

HUGO MELGAR-QUINONEZ, MD, Ph.D.

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Citizenship: Dual, United States and Guatemala

LANGUAGES

Fluent in Spanish, English, and German.

EDUCATION

Doctor Sc. Med. (Ph.D.) Degree received on 1996.

Friedrich Schiller Universität, Jena, Germany. Thesis: "Comparative Study on the Age of Death and the Main Death Causes in Samples from the Pathology Institutes of Jena, Germany and Maputo, Mozambique: Major Public Health Problems in Developing Countries". Advisor: Prof. Dr. Manfred Danz, Institut für Pathologie, Jena.

School of Medicine (M.D.)

Degree received on 1992 at Friedrich Schiller Universität, Jena, Germany.

Degree accredited on 1998 at Universidad de San Carlos de Guatemala, Guatemala.

Additional Studies in Medicine:

1980-1982: Universidad Autónoma de Guadalajara, Mexico.

1978-1980: Universidad de San Carlos de Guatemala, Guatemala.

OTHER COURSES

July-August 1997

Johns Hopkins University - courses at the National Institute of Public Health in Mexico:

Cohort Studies

Case-Control Studies

Surveillance Analysis

Reproductive Health Epidemiology

1995-1996

Courses of the Master Degree in Sciences at the Mexican School of Public Health:

Epidemiology

Bio-statistics

Pedagogic

Social, Cultural and Psychological Factors in Public Health

Reproductive Health

Health Systems

Demography

Reproductive Biology

Research Methods in Reproductive Health

1990-1991

Higher Education and International Development at the Center for Professional Studies, University of Kassel, Germany:

University in Society

University Teaching

Research Management

University Structures

Extra Mural Activities

June-July 1988

Course for Latin American Students. Department of Latin-American Studies, Wilhelm Pieck Universitaet, Rostock, Germany.

RESEARCH EXPERIENCE**October 2003-present**

Assistant Professor and Health Specialist in the department of Human Nutrition at Ohio State University. Food security and nutrition in Latino population groups in Ohio.

2003-present

“Validation of a food security tool as a low-cost measure of poverty in Bolivia, Burkina Faso and Ghana.” Institution: Freedom from Hunger. Project funded by: World’s Bank Consultative Group to Assist the Poorest (CGAP). (PI)

“Healthy Latino Families” Nutrition Education program for low-income Latino Families in Columbus, Ohio. Funded by: Ohio Minority Health Office.

“Validity of Household Food Security Tools in Latin-America” (Mexico, Guatemala, Colombia, and Brazil).

2002-2003

Consultant in the study: “Validating simple indicators of dietary quality and animal source food intake that accurately reflect nutrient adequacy in developing countries.” The project uses food intake data from the GL-CRSP Child Nutrition Project in Embu, Kenya. Project funded by Global Livestock-Collaborative Research Support Program. Principal Investigator: Lindsay Allen, Dept. of Nutrition, University of California, Davis.

2002-2003

Co-investigator in studies in collaboration with Comunidad de Estudios JAINA, Bolivia:

- “Development of farmer experimental projects to improve the food security status of families living in the region of La Cueva, Tarija, Bolivia.”
- “Testing of a Food Security Tool within Farmer Experimentation in Bolivia.”

2000-2003

Co-investigator in the project: “A participatory model for the identification and implementation of food-based strategies to alleviate food insecurity and to improve the nutritional status of isolated rural communities.” Project conducted in Mexico, Bolivia and Ecuador, funded by Global Livestock-Collaborative Research Support Program. Principal Investigator: Dr. Tim Moermond, University of Wisconsin-Madison.

1998-2003

Post-doctoral researcher in studies with Latino immigrants in California in the Department of Nutrition at the University of California, Davis:

- 1) Effects of acculturation on the nutritional status women and children.

- 2) Health beliefs and practices in Mexican-Americans with diabetes.
- 3) Food insecurity, dietary intake and maternal and child nutritional status.
- 4) Validation of the USDA-Food Security Scale.

2001-2002

Co-investigator and statistician in the study: “Hunger, food insecurity and child obesity. Examining food security /overweight relationship of reported and measured heights and weights for children using U.S. national representative data.” Project funded by: Economic Research Service, USDA. Principal Investigator: Marilyn Townsend, Dept. of Nutrition, University of California, Davis.

2001-2002

Co-investigator in the study: “Development of a measurement tool to assess food insecurity in communities located in the Sierra de Manantlán biosphere reserve.” Collaborative UCMEXUS project with the University of Guadalajara, Mexico. Principal Investigator: Dr. Lucia Kaiser, Dept. of Nutrition, University of California, Davis.

2000-2001

Project director in the study: “Validation of the Core Food Security Module in Latino families living in California.” Principal Investigator: Dr. Lucia Kaiser, Dept. of Nutrition, University of California, Davis. Funded by Economic Research Service, USDA. Principal Investigator: Dr. Pat Crawford and Dr. Marilyn Townsend.

2000-2001

Statistician in the study: “Child Latino Study – Relationship of food insecurity and overweight in Latino families in California.” Body Weight and Health Workgroup of the University of California. Funded by Division of Agriculture and Natural Resources (DANR), University of California.

