

CURRICULUM VITAE
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I. EDUCATION, HONORS AND WORK EXPERIENCE

A. Educational Background

2001 **Ph.D. in Metabolism/Nutrient-gene interactions**

University of Texas at Austin, TX. USA.

Dissertation Title:

- Functional mapping and characterization of the responsive region required for polyunsaturated fatty acid regulation in the rat fatty acid synthase gene.

1995 **Pediatric Residency**

National Institute of Pediatrics, Mexico City. Mexico.

Thesis Title(s), published in Spanish:

- Biotin supplementation affects lymphocyte carboxylases and plasma biotin in severe protein-energy malnutrition
- Bacterial resistance of nosocomial and community strains in four services of the National Institute of Pediatrics (intensive therapy, infectious diseases, neonatology, and emergency care).

1986 **Medical Degree**

Universidad Nacional Autónoma de México. Mexico City, Mexico
Special distinction for 4.0 GPA in medical school.

B. Academic Positions

2017 - Current **Course Director Nutrition and Metabolism**

Carle Illinois College of Medicine
University of Illinois at Urbana-Champaign

2016 - Current **Research Assistant Professor**

Department of Human Development and Family Studies (HDFS)
College of Agricultural, Consumer and Environmental Sciences (ACES)
Division of Nutritional Sciences (DNS)
Faculty Affiliate of: Department of Psychology
Family Resiliency Center
Center for Latin American Affairs
University of Illinois at Urbana-Champaign

2015 - Current **Extension Specialist Hispanic Health Programs**

Cooperative Extension
University of Illinois at Urbana-Champaign

2011 - Current **Faculty Affiliate,**

Illinois Transdisciplinary Obesity Prevention Program (I-TOPP)
University of Illinois at Urbana-Champaign

- 2008-2016 **Assistant Professor**
 Department of Food Science and Human Nutrition (FSHN)
 Division of Nutritional Sciences
 Faculty Affiliate of: Department of Psychology
 Family Resiliency Center
 Center for Latin American and Caribbean Studies
 University of Illinois at Urbana-Champaign
- 2006-2008 **Associate Scientist.** Human Genomics Laboratory.
 Co-Director Cell Culture Core Laboratory.
 Pennington Biomedical Research Center,
 Louisiana State University (LSU) System, Baton Rouge, Louisiana.
- 2001-2005 **Post-Doctoral fellow** in Genetic Epidemiology
 Human Genomics Laboratory
 Pennington Biomedical Research Center, LSU System, Louisiana.
- 1999-2000 **Teaching Assistant.** Introductory Nutrition course and Laboratory,
 The University of Texas at Austin, Texas.
- 1995-1996 **Pediatrician (Research Associate/Clinical work).**
 National Institute of Pediatrics / Instituto Nacional de Pediatria (INP).
 Mexico City. Mexico.
- 1992-1995 **Pediatric Residency/Clinical fellow.**
 National Institute of Pediatrics (INP). Mexico City. Mexico.
- 1991-1992 **Research Assistant.** Unidad de Genetica de la Nutricion,
 Area of study: malnutrition/Inborn errors of metabolism.
 National University Autonomous of Mexico (UNAM), Mexico City.

C. Scholarships, Honors and Awards

- 2018 University of Illinois Incomplete List of Teachers Ranked As Excellent by Their Students. Received for teaching HDFSD 494/FSHN 499 based on Instructor and Course Evaluation questionnaire forms (top 10% of faculty) Spring and Fall.
- 2017 Outstanding Instructor Award in recognition for exemplary Instruction of McNair Scholars. Office of Minority Student Affairs. TRiO Ronald E. McNair Postbaccalaureate Achievement Program. "Your course and the Abriendo Caminos research has helped recruit and mold many McNair scholars." University of Illinois.
- 2017 University of Illinois Incomplete List of Teachers Ranked As Excellent by Their Students. Received for teaching HDFSD 494/FSHN 499 based on Instructor and Course Evaluation questionnaire forms (top 10% of faculty) Spring and Fall.
- 2016 University of Illinois Incomplete List of Teachers Ranked As Excellent by Their Students. Received for teaching FSHN 499 based on Instructor and Course

- Evaluation questionnaire forms (top 10% of faculty).
- 2015 Team Research Excellence Award, "Illinois Transdisciplinary Obesity Prevention Program" College of ACES, University of Illinois
- 2015 Patriot Award, Employer Support of the Guard and Reserve, U.S. Military. Awarded to individual supervisors who have demonstrated outstanding support for a Guard and Reserve employee and his or her family (Katie Robinson, MPH, Ph.D., RD, member of the National Guard, nominated me)
- 2011-18 Council member-at-large, elected, at the Obesity Society
- 2013 Faculty award from the Nutritional Students Graduate Student Association (NSGSA) for extraordinary support and mentorship of DNS graduate students.
- 2012 Travel award from the College of Agricultural, Consumer and Environmental Sciences, University of Illinois at Urbana-Champaign.
- 2012 University of Illinois Incomplete List of Teachers Ranked As Excellent by Their Students. Received for teaching NUTR510/FSHN 520 (2012) based on Instructor and Course Evaluation questionnaire forms (top 10% of faculty) maintained by the Office of Instructional Resources.
- 2011 Travel award from the College of Agricultural, Consumer and Environmental Sciences, University of Illinois at Urbana-Champaign.
- 2011 Minority Affairs Committee, American Society for Nutrition 2011. Selected for the Leadership training course, Danone Institute.
- 2010 Top Paper Award, Children, Adolescents, and Media division, International Communication Association, Singapore, for Harrison et al., "Toward a developmental conceptualization of contributors to overweight and obesity in childhood: The Six-C's model."
- 2010 Chair elected for the Latin American Affairs Section at The Obesity Society
- 2009 Recognized Member of the Mexican National System of Researchers (SNI, Level II). *Merit membership managed and ranked by the Mexican Government*
- 2009 Faculty mentoring in the Research Apprentice Program II of the College of ACES – University of Illinois, Summer program
- 2003 Pilot grant award. Health & Performance Enhancement Division. Pennington Biomedical Research Center. Louisiana State University System, Louisiana.
- 2000 Recipient of the Continuing Graduate Students Fellowship, Graduate School. The University of Texas at Austin
- 1998 Award "Aaron Saenz" in Pediatric Research by the National Institutes of Health. Research work: "Urinary organic acids in infant malnutrition." Mexico
- 1998 Graduate Student Research Award. American Society for Nutritional Sciences.
- 1995 Award for best Pediatric National Thesis by the Asociacion Mexicana de Pediatría. Annual award presented for pediatric research conducted during the residency, title: "*Biotin supplementation affects lymphocyte carboxylases and plasma biotin in severe protein-energy malnutrition*" published in Am J Clin Nutr; 61(2): 385-391

D. Research Awards Received by Mentees during Training with Dr. Teran at the University of Illinois.

- 2017 **Ryan Walton** Senior in HDFS, received the award for Outstanding Oral Presentation in Health & Wellness at the Undergraduate Research Symposium.

