Behavioral Med.*

Campos-Flores, I., Walker, W.S., Santiago, I., Walton, J., Tomaka, J., **Palacios, R.** Selection and Evaluation of Point of Use Drinking Water Filtration for Colonias in the Paso del Norte Region. Membrane Technology Conference and Exposition 2013, Proceedings, San Antonio, TX, February 25-28, 2013.

Sanchez, J., **Palacios, R.** and O'Connell, M. (2012). Assessing Colorectal Cancer Screening Behaviors and Knowledge among At-Risk Hispanics in Southern New Mexico. Presented at the American Association for Cancer Research. *Molecularly Targeted Therapies: Mechanisms of Resistance.* May 9-12, 2012, San Diego, CA.

Palacios, R., Sanchez, J., and Jackson, M. (2012). The Physical Activity Motivational Survey (PAMS): A Validation Study. 33rd Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine. New Orleans, LA, April 13, 2012.

Palacios, R., Jackson, M., and Sanchez, J. (2012). Validation of the Eating Motives Inventory. 33rd Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine. New Orleans, LA, April 11, 2012.

Tomaka, J. **Palacios, R.**, Gomez, & Reyes, F. (2012). Relation of Eating-Related Motives to the Big Five Personality Dimensions. 33rd Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine. New Orleans, LA, April 13, 2012.

Tomaka, J., Morales-Monks*, S., **Palacios, R.**, & Servo*, D. (2012, March). Mediators of Behavior Change in a Brief Intervention for Alcohol Misuse. To be presented at the Annual Meeting of the American Academy of Health Behavior, Austin, TX.

Tomaka, J., **Palacios, R.**, and Morales-Monks, S. (March 2012). An evaluation of the BASICS Alcohol Risk Reduction Model Among Predominantly Hispanic College Students. *Presented at 2012 Annual Meeting of the American Academy of Health Behavior, Austin, TX.*

Penhollow, T., Young, M., **Palacios, R.**, and Perez, J. (2012). Impact of the Health Belief Model on Tobacco Use. 2012 Research Consortium Conference of the AAHPERD National Convention and Exposition, Boston, MA.

Young, M., Penhollow, T., and **Palacios, R.** (January, 2012). Measurement and Design Issues in the Study of Adolescent Sexuality and the Evaluation of Sexuality/Abstinence Education Programs. The 3rd Annual International Conference on the Health Risks of Youth. Health Advocates, LLC. San Juan, Puerto Rico.

Gray, L., Mortenson, L., Gutierrez, M., and **Palacios, R.** (September 30, 2011). Weight Status of NMSU College Students Relative to the General Border and U.S. Populations. Annual Meeting of Paso Del Norte SOPHE, El Paso, TX.

Published Abstracts (Peer Reviewed): continued

Sanchez, J. and **Palacios, R.** (2011). Relationships between motivational systems and physical activity, body composition and blood pressure. SOPHE-NACDD 2011 Joint Academy & Midyear Scientific Meeting. Albuquerque, NM, May 1-4, 2011.

Tomaka, J., **Palacios, R.**, and Morales-Monks, S. (2011, April). An Evaluation of the BASICS Alcohol Risk Reduction Model among Predominantly Hispanic College Students. Poster to be presented at the 32nd Annual Meeting of the Society of Behavioral Medicine. Washington, DC. *Annals of Behavioral Medicine*, 42, S45.

Published Abstracts (Peer Reviewed): continued

Jackson, M. and **Palacios, R.** (2011). Relationships between risky health behaviors and behavioral motivational systems in Hispanic populations. Poster presented at SOPHE 2010 Annual Meeting, Denver, Colorado, November 5, 2010.

Lozano, V. and **Palacios, R.** (2010). Gender Differences in Motivational Tendencies for Physical Activity. Poster presented at SOPHE 2010 Annual Meeting, Denver, Colorado November 5, 2010.