1997-2000

Consultant in food security, public health and community development of Guatemalan indigenous community organizations in North Quiché.

- Emergency food project for the region of North Quiché Guatemala. Office of emergency humanitarian help, ECHO, European Union.
- Program of Food Security and Nutrition; Community Development Program for North Quiché.
- Participatory methods to assess food insecurity and malnutrition.

1996-1997

Associate Researcher at the National Institute of Public Health, Nutrition Department, Cuernavaca, Mexico.

Main research themes:

- Effects of micronutrients supplementation in pregnant women in Xoxocotla, Morelos, Mexico.
- Effects of feeding patterns in newborns in Xoxocotla.
- Implementation of a field laboratory of the Department of Nutrition in Xoxocotla.
- Training and supervision of field workers on survey data collection, and blood samples management.

TEACHING EXPERIENCE

2006 – present. Director of the Nutrition and Community Health option for Nutrition

students in the Department of Human Nutrition at OSU.
Since October 2003. Primary Advisor for Honors Students, and Master's and PhD students in the Department of Human Nutrition at the Ohio State University.

Graduate Students at The Ohio State University:

1. **Michelle Hackett, MS, RD** – Graduated in May 2005. M.S. Thesis: Food Security and Household Food Supplies in Rural Ecuador.
 - Pilot-study on house-hold food insecurity in Masaya, Nicaragua June-July 2004.
 - Currently PhD student in OSUN. Dissertation Proposal: Validity of a Household Food Security Survey Module in Assessing the Effectiveness of the MANA Food Supplement Program in Antioquia, Colombia.
 - As a student in my program Mrs. Hackett received following awards:
 - The Sonkin-Bergman-Wasserman Families' Scholarship for International Understanding and Peace. 2004 and 2005.
 - Office of International Affairs International Graduate Student Dissertation/MA Thesis Research Travel Grant. 2005.
 - Virginia M. Vivian Endowment Fund Scholarship for Graduate Student Research. 2005
 - Tinker Field Research Grant in Latin America. 2005
 - First Place, OSU Annual Nutrition Graduate Student Poster Competition. 2005.
 - Presented research work at EB 2005, and EB 2006.
 - MS thesis paper submitted for publication to Archivos Latinoamericanos de Nutricion (2006).
 - As PhD student coauthor one publication on the Validity of a Household Food Security Survey Module in the Colombia National Nutrition Survey. Paper submitted to Revista Biomédica – School of Public Health at the University of Antioquia.
2. **Barbara Lorson, MS, RD** – Graduated in May 2006. M.S. Thesis: Determinants of Fruit and Vegetable Intake in U.S. Children.
 - Presented research work at EB 2006.
 - Submitted MS thesis paper to the Journal of the American Dietetics Association (2006).

Graduate Students advised at other Universities and Research Institutions:

1. **Amber Hromi** – Currently PhD student at University of Connecticut, Storrs. Dissertation: Household Food Security Status, Dietary Intake and Pregnancy Outcomes among Latinas. Principal Advisor: Rafael Perez-Escamilla, PhD.
2. **Tsetan Dolkar** – Graduated in December 2005. MS student at University of Connecticut, Storrs. Thesis: Validation of Adapted USDA Food Security Scale in Mexico. . Principal Advisor: Rafael Perez-Escamilla, PhD.

3. **Lorena Patricia Mancilla López** – MS Student at the University of Antioquia, Colombia. Thesis: Consumo de Alimentos y el Aprovechamiento de los Recursos Naturales y su Repercusión en la Seguridad Alimentaria y Nutricional de los Hogares Productores de Antioquia (*Food Consumption and Food Security in Antioquian Households*). Principal Advisor: Martha Cecilia Álvarez Uribe.
4. **Alejandra Jiménez Aguilar** – Graduated in April 2006. MS student at the Mexican National Institute for Public Health. Thesis: El Consumo de Bebidas Refrescantes Azucaradas se Asocia con el Incremento en el Índice de Masa Corporal en una Cohorte de Adolescentes Mexicanos (*Soda consumption and BMI in Mexican Adolescents*).
5. **Juan Espinoza Montero** - Graduated in March 2006. MS student at the Mexican National Institute for Public Health. Thesis: Contribución de los cereales listos para comer al porcentaje de adecuación de energía, fibra, macro y micronutrientes de mujeres mexicanas de 12 a 49 años (*Ready-to-eat cereals' consumption in Mexican women 12-49 years of age*).