- 2016** **Amanda Ayers** Senior in Dietetics, received the award for Outstanding Oral Presentation in Health & Wellness at the Undergraduate Research Symposium.
- 2016** **Leila Diab** Junior in Dietetics, received the award for Outstanding Poster Presentation in Health & Wellness at the Undergraduate Research Symposium.
- 2015-18** **Bridget Hannon** *James L. Robinson Nutrition Impact Award* by the Division of Nutritional Sciences to extraordinary service beyond professional development. Recognizes her commitment to expanding nutrition knowledge, *William C. Rose Endowed Research Travel Award*, Division of Nutritional Sciences. Poster Competition Winner, Nutritional Sciences Graduate Student Association Symposium. *Travel Award, Strengthening Causal Inference in Behavioral Obesity Research*, Nutrition Obesity Research Center, University of Alabama at Birmingham. Latin American Affairs Section *Abstract Competition, Second Place*, and Bio-behavioral Research Section *Abstract Competition, Top 10 Finalist*, The Obesity Society, Obesity Week 2016, New Orleans, LA. Nutrigenomics, Nutrigenetics, and Precision Nutrition *Short Course Scholarship*, Nutrition Research Institute, University of North Carolina. *Toshiro Nishida Endowed Travel Award*, Division of Nutritional Sciences. *Margin of Excellence Travel Award*, Division of Nutritional Sciences.
- 2016-17** **Viridiana Luna** *Graduate College Distinguished Fellowship*. Division of Nutritional Sciences *Margin of Excellence Student Research Funds*. Strengthening Causal Inference in Behavioral Obesity Research Short Course *Travel Scholarship*, University of Alabama at Birmingham.
- 2013** **Anthony Wang** Recipient of the NIFA/USDA fellowship
- 2013** **Itzel Vazquez** Recipient of the international fellowship from the American Association of University Women.
- 2012** **Amanda Krause** Food Science and Human Nutrition, selected as Outstanding Senior in Human Nutrition as Undergraduate Student, University of Illinois.
- 2011-16** **Katie Robinson (Paige)** *James L. Robinson Nutrition Impact Award* by the Division of Nutritional Sciences to extraordinary service beyond professional development. Recognizes her commitment to expanding nutrition knowledge not only at the military base but also at the clinical and community level. *First place in the Division of Nutritional Sciences Research Symposium, Champaign, IL. Second place in the Illinois Transdisciplinary Obesity Prevention Program 2013 Biennial Symposium, Champaign, IL.* Poster title: Prevalence of food allergies and asthma and associated risk factors in the STRONG Kids Program. *Second place in the Division of Nutritional Sciences Research Symposium, Champaign, IL.* Poster title: Prevalence of food allergies and asthma and associated risk factors in the STRONG Kids Program. *Abbott Innovation University Challenge Runner Up*, project title: GAMING: Growing up with Abbott- Moving and Improving Nutrition Group. Category: Leveraging social media to identify new clinical, commercial or business opportunities. *Recipient of the Illinois Transdisciplinary Obesity Prevention Program (I-TOPP) scholarship* USDA-NIFA.
- 2010** **Alefiyah Master** Food Science and Human Nutrition Outstanding Senior in Food Industry and Business Undergraduate Student, University of Illinois
- 2010** **Hannah Roosevelt** Selected as Outstanding Senior in Dietetics as Undergraduate Student, FSHN, College of ACES. University of Illinois

2009-12 Michelle Mosley American Society for Nutrition. *MARC Travel Award* Recipient. *Blanche Larson Merit Award* Recipient. *Alice & Charlotte Biester Merit Award* Recipient. *Bonnie Puls Raths Memorial Fellowship* Recipient. University of Illinois.

E. Professional Societies

Society’s Membership: American Society for Nutrition (ASN)
 The Obesity Society (TOS)
 American Heart Association (AHA)
 Society for Nutrition Education and Behavior (SNEB)

Society’s Service:

2011-2017 Elected Council member at large for Mexico at The Obesity Society
 2017-2018 Minority and Diversity Affairs Committee *ex officio* chair, at ASN
 2017 Chair and Judge ASN Young Minority Investigator Oral Competition
 2014-2016 Chair of the Minority Affairs Committee at the American Society for Nutrition
 2010-2013 Member of the Minority Affairs Committee at ASN
 2012- Interim Council Liaison for the Diversity Section at The Obesity Society
 2010-2011 Chair-Elect for the Latin American Affairs Section at The Obesity Society
 2010- Member of Education Task Force of the Medical Nutrition Council at ASN
 1992-1993 Founder and President of the Society of Residents and Ex-Residents of the National Institute of Pediatrics, Mexico

F. Editorial Boards and Publication Review Contributions

2010-2012 Journal of Nutrigenetics and Nutrigenomics, editorial board.
Ad hoc reviewer for: BMC Medical Genetics, European Journal of Nutrition, Journal of Diabetes and Its Complications, Journal of Nutritional Biochemistry, Journal of Nutrition, Journal of Sports Sciences, Gene, Nutrition Reviews Nutrients, Journal of Nutrigenetics and Nutrigenomics (now: Lifestyle Genomics)

II. FUNDED RESEARCH PROJECTS AND SOURCES

A. Principal Investigator

<p>PI: Teran-Garcia M, Co-PIs: Donovan S.M., Khan, N., Bost K.K., Fiese B.H., Musaad, S. Pan, Y.K. 2018-2020</p>	<p>Future of Interdisciplinary Research Explorations (FIRE) Seed Grants, College of ACES Office of Research. <i>Genetic and Epigenetic contributions to child health outcomes in the STRONG kids 2 cohort</i></p>	<p>\$60,000</p>
<p>PI’s: Teran-Garcia, M. Rowitz, B. Co-I: Hannon B. 2017 – 2019</p>	<p>College of ACES/Division of Nutritional Sciences Vision 2020 Grant <i>“Pre-Operative Weight Loss Protocol: Fasting Glucose, Insulin-resistance Control, and Healthful Surgical Outcomes” (pOWL-FINCH).</i></p>	<p>\$20,000</p>