Fournier, MM, **Palacios, R.**, Beatty, S., Guitierrez, R., and Soto, I. (2010). Sexuality Education: Choices Two Should Know Curriculum (CTSK) Evaluation. Poster presented at the 84th Annual ASHA School Health Conference, October 2010, Kansas City, Missouri.

Shamaley-Kornatz, G. Morales-Monks, S., **Palacios, R.**, Tomaka, J. & Thompson, S. (2010). Relationship of Global and Contingent Self-Esteem to Stress and Coping (Poster presented at Society for Personality and Social Psychology Annual Meeting, January 2010, Las Vegas, AZ)

Palacios, R., & Tomaka, J. (March 2009). Relation of family history of hypertension to stress reactions during appetitive and aversive challenges. *Presented at 2009 Annual Meeting of the American Academy of Health Behavior, Hilton Head, SC.*

Palacios, R., Ovalle, I., Gonzalez, C., Gutierrez, R., & Soto, I. (March 2009). Worth the Wait: Abstinence-based education for a border population with a high rate of teen pregnancy. *Presented at 2009 Annual Meeting of the American Academy of Health Behavior, Hilton Head, SC.*

Alomari, M., Tomaka, J., **Palacios, R.**, Thompson, S. Leyva, M, & Mota, D. (2005, December). An impact evaluation of ALERT El Paso. Presented at the 133rd Annual Meeting of the American Public Health Association, Philadelphia, PA.

Palacios, R., Tomaka, J., Colotla, M., Herral, M. M., & Penley, J. A. (1998). Differences in stress responses between Hispanics and Anglos. *Psychophysiology*, 35, S63.

Medina, A., **Palacios, R.**, Colotla, M., Penley, J., & Tomaka, J. (1998) Effects of ethnicity and acculturation on cardiovascular reactivity to stress. *Psychophysiology*, 35, S57.

Published Abstracts (Peer Reviewed - continued):

Bejarano, C., **Palacios-Esquivel, R.**, & Penley, J. A. (1998). Relation of family history to resting blood pressure and blood pressure reactivity to laboratory stress among Hispanics. *Annals of Behavioral Medicine*, 20, S074. [Supplement]

Palacios-Esquivel, R., Tomaka, J., Schneider, K. T., & Concha, J. B. (1998). Assertiveness predicts threat and challenge reactions to potential stress among women. *Annals of Behavioral Medicine*, 20, S097. [Supplement]

Tomaka, J., Penley, J. A., & **Palacios-Esquivel, R.** (1997). Relation of threat and challenge to emotion and coping theory. *Psychophysiology*, 34, S5.

Palacios-Esquivel, R., Concha, J. B., & Tomaka, J. (1997). The effects of repeated occlusion measurement on blood pressure and pulse rate. *Psychophysiology*, 34, S69.

Tomaka, J., Penley, J. A., & **Palacios-Esquivel, R.** (1997). Relation of threat and challenge to emotion and coping theory. *Psychophysiology*, 34, S5.

Penley, J. A., Tomaka, J., Goldsmith, S. D., Herald, M. M., and **Palacios-Esquivel, R.** (1997). Assessing coping processes in laboratory settings: differences in coping across stressors. Poster presented at the Midwestern Psychological Association on May 9, 1997 in Chicago, IL.

Palacios-Esquivel, R. and Tomaka, J. (1996). Cardiovascular Dynamics of social and asocial stressors: Generalizability of reactivity across stressors. *Psychophysiology*, 33, S67.

Tomaka, J., **Palacios-Esquivel, R.**, Penley, J. A., and Goldsmith, S. (1996). Stress responses and motivational systems. *Psychophysiology*, 33, S83.

Tomaka, J., **Palacios, R.**, and Lovegrove, A. (1995). Manipulation of threat and challenge responses. *Psychophysiology*, 32, S76.

Tomaka, J., **Palacios, R.**, and Hayes, K. M. E. (1995). Cardiovascular dynamics of vascular reactivity. *Psychophysiology*, 32, S76.