Undergraduate Honors Students at The Ohio State University:

1. **Sarah Patterson**, Nutrition Major – Graduated in May 2006. Thesis: Impact of a Culturally Appropriate Nutrition Intervention on Latinos in Central Ohio
Currently: Nutrition MS Student at University of Georgia.
- Presented research work at EB 2006.
Awards received as a student in my program:
- Undergraduate Honors Research Scholarship 2005.
- OSU Board of Trustees Student Recognition Award 2006.
2. **Laura Romstedt**, Nutrition Major – Graduated in May 2006. Thesis: Impact of a Health Intervention in Latino Children in Central Ohio. Currently: Dietetics Internship in Chicago, IL.
Awards received as a student in my program:
 - Denman research forum, first place, education division, May 2006
 - Professionalism award, the College of Human Ecology, May 2006
 - President's Salute, recognition of excellence, May 2006
3. **Nathan Lewandowski**, Nutrition Major – Thesis: Food security in Ghana.
- Internship at the School of Nutrition and Dietetics at the University of Antioquia, Colombia. Summer 2006.
4. **Jonathan Bechtel**, Nutrition Major – Thesis: Food security in Ghana.
5. **Colin Reeder**, Nutrition Major – Thesis: Food security in Ghana.
6. **Jane Allen, Nutrition Major** – Thesis: EFNEP: Assessing the Evaluation Tools and Impact of the Program amongst Participants in Ohio.

Awards received as a student in my program:
- OSU Honors Research Scholarship awarded in 2006.

II. Instructor in Human Nutrition classes at OSU: HN415 (Issues and Controversies in Nutrition), HN802 (Global Food and Nutrition Issues), HN889 (Nutrition Research and Assessment – Principles and Techniques), HN804 (Advanced Community and International Nutrition), and HN 806 (Advanced Nutrition Education)

III. Instructor of the course: “Children’s Health and Nutrition” for Spanish speaking students at the Tribal College D-Q University, Davis, California. January-June 2002.

- Development of syllabus
- Selection of textbooks
- Teaching of entire course
- Use of participatory teaching methods

IV. Multi-disciplinary staff training

- Development of training materials in Spanish and English
- Training of bilingual field staff and professionals in interview skills, data collection and management, and laboratory techniques
- Selection of readings relevant to the study

V. Teaching Assistantship

Teaching assistant of the post-graduate course: Higher Education and International Development, Center for Professional Studies, University of Kassel, Germany. My duties included the selection of textbooks, the coordination and evaluation of courses in university teaching techniques and research management, and the organization of extramural activities. 1991.

Guest Lectures and Workshops

- Third Tri-State Extension Diversity Conference. “The Growing Latino Community: new challenges for nutrition and health professionals in the US”. January 11, 2007.
- Workshop and mini-symposium at the 14th Conference of the Latin American Nutrition Society in Florianopolis, Brazil. “Measuring Household Food Security in the Developing World. November 12th and 16th 2006. Invited by the Pan American Health Organization and the Brazilian Department of Health.
- Purdue University Extension Service Professional Development Conference. “The Growing Latino Community: new challenges for nutrition and health professionals in the US”. October 18, 2006.
- Annual EFNEP/FNP Conference. “Choice Food Pantry Development: a Rainbow of Opportunity for Applied Research”. October 11, 2006.
- Multicultural diversity in nutrition and health. Columbus Dietetic Association annual meeting. April 11, 2006.
- Latino Nutrition and Health Issues at the Ohio. Conference on Obesity of the

- American Heart Association: “Tools for Change for the Practicing Physician. March 30-31, 2006.
- Nutrition and Health issues in Latino populations in the US. Fort Hamilton Hospital, Ohio. March 20, 2006.
 - Latino Health and Nutrition at the “Henry County Leadership in Action Program.” Napoleon, OH. January 24, 2006.
 - Nutrition and Health in Latinos in the US. 3rd Annual Latino Health Disparity Conference in Dayton. November 4, 2005.
 - Second Tri-State Extension Diversity Conference. “Nutrition and Health Problems in the Latino Community: An emerging Challenge throughout the US.” Cincinnati, OH. November 17, 2005.
 - Working with the Latino community: An emerging challenge in Ohio Special. Symposium in Applied Nutrition Sponsored by Department of Human Nutrition – and Food and Consumer Sciences / OSU Extension. October 28, 2005.
 - Applying Rasch Modeling to analyze Household Food Security Scales. Department of Social and Preventive Medicine. University of Campinas, Brazil. January 26 – February 4.
 - Working with diverse audiences – a new challenge for Extension agents in Ohio. EFNEP conference, Columbus, Ohio. September 2004.
 - Public Health Nutrition Workshop – Colombian Nutrition Faculty at several Colombian Universities. School of Nutrition and Dietetics at the University of Antioquia, Colombia. June 14-26 2004.
 - Understanding dietary patterns and nutrition-related health problems in the Latino community: an emerging challenge for dietitians in Ohio. WIC Conference. Columbus, Ohio March 2004.
 - Food insecurity and poverty assessment in the Philippines. Center for Agricultural and Rural Development. December 1-6 2003, and January 19-24 2004.
 - Children’s Hunger Alliance and OSU Arts and Sciences Scholars’ Roundtable Discussion on Nutrition and Obesity. “The relationship between Overweight and Food Insecurity in the U.S. January 2004.
 - California Agriculture Leadership Seminar; Department of Animal Science, University of California, Davis. “Living and Working in Latin-American countries.” February 2002.
 - Comunidad de Estudios JAINA – Tarija, Bolivia. Seminar: “Modelo participativo para la identificación de estrategias alimentarias contra la inseguridad alimentaria en comunidades rurales.” August 2001.
 - International Agriculture Development Program, University of California, Davis. Seminar. A participatory model for the identification of food-based strategies to alleviate food insecurity in rural communities in Mexico. April 2001.
 - Instituto Manantlán para el Estudio y Conservación de la Biodiversidad (IMECBIO). Centro Universitario de la Costa Sur and Centro Universitario del Sur, University of Guadalajara, Mexico. Seminar. “Estrategias alimentarias contra la inseguridad alimentaria y para mejorar el estado nutricional de comunidades rurales aisladas.” March 2001.
 - International Workshop of the project: Community Planning for Sustainable