<p>PIs: Teran-Garcia, M. Brooks, J 2017-18</p>	<p>University of Illinois - ACES, Office of International Programs, <i>Academy for Global Engagement, Scholars grant</i>. Exchange with the University of Cape Town Cape Town, South Africa. "Clearing the path to health: baby steps for the first 1000 days".</p>	<p>\$10,000</p>
<p>PIs: Hannon, B. (grad student) Teran-Garcia, M. (mentor) 2016</p>	<p>Division of Nutritional Sciences Margin of Excellence Award <i>"About Biology & Clan (ABC): An Abriendo Caminos Subproject"</i></p>	<p>\$1,800</p>
<p>PI: Teran-Garcia M. Co-Is: Wiley A., Fiese B.H., and PDs from CA, TX, IA and PR. 2015-2020</p>	<p>USDA/NIFA proposal 2014-08316. <i>Improving the Health of Hispanic Children and Their Families with a Community-Based Curriculum: "Abriendo Caminos."</i> (Tracking number: GRANT11683127) USDA-NIFA</p>	<p>\$3,340,000</p>
<p>PIs: Wiley, A.R., Teran-Garcia, M. (I-TOPP mentors) Co-PIs: Figueroa, R., Hannon, B. (I-TOPP scholars) 2015 - 2016</p>	<p>I-TOPP seed grant <i>Childhood Obesity Prevention Among Latino Households and Families: A Randomized Control Trial</i></p>	<p>\$9,806</p>
<p>PI: Teran-Garcia M., Co-Is: Erdman J.W., Andrade F.C.D. 2014-2016</p>	<p>University of Illinois - Division of Nutritional Sciences. Vision 20/20 projects. <i>Polymorphic variants in the BCMO1 gene: associations with obesity, lipoprotein profile and retinol intake among young Mexicans.</i></p>	<p>\$20,000</p>
<p>PIs: Teran-Garcia M., Wang A., Donovan S.M. 2014-2015.</p>	<p>I-TOPP seed grant <i>Microbial and genetic influences on childhood obesity.</i></p>	<p>\$10,000</p>
<p>PI: Teran-Garcia M. Co-Is: Tovar C. 2014</p>	<p>University of Illinois - College of ACES Office of International Programs Seed Grant <i>Obesity, metabolic disease, and kidney damage.</i></p>	<p>\$4,000</p>
<p>Co-PIs: Teran-Garcia M., Wiley A., Co-Is: Raffaelli M., Andrade F.C.D. 2013-2015</p>	<p>UIUC: FIRE Seed Grants, College of ACES Office of Research. <i>I-BRIDGE: Illinois-Building Research Interactions to Distinguish Genetic and Environmental factors.</i></p>	<p>\$40,000</p>
<p>PI: Teran-Garcia, M. 2013-2015</p>	<p>USDA/NIFA-HATCH <i>GET UP KIDS: Gene-Environment Trajectories in the Up-Amigos and STRONG Kids Projects.</i></p>	<p>\$9,000</p>

<p>PI: Teran-Garcia, M. Co-I: Paige N.K., Rowitz, B. 2013 – 2014</p>	<p>I-TOPP seed grant <i>Changes in inflammatory cytokines in adolescents receiving bariatric surgery (I- OWLS).</i></p>	<p>\$9,899</p>
<p>PI: Teran-Garcia, M. Co- PIs: Donovan S.M., Gaskins H.R. 2011 – 2012</p>	<p>I-TOPP seed grant <i>Non-invasive obesity biomarkers: How about gas?</i></p>	<p>\$9,987</p>
<p>PI: Teran-Garcia, M. Co-PIs: Donovan S.M., Gaskins H.R., Rodriguez- Zas S., Chen H., Wiley A., and STRONG kids 2011</p>	<p>University of Illinois - College of ACES. <i>Systems biology platform to understand gene-environment (nutrient) interactions.</i></p>	<p>\$30,500</p>
<p>PIs: Teran-Garcia, M., and Aradillas-Garcia, C. 2011</p>	<p>University of Illinois - College of ACES/ CONACYT <i>Obesity and retinol: a nutrigenomic approach.</i></p>	<p>\$8,000</p>
<p>PI: Teran-Garcia, M. 2011</p>	<p>University of Illinois - Office of the Vice Chancellor for Research. <i>Scholars' Travel Program</i></p>	<p>\$650</p>
<p>PI: Teran-Garcia M., Co-Is: Donovan SM, Evans E. 2010 – 2011</p>	<p>University of Illinois - Research Board <i>Early identification of childhood obesity: assessing body composition and genetic markers.</i></p>	<p>\$17,000</p>
<p>PI: Teran-Garcia, M. 2010</p>	<p>University of Illinois - ACES, Office of International Programs, seed grant <i>Travel award for scholar exchange with UASLP.</i></p>	<p>\$2,500</p>
<p>PI: Teran-Garcia M., 2008 – 2013</p>	<p>USDA/NIFA-HATCH <i>Prevent Obesity and Nutrition-related Diseases: Environmental Resources and Genomics. (PONDER-G).</i></p>	<p>\$70,000</p>