Moss, D. E., Manderscheid, P. Z., **Palacios, R.** and Perez, R.G. (1987). Methanesulfonyl fluoride: An active CNS cholinesterase inhibitor in primates. *Society for Neuroscience Abstracts*, 13, no. 286.11: 1028.

Other Poster Presentations:

Defibaugh-Chavez, S., and Somuri, S. (Advisor on poster). Do Religious Commitment and Behavioral Motivational Tendencies Mediate Difference in Risk Behavior Engagement among Different Racial/Ethnic Groups? Graduate Research and Arts Symposium, NMSU, March 13, 2013. **Mentor: Palacios**

Other Poster Presentations (continued):

Palacios, R., Jackson, M., & Tomaka, J., (2010). Do Motivational Tendencies Predict Risky Health Behaviors in Hispanic College Students? Presented at the Tenth Annual URC Research and Creative Activities Fair, NMSU, October 1, 2010.

Sanchez, J., Jackson, M., Kudura, A. (2010). Gender and Ethnic Differences in Eating-Specific Motivational Tendencies. NMSU Graduate Research and Arts Symposium, Spring 2010. **Mentor: Palacios**

Other Poster Presentations:

Rice, C. and **Palacios, R.** (2009) Choices Two Should Know: Effects Of A Sexual Health Program On Mexican-American Middle School Students' Beliefs Of Healthy Relationships. Paso del Norte SOPHE Conference, Farm and Ranch Museum, Las Cruces, NM; October 16, 2009.

Jackson, M. and **Palacios, R.** (2009). Relationship of Family History to Risk Factors for Hypertension. Paso del Norte SOPHE Conference, Farm and Ranch Museum, Las Cruces, NM; October 16, 2009.

Duran, C. and **Palacios, R.** (2009) The Influence of Gender Role Stereotypes on Abstinence Beliefs. Paso del Norte SOPHE Conference, Farm and Ranch Museum, Las Cruces, NM; October 16, 2009.

Conference Presentations:

Palacios, R. and Bright, T. (co-moderators) Diabetes/Obesity Roundtable, 1st Annual BIOMED Symposium, October 26, 2013, El Paso, Texas.

Palacios, R. (2013). Environmental challenges in Colonias, Academic Panel Member. Region 6 Environmental Justice Training Workshop. June 19 to June 21, 2013. Albuquerque, NM.

Jackson, M. and **Palacios, R.** (2010). Relationships between Risky Health Behaviors and Behavioral Motivational Systems in Hispanic Populations. Podium presentation at SOPHE 2010 Annual Meeting, Denver, Colorado, November 5, 2010.

Malhotra S, **Palacios R,** Hendricks KA. Best Practices for Developing Appropriate Sexual Health Programs for Border Hispanic Adolescents in Texas. 17th Texas HIV/STD Conference. May 24-27, 2010. Austin, TX. May 24-27, 2010, Austin, TX.

Malhotra S, **Palacios R,** Hendricks KA. Tailoring Evaluation to Sexual Beliefs, Attitudes, and Behaviors of Hispanic Adolescents in Border Program Communities. National Abstinence Education Grantees Conference: Standing Strong, Creating Opportunities, and Embracing the Future. January 27–29, 2010. Arlington, VA.

Malhotra S, **Palacios R,** Hendricks KA. Sexual beliefs, attitudes and behaviors of Hispanic adolescents in economically-disadvantaged border communities in Texas. 137th Annual Meeting & Exposition. American Public Health Association. November 7-11, 2009. Philadelphia, PA.

Conference Presentations (continued):

Palacios, R. (November, 2009). Hispanics in Health Careers. SoAHEC Recruitment of Gadsden Middle and High School Students to Health Careers. New Mexico State University.

Brandon, J. and **Palacios, R.** (November, 2008). Diabetes and Stress Management. Diabetes Wellness Day Event. Southern New Mexico Diabetes Outreach and Dona Ana Diabetes Action Coalition.

Palacios, R. (October, 2007). Evaluation of the EPCCHED STD and Teen Pregnancy Prevention Programs. A report to the community. El Paso County-City Health and Environmental District, El Paso, Texas.