- Livestock Based Forested Ecosystems in Latin America. University of Wisconsin, Madison. “Estrategias alimentarias contra la inseguridad alimentaria y para mejorar el estado nutricional.” February 2001.
- Seminar of the Program of Public Health, University of California, Los Angeles. “Program of food security and nutrition of the movement organized for the development of uprooted communities in North Quiché, Guatemala.” May 1999.
 - Program of International Nutrition and International Agriculture Development Program, University of California, Davis. Seminar. “Uprooted communities in North Quiché. Program of Food Security” April 1999, and February 1999.
 - Master Degree Program in Nutrition, Mexican Institute of Public Health. Seminar. “Research and Public Health Implications of Iron Deficiency Anemia”. January 1999.

PUBLICATIONS

1. Johnson M., Melgar-Quiñonez H., Zubieta A.C., Hernandez K. (2007) Food Security and Household Food Supplies in Rural Ecuador. Archivos Latinoamericanos de Nutrición. In Press.
2. Melgar-Quinonez H.R., Nord M., Perez-Escamilla R., Segall-Correa A.M. (2007) Psychometric properties of a modified US-household food security survey module in Campinas, Brazil. European Journal of Clinical Nutrition advance online publication, 18 April 2007; doi:10.1038/sj.ejcn.1602760.
3. Álvarez MC, Montoya C, Estrada A, Melgar-Quiñonez H. (2006) Validación de escala de percepción de la seguridad alimentaria doméstica en Antioquia, Colombia. Salud Publica Mex;48:474-481.
4. Remley DT, Gallagher T, McDowell J, Kershaw M, Lambea MC, **Melgar-Quinonez H.** (2006) Extension's Role in Developing 'Choice' Food Pantries in Southwest Ohio. Journal of Extension; 44(6): 6IAW5. At: <http://www.joe.org/joe/2006december/iw5.shtml>
5. Melgar-Quinonez HR, Zubieta AC, MKNelly B, Nteziyaremye A, Gerardo MF, Dunford C (2006) Household Food insecurity and daily per capita food expenditure in Bolivia, Burkina Faso and the Philippines. Journal of Nutrition 136:1431S-1437S.
6. Melgar-Quiñonez, H., Zubieta A.C., Valdez E., Whitelaw B., Kaiser L. (2005) Desarrollo de un instrumento para monitorear inseguridad alimentaria en la Sierra de Manantlán, Jalisco. Salud Publica Mex 47(6):413-422.
7. Johnson, M., Melgar-Quiñónez, H. (2005) Problemáticas nutricionales de los Latinos en los Estados Unidos. Perspectivas en Nutrición Humana. August 2005 (Supplement): 21-29.
8. Kaiser L.L., Townsend M.S., Melgar-Quiñonez H.R., Fujii M.L., Crawford P.B. (2004) Choice of instrument influences relations between food insecurity and obesity in Latino women. Am J Clin Nutr. 80: 1372-1378.
9. Melgar-Quiñonez H.R., Kaiser L.L. (2004) Relationship of child feeding practices to overweight in low-income Mexican-American preschoolers. J Am Diet Assoc. 104: 1110-1119.
10. Kaiser L.L., Martin A.C., Metz D.L., Nicholson Y., Fujii M.L., Lamp C.L., Townsend M.S., Crawford P.B., and Melgar-Quiñonez H. (2004) Food insecurity

- prominent among low-income California Latinos. *California Agriculture*. 58: 18-23
11. Melgar-Quiñonez H., Kaiser L.L., Martin A.C., Metz D., Olivares A. (2003) Inseguridad alimentaria en Latinos de California: observaciones de grupos focales. *Salud Publica Mex*. 45: 198-205
 12. Kaiser L.L., Melgar-Quiñonez H. (2003) Food Insecurity and food supplies in Latino households with Young Children. *J Nutr Educ Behav*; 35(3):148-153
 13. Kaiser L.L., Klenk M.A., Martin A.C., Olivares A., Joy A.B., Melgar-Quiñonez H. (2003) Diabetes-related health beliefs explored in low-income Latinos. *California Agriculture*. 57: 8-12.
 14. Kaiser L.L., Melgar-Quiñonez H., Lamp C., Sutherlin J., Johns M., Harwood J. (2002) Food Security and Nutritional Outcomes of Latino Preschoolers. *J Am Diet Assoc*. 102: 924-929.
 15. Kaiser L.L., Melgar-Quiñonez H., Lamp C., Sutherlin J., Johns M., Harwood J. (2001) Impact of acculturation in the nutritional status of preschooler of low-income families in California. *Journal of the American Dietetic Association*. 101: 542-547.
 16. Flores M., Melgar H., Cortés C., Rivera M., Rivera J., Sepúlveda J. (1998) Consumo de energía y nutrimentos en mujeres mexicanas en edad reproductiva. *Salud Publica Mex*. 40: 161-171.