B. Co-Principal Investigator

<p>PI: H. Holscher, Y. Pepino, J. Amengual, J. Erdman, Y.-X. Pan, N. Khan, M. Teran- Garcia, and W. O'Brien 2019-2020</p>	<p>Special Purpose Equipment proposal submitted to the Office of Research College of ACES Purchase of an ultrasound (US) system with a research interface for Liver Ultrasonography</p>	<p>\$74,999</p>
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<p>PI's: J. Hsu-Lumetta, MD, A. Arain, MD, PGY3, P. Pradeep, MD, PGY 2, Co-PI: Teran-Garcia, M., MD, Ph.D. 2018 – 2019</p>	<p>“Nutrition knowledge, attitude and practice among Internal Medicine residents and Primary Care physicians.” Carle Clinical Research Award.</p>	<p>\$5,000</p>
<p>PI's: Rowitz, B., Teran-Garcia, M. Co-I: Paige N.K., 2016 – 2018</p>	<p>“Longitudinal follow-up of the Individualized Outcomes of Weight Loss Surgery (I-OWLS) cohort” Neal Family Research Fund, Carle Foundation Hospital.</p>	<p>\$12,000</p>
<p>Wiley, A., McCaffrey, J., Teran-Garcia, M. & Schwingel, A. 2014-2016</p>	<p>Illinois Extension Engagement Initiative Grant. <i>“Building a Latino Health Ambassadors Program with Abriendo Caminos”</i>. Project to adapt Abriendo Caminos for a model with promotora/volunteer delivery as part of an Illinois Extension Master FCS program and develop infrastructure for volunteer training program.</p>	<p>\$198,910</p>
<p>Magerko, K., Aujla, P., Logan, S., (all graduate students) Teran Garcia, M., Ahmad, I. & Wiley A. (all faculty mentors) 2014</p>	<p>Focal Point Award. University of Illinois Graduate College. <i>A Multidisciplinary Approach to Addressing Health Care Disparity in Local and Global Communities. Build a transdisciplinary health-related professions community with our campus, the local community and in Mexico.</i></p>	<p>\$15,000</p>
<p>Co-PIs: Donovan S.M., Fiese B.H. Co-Is: Bost K.K., Lee S.Y., McBride B., Teran-Garcia M. 2012-2017</p>	<p>Dairy Research Institute <i>STRONG Kids 2: A cells-to-society approach to nutrition in early childhood.</i></p>	<p>\$1,068,758</p>
<p>PI: Bost K.K., Co-PIs: Liechty J.M., Teran-Garcia, M. 2011-2012</p>	<p>I-TOPP seed grant <i>Children’s Emotion and Food Consumption: Genetic and Relational levels of Influence.</i></p>	<p>\$9,899</p>
<p>Co-PIs: Donovan S.M., Fiese B.H., Buchner D.M., Johnson R.W. Co-Is: Bost K.K., Grigsby-Toussaint D., Gundersen C., Harrison K., Hillman C., Kim J., Lee S.Y., Liechty J., McBride B., Teran-Garcia M., Wiley A. 2011-2017</p>	<p>USDA-NIFA 2011-67001-30101 <i>Illinois Transdisciplinary Obesity Prevention Program (I-TOPP).</i></p>	<p>\$4,500,000</p>

<p>PI: Chen H., Co-PIs: Teran-Garcia M., Pan YX., Dilger R., Dilger A. 2011-2012</p>	<p>University of Illinois College of ACES, Office of Research equipment grants program. Set up an epigenetic station for mid- to high-throughput upstream sample processing for epigenomic analysis.</p>	<p>\$75,000</p>
<p>PI: Chapman-Novakofski, K. CoIs: Diaz Rios, K., Donovan, S.M, de Mejia E, Teran-Garcia, M. 2011-2013</p>	<p>Preventing Diabetes in Hispanic Communities. Food and Family Program. Family Resiliency, University of Illinois.</p>	<p>\$49,667</p>
<p>Co-PIs: Fiese B.H., Donovan S.M., Bost K.K., McBride B., Grigsby- Toussaint D., Kim J.H., Koester B., Liechty J.M., Teran-Garcia M., Wiley A. 2010-2011</p>	<p>University of Illinois - Health and Wellness Initiative Seed Grant <i>Trajectories of Unhealthy Weight Gain and Eating Habits in Preschool-Age Children: A Cell-to-Society Approach.</i></p>	<p>\$50,000</p>
<p>PIs: Andrade F.C.D., Raffaelli M., Teran-Garcia M., Wiley A. 2010-2011</p>	<p>University of Illinois -CHAD Pilot Grant Program <i>UP- Amigos: A Collaborative Investigation of Risk-Factors Associated with the Development of Obesity and Related Diseases.</i></p>	<p>\$10,000</p>
<p>PI: Wiley A., Co-PI: Fiese B.H., Teran-Garcia M. 2009-2011</p>	<p>Robert Wood Johnson Foundation <i>"Abriendo Caminos" (Clearing the path). A 6-week intervention program to promote healthy eating and active living in Mexican immigrant families.</i></p>	<p>\$75,000</p>
<p>Co-PIs: Andrade F.C.D., Raffaelli M., Teran-Garcia M., Wiley A., Aradillas C., (and UASLP). 2008-2009</p>	<p>University of Illinois - Research Board, <i>From genes to environment: an analysis of the risk factors associated with metabolic syndrome and insulin resistance among adolescents and young adults in San Luis Potosi- Mexico.</i></p>	<p>\$20,000</p>
<p>PI: Harrison K., Bost K.K., McBride B., Donovan S.M. Co-PI: Teran-Garcia M., & 6 more 2008-2010</p>	<p>C-FAR Sentinel Grant. <i>The STRONG Kids Project: Cross-disciplinary investigation on media effects on childhood obesity and health within a family.</i></p>	<p>\$338,089</p>

C. Training Grants

<p>PI: Fiese B.H., and 10 more Teran-Garcia's role: Faculty Fellow 2013-2016</p>	<p>Transdisciplinary Obesity Prevention Program – Undergraduate (TOPP-U). <i>To establish an innovative transdisciplinary training program for undergraduates focused on obesity (flip-the-classroom).</i></p>	<p>\$746,928</p>
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PD: Wang A. Co-Is: Teran-Garcia M. , Donovan S.M. 2013 - 2015	USDA- NIFA National Needs Fellowship Program. <i>Genetic And Microbial Influences on the Development of Obesity in Children.</i>	\$79,000
PI: Caetano-Anollés G., Co- Is: Teran-Garcia M. (1 of 6 collaborators) 2010 - 2014	National Science Foundation DBI – Undergrad Research mentoring in biology, NSF Undergraduate Research and Mentoring in the Biological Sciences <i>Mentoring in 'New Biology' for Latino Undergraduate Students.</i>	\$662,836
PI: Teran-Garcia, M. Co- PIs: de Mejia, E., Thompson J. 2011 - 2015	USDA-AFRI, MS Program. <i>Multicultural Advocates in Nutrition Needs & Agriculture (MANNA) program.</i>	\$160,000

III. RESEARCH DISSEMINATION

A. Doctoral Thesis

Functional mapping and characterization of the responsive region required for polyunsaturated fatty acid regulation in the rat fatty acid synthase gene. University of Texas at Austin, TX. USA.

B. Peer-Reviewed Journal Publications

1 - 22 Prior to University of Illinois

23 - 66 Since arriving at the University of Illinois.