Palacios, R. (June 2005). Essentials in Program Evaluation. Paso del Norte Society for Public Health Education (SOPHE) Chapter, Border Health Issues Spring Conference. El Paso, Texas.

TRAINING:

Cross Cultural Health Care Program, Closing the Gap: Cultural Competency Training of Trainers, Flagstaff, AZ, July 7-11, 2014.

Patient-Centered Outcomes Research Institute (pcori) Regional Engagement Workshop. November 6-8, 2013, Albuquerque, NM.

National Cancer Institute (NCI) Summer Curriculum in Cancer Prevention: The Principles and Practice of Cancer Prevention and Control Course. Rockville, Maryland from July 8 - August 2, 2013. (Competitive application)

Palacios, R. (2013). Community Based Participatory Research (CBPR)-2 Day Training, New Mexico Farm and Ranch Heritage Museum, Las Cruces NM, April 11-12, 2013. Co-coordinator with UNM and NM Cares Health Disparities Center.

IBM SPSS Data Collection Survey Authoring, (0R105), Online training for Survey Design. November 26 & 27, 2012; 2 full days

HHDRAC Academic Writing Workshop: How to Publish a Lot and Still Have a Life April 27, 2012, Hispanic Health Disparities Research Center, UTEP & UT Houston School of PH

Structural Equation Models for Theory-Driven health and Rehabilitation Research and Modeling. A Work shop by Fong Chan, PhD, University of Wisconsin-Madison. March 3, 2011. University of Texas at El Paso, El Paso, TX.

Hispanic Association of Colleges and Universities DHHS-NCMHD Professions Capacity Building Program—2010 (Competitive application)

Teaching Experience:

New Mexico State University
Department of Public Health Sciences-

HLS 475/MPH 575
Methods in Community Health Education
Fall 2008; Spring 2009

HLS 478
Health Program Evaluation and Research
Spring 2009, Spring 2010, Spring 2011

HLS 461/MPH 561
Health Disparities
Spring 2009; Fall 2009 to Fall 2013

HLS 469/MPH 569
U.S. Mexico Border Health
Spring 2010, Spring 2011, Spring 2012

MPH 579
Research Methods and Resources
Fall 2010, Fall 2011, Spring 2013, Spring 2014

University of Texas at El Paso
Department of Health Promotion-

HSCI 3304
Health Perspectives in Aging
Department of Health Promotion
Summer 2004, Fall 2005, Summer 2007

HSCI 4304
Program Evaluation
Summer 2007, Spring 2008

Research Experience:

- 2008 to present Examined motivational tendencies for various risk behaviors contributing to obesity and related chronic disease; Outreach efforts to address Cancer health disparities; community based research projects examining (1) barriers to healthy drinking water in the U.S. Mexico border colonias (2) barriers to fruit and vegetable consumption among low income Mexican Americans, (3) tobacco use among low income adolescents in Las Cruces, NM
- 2001 to 2008 Experience in conducting community based and public health research projects under contract, including program evaluation and health needs assessments on the U.S. Mexico border. I conducted various health needs assessments on the border examining prevalence of diabetes in adults and children (PAHO, Texas Tech Health Sciences Center), the health and functional status of the aging population (UTEP, Texas Tech), service needs of the HIV/AIDS population (Planned Parenthood Administrative Offices), and rural/colonia health (NMDOH, UTEP). I have also conducted various program evaluation studies for different programs targeting substance and alcohol abuse prevention (BASICS, UTEP; Project ALERT, UTEP; Family Drug Court, 65th District Court) and teen pregnancy prevention (Worth the Wait and CHOICES Two Should Know, EPDOH). I also lead the evaluation for a Virtual Learning Study at Job Corps funded by the Department of Labor. Finally, I evaluated a program designed to recruit, retain and graduate minority students from pharmacy school (UT Austin and UT El Paso Pharmacy Coop).
- 2000 to 2001 Managed and organized large data bases, conducted qualitative data analysis, developed and conducted surveys, prepared reports.
- 1995 to 2006 Examined cardiovascular and multidimensional stress responses (e.g., cognitive, affective, behavioral, and physiological) in a highly under researched Mexican American population. Major research aim was in understanding how stress-related responses contribute to the development of disease among the Hispanic population, particularly cardiovascular disease and diabetes. Developed and translated surveys to Spanish, conducted qualitative analysis of open ended survey questions, technical skills in electrocardiography and impedance cardiography, scoring of physiological data, research design, and grant writing.
- 1991 to 1992 Research Technician/Supervisor, Department of Psychology, University of Texas-Southwestern Medical Center at Dallas. Examined levels of neurotransmitters in cerebrospinal fluid samples of Alzheimer's patients and controls (patients' spouses). Experience in high pressure liquid chromatography, spectrophotometry, data management. Experience in supervising and training student research assistants.