Manuscripts submitted in 2006:

17. Townsend M.S., Melgar-Quiñonez H., Hudes M., Crawford P.B. (2006) How Well Do Parents Report Heights and Weights for Their Children? Submitted to *J of International Obesity*.
18. Lorson B.A., Melgar-Quinonez H.R., Taylor C. A. (2006) Correlates of Fruit and Vegetable Intakes in U.S. Children. Submitted to *J Am Diet Assoc*.
19. Álvarez M. C., Estrada A., Nord M., Hackett M., Melgar-Quiñonez H. R. (2006) Validation of the Community Childhood Hunger Identification Project Scale (CCHIP) in Colombian households. National Nutrition Survey 2005 (ENSIN 2005). Submitted to *Revista Biomedica, Colombian National Institute of Health*.
20. Melgar-Quiñonez H., Johnson M. Measuring Household Food Security: the global experience. *Brazilian Journal of Nutrition*.

Manuscripts to be submitted in 2007:

21. Melgar-Quinonez H., Holben D.H., Taylor C.A. Food insecurity and obesity among Mexican American adults in the United States - NHANES 1999-2002. To be submitted to *Economics and Human Biology*

REPORTS

1. **Melgar-Quiñonez H.** Healthy Latino Families Project in Columbus, Ohio. Report to The Ohio Minority Health Office. July 2006.
2. **Melgar-Quiñonez H.** Choice Food Pantry: Community Feedback, Improvement

- and Dissemination. Report to OSU CARES. August 2006.
3. **Melgar-Quiñonez H.** Jumping into Food and Fitness. Applying 4-H curriculum in Latino After-School programs in Columbus. Report to OSU 4-H. July 2005.
 4. **Melgar-Quiñonez H, Dunford C.** Testing Food Security Scales for Low-Cost Poverty Assessment. A Research Status Report to Freedom from Hunger–October, 2003
 5. Kaiser LL, Valdez, E., **Melgar-Quiñonez H, Zubieta, AC.** Development of a Measurement Tool to Assess Food Insecurity in Communities Located in the Sierra de Manantlán Biosphere Reserve. Final Report to UC MEXUS. 2003.
 6. Townsend M, Kaiser LL, **Melgar-Quiñonez H, Anaya MA.** Child Latino study in food insecurity and overweight. County reports. In-house report, University of California, Cooperative Extension. 2002.
 7. **Melgar-Quiñonez H, Zubieta AC.** Qualitative assessment in food security and nutrition in rural communities located in La Cueva, Bolivia; Baez, Ecuador; and Jalisco, Mexico. Project: Planificación Local de la Agricultura y la Naturaleza (PLAN). In-house report, Project PLAN. 2001.
 8. Kaiser LL, **Melgar-Quiñonez H, Lamp C, Sutherlin J, Johns M, Harwood J.** Effects of Acculturation and Food Security on Nutrition of Latino Children. In-house report, Cooperative Extension, Department of Nutrition, University of California, Davis. 1999.

ABSTRACTS AND PRESENTATIONS

1. Amber J. Hromi-Fiedler, Angela Bermúdez-Millán, Donna J. Chapman, Sofía Segura-Pérez, Grace Damio, **Hugo Melgar-Quiñones, Rafael Pérez-Escamilla** (2007). Nutrient intake patterns vary among low-income Latinas subgroups during pregnancy. American Public Health Association Annual Meeting & Exposition. Abstract 152604.
2. **Melgar-Quinonez HR, Zubieta AC, MKNelly B, Nteziyaremye A, Gerardo MF, Dunford C** (2006). Household Food insecurity and daily per capita food expenditure in Bolivia, Burkina Faso and the Philippines. Poster at the International Conference “Biotechnology Approaches for Alleviating Malnutrition and Human Health” in Bangalore, India.
3. Holben DH, Taylor C, Melgar-Quinonez H. Use of four models to assess BMI differences among US adults by gender and household adult food security status. The FASEB Journal. 2006; 20 (5) Abstract 649.1: A 1003.
4. **Melgar-Quinonez H, Taylor C, Holben DH.** Differences in the prevalence of obesity by race/ethnicity and adult food security status among US adults. The FASEB Journal. 2006; 20 (5) Abstract 649.5: A 1004.
5. Lorson BA, Melgar-Quinonez H, Taylor C. Determinants of fruit and vegetable intake in US children. The FASEB Journal. 2006; 20 (5) Abstract 650.9: A 1008.
6. Zubieta AC, **Melgar-Quiñonez H, Taylor C.** Breastfeeding practices in US households by food security status. The FASEB Journal. 2006; 20 (5) Abstract 649.6: A 1004.