** indicates undergraduate student co-author at time of submission

* indicates graduate student co-author at time of submission

++ indicates postdoctoral scholar at the time of submission

+ indicates assistant professor at the time of submission

1. Velázquez A., **Terán M.**, Baez A., Gutiérrez J. and Rodríguez R. Biotin supplementation affects lymphocyte carboxylases and plasma biotin in severe protein-energy malnutrition. *Am J Clin Nutr* 1995; 61(2): 385-391.
2. Tusié-Luna M.T., Ramírez-Jiménez S., Ordoñez-S. M.L., Cabello-V. J., Altamirano-B. N., Calzada-L. R., Robles-V. C., Mendoza-M., Méndez J.P. and **Teran-Garcia M.** Low frequency of deletion alleles in patients with steroid 21-hydroxylase deficiency in a Mexican population. *Hum Genet* 1996; 98: 376-379.
3. **Teran-Garcia M.**, Ibarra I. and Velázquez A., Urinary organic acids in infant malnutrition. *Pediatric Research* 1998; 44(3): 386-391.
4. Rufo C., Gasperikova D., Clarke S.D., **Teran-Garcia M.** and Nakamura M.T. Identification of novel enhancer sequence in the distal promoter of the rat fatty acid synthase gene. *Biochem Biophys Res Commun* 1999; 261: 400-405.
5. Rufo C., **Teran-Garcia M.**, Nakamura M.T., Koo S.H., Towle H.C. and Clarke, S.D. Involvement of a unique carbohydrate-responsive factor in the glucose regulation of rat liver fatty-acid synthase gene transcription. *J Biol Chem* 2001; 276 (24): 21969- 75.
6. Xu J., **Teran-Garcia M.**, Park J.H., Nakamura, M.T. and Clarke, S.D. Polyunsaturated fatty acids suppress hepatic sterol regulatory element-binding protein-1 expression by accelerating transcript decay. *J Biol Chem* 2001; 276 (13): 9800-7.
7. **Teran-Garcia M.**, Rufo C., Nakamura M.T., Osborne T.F., and Clarke S.D. NF-Y

- involvement in the polyunsaturated fat inhibition of fatty acid synthase gene transcription. *Biochem Biophys Res Commun* 2002; 290 (4): 1295-9.
8. **Teran-Garcia M.**, Després, J.P, Couillard, C., Tremblay, A. and Bouchard, C. Effects of Long-Term Overfeeding on Plasma Lipoprotein Levels in Identical Twins. *Atherosclerosis* 2004; 173 (2):277-83.
 9. An P., **Teran-Garcia M.**, Rice T., Rankinen T., Weisnagel J.S., Bergman R.N., Boston R.C., Mandel S., Stefanovski D., Leon A.S., Skinner J.S., Wilmore J.H., Rao D.C. and Bouchard, C. Quantitative Trait Loci for prediabetes phenotypes in response to endurance training on chromosomes 6p, 7q and 19q in nondiabetic Whites and Blacks: The HERITAGE Family Study. *Diabetologia* 2005; 48 (6): 1142-9.
 10. **Teran-Garcia M.**, Rankinen T., Koza R., Rao D.C. and Bouchard, C. Endurance training-induced changes in insulin sensitivity and gene expression. *Am J Physiol Endocrinol Metab* 2005; 288 (6): E1168-78.
 11. **Teran-Garcia M.**, Santoro N., Rankinen T., Bergeron J., Rice T., Leon A.S., Rao D.C., Skinner J. S., Wilmore J.H., Bergman R. N., Després J.P. and Bouchard C. Hepatic Lipase Gene Variant -514C>T is associated with lipoprotein and insulin sensitivity response to regular exercise: The HERITAGE Family Study. *Diabetes* 2005; 54 (7):2251-2255.
 12. Adamson A.W., Suchankova G., Rufo C., Nakamura M.T., **Teran-Garcia M.**, Clarke S.D., and Gettys T.W. Hepatocyte nuclear factor-4alpha contributes to carbohydrate-induced transcriptional activation of hepatic fatty acid synthase. *Biochem J.* 2006; 399 (2): 285-95.
 13. **Teran-Garcia M.**, Adamson A.W., Yu G, Rufo C., Suchankova G., Dreesen T.D., Tekle M, Clarke S.D., and Gettys T.W. Polyunsaturated fatty acid suppression of fatty acid synthase (FASN): evidence for dietary modulation of NF-Y binding to the Fasn promoter by SREBP-1c. *Biochem J.* 2007; 402 (3):591-600.
 14. **Teran-Garcia M.**, Rankinen T., Rice T., Leon A.S., Rao D.C., Skinner J.S. and Bouchard C. Variations of the Four and a half LIM domain 1 gene (FHL1) are associated with fasting insulin and insulin sensitivity responses to regular exercise. *Diabetologia* 2007; 50(9):1858-66.
 15. **Teran-Garcia M.** and Bouchard C. Genetics of the Metabolic Syndrome. Review. *Appl. Physiol. Nutr. Metab* 2007; 32: 89-114.
 16. **Teran-Garcia M.**, Després J.P., Tremblay A. and Bouchard C. Effects of Cholesterol Ester Transfer Protein (CETP) gene polymorphisms on adiposity in response to long-term overfeeding in identical twins. *Atherosclerosis* 2008; 196(1):455-460.
 17. Ukkola O., **Teran-Garcia M.**, Tremblay A., Després J.P., and Bouchard C. Adiponectin Concentration and Insulin Indicators Following Overfeeding in Identical Twins. *J Endocrinol Invest* 2008; 31(2):132-7.
 18. **Teran-Garcia M.**, Rankinen T. and Bouchard C. Genes, Exercise, Growth and the Sedentary, Obese Child. *J Appl Physiol* 2008; 105:988-1001.
 19. Argyropoulos G., Stütz A.M., Ilnytska O., Rice T., **Teran-Garcia M.**, Rao DC, Bouchard C., and Rankinen T. KIF5B Gene Sequence Variation and Response of Cardiac Stroke Volume to Regular Exercise. *Physiol Genomics* 2009; 36:79-88.
 20. Stütz A.M., **Teran-Garcia M.**, Rao D.C., Rice T., Bouchard C. and Rankinen T. Functional identification of the promoter of SLC4A5, a gene associated with cardiovascular and metabolic phenotypes in the HERITAGE Family Study. *Eu J Hum Genetics* 2009; 17(11): 1481-9.