Research Experience (continued):

- 1989 to 1991 Trained in spectrophotometry, animal research, phlebotomy, behavioral research, and multiple technical laboratory techniques. Supervised and trained undergraduate and graduate research assistants.
- 1986 to 1989 Tested an experimental drug on an animal model of Alzheimer's disease. Gained experience in technical laboratory techniques, educating elderly community on Alzheimer's disease, animal care and maintenance.

Membership in Professional Organizations:

Society for Behavioral Medicine
2011-Present

Obesity Society
2011-Present

PDN SOPHE Chapter
Board Member – 2009-present
Treasurer – 2009 to 2011
NM Member at Large – 2012 to 2013

Hispanic Association of Colleges & Universities (HACU)
2010-2011

Professional Service:

Abstract Reviewer for Society Behavioral Medicine's 2013 and 2014 Annual Meeting

Temporary Membership in the Graduate Faculty, University of Texas at El Paso, 2013 to 2016

Community Service:

Paso del Norte Health Foundation's (PDNHF) Healthy Eating/Active Living (HEAL) Coalition
2010 to present

Pan American Health Organization's (PAHO) Diabetes Binational Committee (El Paso- Juárez- Las Cruces)
2010 to present

New Mexico Border Consortium Research-Practice Core 2009 to present

Dissertation and Thesis Supervision:

Dissertation Committee Member (completed):

Cuauhtémoc Luna-Nevarez, Ph.D. in Marketing. Persuasive Impact of Graphic Narratives: A Psychosocial Approach to the Use of Graphic Novels for Health Communication and Advertising. (May 2013)

Thesis Chair (completed):

Ethel Saryee, Masters in Public Health (Co-Chair with Michael Young). The Relationship Between Hispanic Parental Perception of Their Child's Health Behaviors and their Child's Self- Reported Current Behavior. (2010)

Aisha Kudura, Masters in Public Health. (Chair). The Impact of Meal Frequency on Glucose and Insulin Patterns: A Pilot Study (May, 2011)

Marieke Jackson, Masters in Public Health. (Chair). Motivations for Eating Behaviors: Development and Validation of a Psychobiological Measure. (May, 2012)

Elizabeth S. England Kennedy, M.A., Ph.D., Masters in Public Health. (Chair). Preparation and Experiences of Mental Health Treatment Guardians (MHTG) in New Mexico. (December, 2012)

Allison Gilbert's Manuscript, Masters in Public Health. (Committee member). Cultural influences on fertility decisions along the US-Mexico border. (May 2015)

Ongoing/Current Committees: External Comittee Member for all

Adriana Rascon (Ph.D. anticipated 2014; Chair- Sharon Thompson Davis, UTEP)

Isaac Campos (M.S. anticipated in 2014; Chair-Shane Walker, UTEP)

Research Partnerships to Address Health Disparities

Southwest Institute Health Disparity Research (SWIHDR) at NMSU
Lead for the Obesity Core targeting Obesity Disparities in U.S.-Mexico Border

NMSU-Fred Hutchinson Partnership for the Advancement of Cancer Research
Lead for Outreach Core targeting Cancer Disparities in NM and U.S.-Mexico border