7. Johnson M, Patterson S, Lambeca MC, Zubieta AC, **Melgar-Quiñonez H**. Impact of a health and nutrition intervention on low-income Latinos in central Ohio. *The Faseb Journal*. 2006; 20 (5) Abstract 650.3: A 1007.
8. Hromi A, Pérez-Escamilla R, Bermúdez-Millán A, Chapman D, Segura-Pérez S, Damio G, **Melgar-Quiñones H**. Pre-gravid BMI and food insecurity during pregnancy among Latinas. *The Faseb Journal*. 2006; 20 (5) Abstract 649.2: A 1004.
9. Taylor CA, **Melgar-Quinonez HR**, Holben DH. Examination of rates of obesity and metabolic syndrome in food secure and food insecure adults from NHANES 1999-2002. American Dietetic Association Food & Nutrition Conference and Exhibition, October 2005, St. Louis, MO. *Journal of the American Dietetic Association - August 2005 (Vol. 105, Issue 8 (Supplement), Page 63)*
10. Taylor CA, Holben DH, **Melgar-Quinonez HR**. Proportion of recommended intakes and nutritional adequacy of food intakes of adults with carrying levels of food security. American Dietetic Association Food & Nutrition Conference and Exhibition, October 2005, St. Louis, MO. *Journal of the American Dietetic Association - August 2005 (Vol. 105, Issue 8 (Supplement), Page 63)*
11. **HR Melgar-Quinonez**, Mark Nord, Rafael Perez-Escamilla, Ana Maria Segall-Correa. Psychometric properties of the US-household food security module in Campinas, Brazil. Oral presentation at the Experimental Biology Meeting. *The Faseb Journal*. 2005; 19 (5) Abstract 748.3: A 1350.
12. Pérez-Escamilla R, Parás P, Dolkar T, **Melgar-Quiñonez H**. The USDA food security module is a valid tool for assessing household food insecurity in Mexico City. Oral presentation at the Experimental Biology Meeting. *The Faseb Journal*. 2005; 19 (5) Abstract 748.4: A 1350.
13. Montoya Puerta EC, Alvarez-Uribe MC, Estrada-Restrepo A, **Melgar-Quiñonez, HR**. Validation of a household food security scale in Antioquia, Colombia. Oral presentation at the Experimental Biology Meeting. *The Faseb Journal*. 2005; 19 (5) Abstract 748.6: A 1350.
14. Zubieta AC, **Melgar-Quinonez HR**, Dunford C. Relationship between household food security and food expenditure in Bolivia. Oral presentation at the Experimental Biology Meeting. *The Faseb Journal*. 2005; 19 (5) Abstract 748.7: A 1350.
15. Johnson M, **Melgar-Quinonez HR**, Zubieta AC. Food security and household food supplies in rural Ecuador. Poster presentation at the Experimental Biology Meeting. *The Faseb Journal*. 2005; 19 (5) Abstract 595.3: A 1023
16. **Melgar-Quinonez, HR**, Nord M, Dunford C. Testing food security scales for low-cost poverty assessment. Oral presentation. Session Title: Measurement and Consequences of Household Food Insecurity. Experimental Biology Washington DC, April 2004.
17. Vogt R, Martin A, Metz D, Espinoza-Hall G, **Melgar- Quiñonez H**, Smith D, Kaiser LL Food Insecurity and Eating Behavior Among Immigrant Latino Women. Submitted to Society for Nutrition Education, 2004.
18. LL Kaiser, E Valdez Curiel, **H Melgar Quiñonez**, and AC Zubieta, Poster: Development of a tool to monitor food insecurity in the Sierra de Manantlán,