21. Rankinen T., Rice T., **Teran-Garcia M.**, Rao D.C. and Bouchard C. FTO genotype is associated with exercise training-induced changes in body composition. *Obesity* 2010; 18(2):322-6.
22. Rice T.K., Sarzynski M.A., Sung Y.J., Argyropoulos G., Stütz A.M., **Teran-Garcia M.**, Rao D.C., Bouchard C., Rankinen T. Fine Mapping of a QTL on chromosome 13 for submaximal exercise capacity training Response: the HERITAGE Family Study. *Eur J Appl Physiol.* 2012; 112(8):2969-78.
23. **Teran-Garcia, M.**, Andrade, F. C. D., Aradillas-Garcia, C. et al. Life-style, family environment, obesity and related risk factors among Mexican college student enrollees. *Obesity* 2010; 17: S161 Suppl. 2.
24. Harrison K., Bost K.K., McBride B.A., Donovan S.M., Grigsby-Toussaint D.S., Kim J., Liechty J.M., Wiley A., **Teran-Garcia M.** and *Jacobsohn G. C. Toward a developmental conceptualization of contributors to weight imbalance in childhood: The Six-Cs model. *Child Development Perspectives.* 2010; 5(1):50-58.
25. Andrade, F. C. D., *Vazquez-Vidal, I., *Flood, T., Aradillas-Garcia, C. , Vargas Morales, J., **Teran-Garcia, M.** One-year changes in weight are associated with changes in blood pressure in Mexican young adults. *Obesity*, 2010; 18: S-225 Suppl. 2.
26. *Shim JE, Kim J, *Mathai RA; **STRONG Kids Research Team** (Harrison K, Bost KK, McBride BA, Donovan SM, Grigsby-Toussaint DS, Kim J, Liechty JM, Wiley A, **Teran-Garcia M**, Fiese B, Bailey AB). Associations of infant feeding practices and picky eating behaviors of preschool children. *J Am Diet Assoc.* 2011; 111(9):1363-8.
27. *Cramer J.M., **Teran-Garcia M.**, Jeffery E.H. Enhancing sulforaphane absorption and excretion in healthy men through the combined consumption of fresh broccoli sprouts and a glucoraphanin-rich powder. *Br J Nutr.* 2012; 107(9):1333-8.
28. Andrade F.C., Raffaelli M., **Teran-Garcia M.**, **Jerman J.A., Aradillas-Garcia C. and Up Amigos 2009 Study Group. Weight status misperception among Mexican young adults. *Body Image.* 2012; 1:184-8.
29. Grigsby-Toussaint DS, *Chi SH, Fiese BH; **STRONG Kids Project Writing Group.** (including **Teran-Garcia M.**). Where they live, how they play: neighborhood greenness and outdoor physical activity among preschoolers. *Int J Health Geogr.* 2011; 10:66. doi: 10.1186/1476-072X-10-66.
30. Andrade, F. C. D., *Vazquez-Vidal, I., *Flood, T., Aradillas-Garcia, C., Vargas Morales, J., **Teran-Garcia, M.** and Up Amigos 2009 Study Group. One-year changes in weight are associated with changes in blood pressure in Mexican young adults. *Public Health.* 2012; 126(6):535-40.
31. Harrison K., Liechty J.M., and the **STRONG Kids Program** (including **Teran-Garcia M.**). Preschooler's media exposure and dietary habits: The primacy of television and the limits of parental mediation. Special Issue: Children, Media, and Health. *Journal of Children and Media* 2012; 6(1):18-36.
32. *Mosley M., Andrade F.C.D., Aradillas-Garcia C., **Teran-Garcia M.** Consumption of Dairy and Metabolic Syndrome Risk in a Convenient Sample of Mexican College Applicants. *Food and Nutrition Sciences*, 2013; 4(1):56-65.
33. **Teran-Garcia M.**, Andrade F.C.D., *Vazquez-Vidal I., *Mosley M., Medina-Cerda E., Aradillas-Garcia C., and the UP AMIGOS 2009 Study Group. FTO genotype is associated with body mass index and waist circumference in Mexican young adults. *Open Journal of Genetics.* 2013; 3:44-48.

34. ++Hammons A, Wiley A, Fiese B, **Teran-Garcia M.** Six week Latino family prevention pilot program effectively promotes healthy behaviors and reduces obesogenic behaviors. *Journal of Nutrition Education and Behavior.* J Nutr Educ Behav 2013; 45(6):745-50.
35. Raffaelli M., Andrade F.C.D., *Poppe E.M., Sanchez-Armass O., *Vazquez-Vidal I., Aradillas-Garcia C. **UP AMIGOS 2008 Study Group** (including **Teran-Garcia M.**). Gender and age-related differences in depressive symptoms and health behaviors among Mexican youth. *Revista Interamericana de Psicologia / Interamerican Journal of Psychology.* 2013; 47(1):83-90.
36. Raffaelli M., Andrade F.C.D., Wiley A., +Sanchez-Armass O., *Edwards L., Aradillas-Garcia C. and **Up Amigos 2009 Study Group** (including **Teran-Garcia M.**). Perceived stress, social support, and psychological adjustment: a test of the stress-buffering hypothesis in a Mexican sample. *J Res Adolesc* 2013; 23:283-89.
37. **Caetano-Anolles, K., **Teran-Garcia, M.**, Raffaelli, M., +Alvarado Sanchez, B., Mellado Garrido, M.R. Depression, Family Support, and Body Mass Index in Mexican Adolescents. *Revista Interamericana de Psicologia/Interamerican Journal of Psychology.* 2013; 47(1):139-146.
38. *Dev, D.A., McBride, B.A., Harrison, K., Bost, K., Donovan, S., Grigsby-Toussaint, D., Liechty, J., Wiley, A., **Teran-Garcia, M.**, Fiese, B.H. Academy of Nutrition and Dietetics Benchmarks for Nutrition in Child Care 2011: Are Child-Care Providers across Contexts Meeting Recommendations? *Journal of the Academy of Nutrition and Dietetics.* 2013; 113(10); 1346-1353.
39. Musaad, S.M.A., *Paige, K.N., **Teran-Garcia, M.**, Donovan, S.M., Fiese, B.H. Childhood overweight/obesity and pediatric asthma: The role of parental perception of child weight status. *Nutrients.* 2013; 5(9):3713-3729.
40. *Dev, D.A., McBride, B.A., Fiese B.H., ++Jones B.L., **Strong Kids Research Team.** Risk Factors for Overweight/Obesity in Preschool Children: An Ecological Approach. *Child Obes.* 2013; 9(5):399-408.
41. Wiley AR, *Flood TL, Andrade FC, Aradillas C, Cerda EM. **UP AMIGOS 2008 Study Group** (including **Teran-Garcia M.**). Family and individual predictors of physical activity for older Mexican adolescents. *J Adolesc Health.* 2011; 49(2):222-4. PMID: 21783059
42. +Sánchez-Armass O, Drummond-Andrade FC, Wiley AR, Raffaelli M, Aradillas-García C; **UP AMIGOS 2008 Study Group** (including **Teran-Garcia M.**). Evaluation of the psychometric performance of the SCOFF questionnaire in a Mexican young adult sample. *Salud Publica Mex.* 2012; 54(4):375-82
43. ^Fiese BH; **The STRONG Kids Team.** Context Matters in Pediatric Obesity: Commentary on Innovative Treatment and Prevention Programs for Pediatric Overweight and Obesity. *J Pediatr Psychol.* 2013; 38(9):1037-43. PMID: 24014068.
44. Musaad S. M., *Paige K.N., **Teran-Garcia M.**, Donovan S.M., Fiese B.H., and the STRONG Kids Research Team. Childhood overweight/obesity and pediatric asthma: The role of parental perception of child weight status. *Nutrients* 2013; 5:3713-3729.
45. *Wang Y., *Wang A.A., Donovan S.M., **Teran-Garcia M.**, and the STRONG Kids Research Team. Individual genetic variations related to satiety and appetite control increase risk of obesity in preschool age children in the STRONG kids program. *Hum Hered* 2013; 75:152-159.

46. Andrade F.C.D., *Jimenez de Tavarez M.M., Raffaelli M., **Teran-Garcia M.**, Aradillas-Garcia C. and Up Amigos 2009 Study Group. Association between retrospective self-reported weight changes during childhood and adolescence are not good predictors of metabolic syndrome risk factors in Mexican young adults. *Open J Prev Med* 2013; 3(8):479-486.
47. Bost K.K., Wiley A.R., Fiese B., +Hammons A., McBride B., Harrison K., Donovan S.M., Grigsby-Toussaint D., Kim J., Liechty J., **Teran-Garcia, M.** Associations between adult attachment style, emotion regulation, and preschool children's food consumption. *J Dev Behav Pediatr* 2014; 35(1):50-61. PMID: 24356497
48. *Wang A.A., *Paige K.N., Gaskins H.R., **Teran-Garcia M.** An improved method for collecting breath from 3 to 7 year-old children. *J Parenter Enteral Nutr* 2014; 38(4):507-9. PMID: 23538295
49. ++Jones, B. L., Fiese B. H., Harrison K., Bost K., Donovan S., McBride B., Grigsby-Toussaint D., Wiley A., and **Teran-Garcia M.** "Parent Routines, Child Routines, and Family Demographics Associated with Obesity in Parents and Preschool-Aged Children." *Frontiers in Psychology*. 2014; 5: 374. doi:10.3389/fpsyg.2014.00374. PubMed PMID: 24808883
50. ++Speirs, K.E., Liechty, J.M., *Wu, C.-F., Harrison, K., Bost, K., McBride, B., Donovan, S., Grigsby-Toussaint, D., Kim, J., Liechty, J., Wiley, A., **Teran-Garcia, M.**, Fiese, B. Sleep, but not other daily routines, mediates the association between maternal employment and BMI for preschool children. *Sleep Medicine*. 2014; 15 (12): 1590-1593. PMID: 25441746
51. Harrison, K., *Peralta, M., *Jacobsohn, G.C., Grider, D.T., Bost, K.K., McBride, B.A., Donovan, S.M., Grigsby-Toussaint, D.S., Liechty, J.M., Wiley, A., **Teran-Garcia, M.**, Fiese, B., Buechel, J., Carpenter, E., Hamden, R., Hauser, A., Kaltz, J., Kemple, D., Kim, J., Lipowski, J., Park, J., Rodriguez, E., Spigelman, A., Tung, N., Weiner, H., Krislaty, V., Mirsky, B., Tabak, A., Gonzalez, J., Dressler, J., Clappison, K., Goldman, A., Loeb, S., Hong, L. The placemat protocol: Measuring preschoolers' healthy-meal schemas with pretend meals. *Appetite*. 2015; 96: 209-218. doi:10.1016/j.appet.2015.09.005
52. *Torres-Aguilar P., **Teran-Garcia M.**, Wiley A., Raffaelli M., **Morales M. Factors correlated to protective and risk dietary patterns in immigrant Latino mothers in non-metropolitan rural communities. *J Immigr Minor Health*. 2016 Jun;18(3):652-9. doi: 10.1007/s10903-015-0212-2.
53. *Robinson, K.N. & **Teran-Garcia M.** From Infancy to Aging: Biological and Behavioral Modifiers of Fetuin-A. *Biochimie*, 2016; 124: 141-9.
54. +Schwingel, A., Wiley, A., **Teran-Garcia, M.**, McCaffrey, J., *Gálvez, P., and *Hawn, R. More than Help? Volunteerism in US Latino Culture. *VOLUNTAS: International Journal of Voluntary and Nonprofit Organizations*: 2016; 1-22.
55. *Robinson, K.N., Rowitz B. & **Teran-Garcia M.** Weight Loss Surgery: Mechanisms of Action and the Critical Role of Nutrition. *Carle Selected Papers*, 2016; 59(2):15-18.
56. *Hannon, B. A., *Thompson, S. V., An, R., **Teran-Garcia, M.** Clinical Outcomes of Dietary Replacement of Saturated Fatty Acids with Unsaturated Fat Sources in Adults with Overweight and Obesity: A Systematic Review and Meta-Analysis of Randomized Control Trials. *Ann Nutr Metab*. 2017; 71:107-117. Review. PMID: 28768248
57. +Schwingel A., Wiley A.R., **Teran-Garcia M.**, McCaffrey J., *Gálvez P., *Vizcarra M. Promotoras and the Semantic Gap between Latino Community Health Researchers and