- Mexico. American Public Health Association 131st Annual Meeting. San Francisco, California. November, 2003
19. **Melgar-Quiñonez HR**, Zubieta AC , Moermond TC Poster: Seguridad alimentaria en comunidades rurales de América Latina: diagnóstico cualitativo. XIII Conference of the Sociedad Latinoamericana de Nutrición. Acapulco, Mexico. November 2003.
 20. **Melgar-Quiñonez HR**, Zubieta AC, Kaiser LL, Valdez E, Moermond TC. Seguridad alimentaria y disponibilidad de alimentos en hogares del área rural. XIII Conference of the Sociedad Latinoamericana de Nutrición. Acapulco, Mexico. November 2003.
 21. **Melgar-Quinonez, HR**, Dunford C. Food security scales for low-cost poverty assessment. The SEEP Network, Annual General Meeting and Workshops. Poverty Assessment Session. Washington DC, October 2003
 22. Lucia L. Kaiser, RD, Ph.D., **Melgar-Quiñonez H**, Ana C. Zubieta, Ph.D. Symposium: Food Security from a Focus Group Perspective. Food Insecurity in Latin American rural communities and in Latinos of California: Focus groups observations. 9th International Conference of Qualitative Health Research, Guadalajara, Mexico. February 2003.
 23. Crawford P, Townsend MS, Nicholson Y, Fujii M, Lamp C, Harwood J, Feldman N, Martin A, **Melgar-Quiñonez H**. Oral presentation: “Relationship of overweight to food insecurity in Latino children.” Session: Overweight/Obesity in children and Adolescents; 5103.0. Presented at the Conference of the American Public Health Association (APHA), Philadelphia, PA. November 2002. Abstract # 50337.
 24. Townsend M, **Melgar-Quinonez H**. Oral presentation: “Examining the relationship between food security and overweight using reported and measured heights and weights for children using U.S. national representative data.” Presented at the Food Assistance and Nutrition Research Small Grants Conference. Economic Research Service, Washington, D.C. October 2002.
 25. **Hugo Melgar-Quinonez**. Oral presentation: “Food Insecurity in Latin American Rural Villages: A Qualitative Assessment.” Presented at the Global Livestock CRSP Program Conference. Washington D.C. October 2002.
 26. Lucia L. Kaiser, PhD RD; Marciel A. Klenk, CFCS; Anna C. Martin, MA; Anna Olivares; Amy B. Joy, PhD; **Hugo Quinonez-Melgar**, MD. Poster: “Take Care of Yourself: Diabetes-related Health Beliefs in Low-Income Latinos.” Presented at the Symposium: Bridging the Gap with Education Diabetes. Center for 4-H and Youth, Family, and Adult Development. West Virginia University Extension Service. Morgantown, WV . October 2002.
 27. **Melgar-Quiñonez H**. Oral Presentation: “Nutrition, food security and health in Latinos in California.” Speaker at the 10th Latino Health Conference, Latinos Stepping in the 21st Century. Santa Rosa, CA. October 2002 .
 28. Zubieta AC, **Melgar-Quiñonez H**. “Inseguridad Alimentaria en Comunidades Rurales de América Latina: Un Estudio Cualitativo”. Presented at the Annual Conference of the Project Community Planning for Sustainable Livestock Based Forested Ecosystems in Latin America. Universidad de Guadalajara, Centro Universitario de la Costa Sur. Autlán, México. July 2002.

29. Kaiser LL, **Melgar-Quiñonez H**, Townsend MS, Martin AC, Metz D, Nicholson Y, Fujii ML, R.D.; Lamp C. “Estimated validity of a food security instrument in Latinos.” Presented at the Conference of the Society of Nutrition Education, St. Paul, Minnesota. July 2002.
30. **Melgar-Quiñonez H**, Zubieta AC, Moermond T. Poster: “Food insecurity in Latin-American rural villages: qualitative assessment.” Presented at the Conference of the Global Livestock-Collaborative Research Support Program: Animal Source Foods and Nutrition in Developing Countries. Washington D.C. June 2002.
31. Kaiser LL, **Melgar-Quinonez H**. Oral presentation: “Validation of Food Security Instruments in Hispanic Households.” Presented at the Conference of the Food Assistance and Nutrition Research Small Grants.. Economic Research Service, Washington, D.C. October 2001.
32. **Melgar-Quiñonez H**, L.L. Kaiser. Poster: “Exploración de conocimientos, creencias y practicas de salud relacionadas con diabetes tipo 2 en Mexico-Americanos a través de grupos focales y cuestionarios.” Presented at the SLAN Conference (Sociedad Latinoamericana de Nutrición), Buenos Aires, Argentina. November 2000
33. **H.R. Melgar-Quiñonez**, L.L. Kaiser. Oral presentation: “Predictors of overweight in low-income Latino preschoolers.” Mini-symposium: Nutrition Education II. Presented at the Experimental Biology Conference (FASEB). San Diego, CA. April 2000.
34. **H.R. Melgar-Quiñonez**, L.L. Kaiser. Oral presentation: “Impact of Acculturation in the Nutritional Status of Preschoolers of Low-income Families in California.” Presented at the Conference of the American Public Health Association (APHA). Chicago, Ill. November 1999.
35. Kaiser LL, **H.R. Melgar-Quiñonez**, C.L Lamp, J.M. Sutherlin, J.O. Harwood, M.C. Johnson. Oral presentation: “Food insecurity and nutritional outcomes in Latino preschoolers.” Presented at the Conference of the American Dietetics Association (ADA). Atlanta, Georgia. October 1999.
36. M.E. Flores, **H.R. Melgar-Quiñonez**, Rivera M., Cortez C., Rivera J. Poster: “Efecto de la suplementación con vitaminas y minerales en la prevalencia de enfermedades diarreicas agudas y respiratorias en niños de un área rural en México”. Presented at the SLAN Conference (Sociedad Latinoamericana de Nutrición), Guatemala, Guatemala. November 1997.

GRANTS

1. Assessing the Relationship between Food Insecurity and Obesity in Low-Income Women. To be submitted in October 2006. Principal Investigator. \$50,000. Funded by OARDC Seeds Grant Program.
2. September 2005-June 2006. Choice Food Pantry: Community Feedback, Improvement and Dissemination. In collaboration with OSU Extension in Butler County, Ohio. \$7,500.00. Funded by OSU CARES. Principal investigator.
3. October 2004-June 2005. Healthy Latinos Initiative. Evaluation of a community intervention project in collaboration with Centro Esperanza Latina, Columbus,

- Ohio. \$45,500.00. Funded by the Ohio Minority Health Office. Principal investigator.
4. November 2004-June 2005. Jumping into Food and Fitness. Applying 4-H curriculum in Latino After-School programs in Columbus, Ohio. \$15,400.00 Funded by OSU 4-H. Principal Investigator.
 5. February 2003-February 2004. Co-author of the proposal: Testing Food Security Scales for Low-Cost Poverty Assessment. Study conducted in Bolivia, Burkina Faso, Ghana and the Philippines. Other co-authors: Christopher Dunford, Director of Freedom from Hunger, Davis, California. Funded by: Consultative Group to Assist the Poor (CGAP) at the World Bank, Small Enterprise Education and Promotion Network, and the FANTA Project. \$80,000. Principal investigator. Principal investigator.
 6. October 2000-September 2003. A Participatory Model for the Identification and Implementation of Food-Based Strategies to Alleviate Food Insecurity and to Improve the Nutritional Status of Isolated Rural Communities. Principal Investigator: Dr. Timothy C. Moermond, International Agricultural Programs, University of Wisconsin-Madison. Funded by USAID to the Global Livestock-Collaborative Research Support Program \$150,000.00. Role: Co-Principal investigator.
 7. July 2001-December 2002. UCMEXUS-collaborative grant: Development of a Measurement Tool to Assess Food Insecurity in Communities Located in the Sierra de Manantlán Biosphere Reserve. Principal Investigator: Lucia L. Kaiser RD, Ph.D. Cooperative Extension, University of California, Davis. \$25,000.00. Role: Project Director
 8. October 2001-September 2002. Economic Research Service (USDA) -grant: Hunger, Food Insecurity and Child Obesity. Principal Investigator: Marilyn Townsend, PhD. Department of Nutrition, University of California, Davis. \$29,900.00. Project Director
 9. September 2002. Testing of a Household Food Security Tool within a Farmer Experimentation Project in Rural Communities of La Cueva, Bolivia funded by the Small Grants Program for Research on Population, Food and the Environment, sponsored by the Gifford Center for Population Issues. \$3,000.00. Project Director.
 10. October 2000-September 2001. Economic Research Service (USDA) -grant: Face and External Validity of the Core Food Security Module and Participation of Latino Families in Food Assistance Programs in California. Principal Investigator: Lucia L. Kaiser Ph.D. Cooperative Extension, University of California, Davis. \$34,000.00. Project Director

PENDING GRANTS

11. Multi-State Peer Educator Nutrition Trial among Latina WIC Participants (*PENTA-LAT*). Submitted in June 2006 to USDA-NRI. Co-authored with: Rafael Pérez-Escamilla (PI) University of Connecticut), Hector Balcazar and Robert Saunders (University of Texas-El Paso), and Alfredo Mejía (Loma Linda University). Role: Co-Principal Investigator. \$360,000 per site.

12. Assessing the Relationship Between Food Insecurity and Child Overweight. Submitted in June 2006 to USDA-NRI, Research Project, 31.5 Human Nutrition and Obesity. Co-authored with Christopher Taylor PhD, OSU Medical Dietetics Division. Role: Co-Principal Investigator. \$499,510.

PROFESSIONAL AFFILIATIONS

- Board of Editors for the Journal of Nutrition Education and Behavior (JNEB).
- Affiliate member of The Connecticut Center of Excellence for Eliminating Health Disparities among Latinos (CEHDL).
- American Society of Nutritional Sciences (ASNS) – Member
- Sociedad Latinoamericana de Nutrición (SLAN) - Member
- Center for International Agricultural Development (CIAD) – Member

PEER REVIEW FOR PROFESSIONAL JOURNALS

- Member of the Board of Editors, *Journal of Nutrition Education and Behavior*, January 2007 – July 2010
- Ad Hoc Reviewer, *American Journal of Public Health*
- Ad Hoc Reviewer, *Journal of Nutrition Education and Behavior*

ACADEMIC SERVICE

- Undergraduate Studies Committee, Department of Human Nutrition, Ohio State University.
- October 2003 – June 2006. Graduate Studies Committee, Department of Human Nutrition, Ohio State University
- Graduate Student Representative to the Academic Board at the Mexican School of Public Health. (1995-1996)
- Chair of the International Students Association at the Friedrich Schiller University, Jena, Germany. (1988-1989)
- Vice-president of the International Students Association at the Friedrich Schiller University, Jena, Germany. (1987-1988)

HONORS AND FELLOWSHIPS

- **1991** Deutsches Ministerium fur Entwicklung und Zusammenarbeit. 6-months fellowship at the School for Tropical Agriculture, University of Kassel, Germany.
- **1986** Outstanding Student Award of the Ministry of Higher Education, German Democratic Republic.
- **1985** Salvador-Allende-Award for Outstanding Foreign Students. Ministry of Higher Education, German Democratic Republic.
- **1983-1990** Friedrich Schiller Universitaet, Jena, Germany, Seven-year fellowship to study at the School of Medicine in Jena
- **1980-1982** Universidad de San Carlos de Guatemala two-year fellowship to study at the School of Medicine in Guadalajara, Mexico.