- Latino Communities. *Health Promot Pract.* 2017;18(3):444-453. doi: 10.1177/1524839916670576
58. *Robinson K.N., *Vazquez-Vidal I., *Marques C., Andrade F.C.D., Aradillas-Garcia C., **Teran-Garcia M.**; UP AMIGOS Team. Circulating Triglycerides and the Association of Triglycerides with Dietary Intake Are Altered by Alpha-2-Heremans-Schmid Glycoprotein Polymorphisms. *Journal of Nutrigenetics and Nutrigenomics* 2017;10 (3-4):75-83. doi: 10.1159/000478657
 59. *Cole N.C., *Wang A.A., Donovan S.M., Lee S.Y., **Teran-Garcia M.**, and the STRONG Kids Team. Variants in chemosensory genes are associated with picky eating behavior in preschool-age children. *Journal of Nutrigenetics and Nutrigenomics* 2017;10(3-4):84-92. doi: 10.1159/000478857
 60. Bost K.K., **Teran-Garcia M.**, Donovan S.M., Fiese B.H.; STRONG Kids Team. Child body mass index, genotype and parenting in the prediction of restrictive feeding. *Pediatr Obes.* 2018;13(4):239-246. doi: 10.1111/ijpo.12219
 61. *Vazquez-Vidal, I., Voruganti, V.S., *Hannon, B. A., Andrade, F.C.D., Aradillas-Garcia, C., Nakamura, M.T., **Teran-Garcia, M.** Serum Lipid Concentrations and FADS Genetic Variants in Young Mexican College Students: The UP-AMIGOS Cohort Study. *Life Genomics. Lifestyle Genomics.* 2018;11(1):40-48. doi: 10.1159/000488085. PMID: 29847832
 62. *Villegas, E., Wiley, A., *Hannon, B., **Teran-Garcia, M.**, & +Hammons A. The Effects of Hispanic Immigrant Mother's Resiliency on Children's Dietary Adjustment. *J Immigr Minor Health.* 2018 doi: 10.1007/s10903-018-0844-0. PMID: 30511348 [Erratum in: *J Immigr Minor Health.* 2018;:PMID: 30136166
 63. *Hannon, B.A., +Khan, N.A., **Teran-Garcia, M.** Nutrigenetic Contributions to Dyslipidemia: A Focus on Physiologically Relevant Pathways of Lipid and Lipoprotein Metabolism. *Nutrients.* 2018;10(10);E1404. doi: 10.3390/nu10101404. Review. PMID: 30279335
 64. Fiese, B.H., Musaad, S., Bost K.K., McBride, B.A., Lee S.Y., **Teran-Garcia M.**, Donovan S.M., The STRONG Kids2 Birth Cohort Study: A cell-to-society approach to dietary habits and weight trajectories across the first five years of life. *Current Developments in Nutrition* 2019. Accepted. Online publication ahead of printed version at: <https://doi.org/10.1093/cdn/nzz007>
 65. *Robinson, K.N., Rowitz B., Donovan S.M., Oliphant U.J., **Teran-Garcia M.** Larger Omental Adipocytes Correlate with Greater Fetuin-A Reduction Following Sleeve Gastrectomy. BMC Obesity OBSY-D-17-00083 – *Accepted for publication 2019*
 66. *Wang A.A., Harrison K., Musaad, S., Donovan S.M., **Teran-Garcia M.** and the STRONG Kids Research Group. Genetic risk scores demonstrate the cumulative association of single nucleotide polymorphisms in gut microbiome-related genes with obesity phenotypes in preschool age children. *Pediatr Obes, IJPO-2018-0246 - Accepted for publication 2019.*

Manuscripts under peer-review

- 2019 *Hannon, B.A., **Teran-Garcia, M.**, Nickols-Richardson, S.M., Musaad, S.M., *Villegas, E., +Hammons A., Wiley, A.R., Fiese, B.H. Development of the Abriendo Caminos (AC) Nutrition Education Curriculum to Promote Healthy Choices in Hispanic Children and Families: A Multi-State, Randomized Control Trial Intervention. *Journal of*

- Nutrition Education and Behavior. *Revise and Resubmit.*
- 2019 *Hannon, B.A., *Thompson, S.V., *Edwards, C.G., Skinner, S.K., Niemi, G.M., Burd, N.A., +Holscher, H.D., **Teran-Garcia, M.**, +Khan, N.A. Dietary fiber is selectively related to blood triglycerides among adults with overweight and obesity. *Nutrients. Revise and Resubmit.*
- 2019 Hammons A., *Hannon, B.A., **Teran-Garcia, M.**, *Barragan, M., *Villegas, E., Wiley, A.R., Fiese, B.H. Randomized Controlled Trial of Health Promotion Program Finds Improvements in Hispanic Mothers' Diet Quality. *Journal of Nutrition Education and Behavior. Revise and Resubmit.*
- 2019 *Luna, V., **Teran-Garcia, M.** What You See is Not What You Get: A Review of Hispanic Mothers' Beliefs and Perceptions of Child Weight. *Journal of Racial and Ethnic Health Disparities. REHD-D-19-00009, under review.*
- 2019 *Hannon, B.A., *Edwards, C.G., *Thompson, S.V., Han, A., +Burd, N.A., +Holscher, H.D., O'Brien, W.D., **Teran-Garcia, M.**, +Khan, N.A. Genetic Variation in PNPLA3 is Associated with Weight Status and Abdominal Adiposity. *Obesity ID: 19-0215-Orig. Under review.*
- 2019 *Liu R., *Hannon, B.A., *Robinson K. N., *Raine L. B., Hammond, B. R., Renzi-Hammond L., Cohen, N.J., Kramer, A. F., Hillman, C. H., **Teran-Garcia, M.**, +Khan, N.A. Single Nucleotide Polymorphisms in BCO1 and CD36 are related to Macular Pigment among Children. *Nutrients. Under review.*

Articles in non-refereed journals and books:

2006. NUEVAS FUNCIONES DEL TEJIDO ADIPOSO. (New functions of adipose tissue"). Tejero E. y **Terán García M.** Review paper. *Cuadernos de Nutrición.* 26(3):117-124.
2004. OBESIDAD: EL RETO QUE SE AVECINA. ("Obesity": The challenge ahead"). **Terán García M.** y Lakka HM. Book chapter requested by the Mexican National Committee for the Study of the Human Genome.
1994. Le Brun Annick, López-P. G., Terán García ML., González-Saldaña N. Criptosporidiosis pulmonar: Reporte de un caso y revisión de la literatura. Case report. *Revista de Enfermedades Infecciosas Pediátricas.* 7(27):15-20.
1992. Hernández P M., **Terán-García M.** Osteoarthritis por Salmonella enteritidis. Case report. *Revista de Enfermedades Infecciosas Pediátricas;* 6(21): 14-16.

C. Conference Proceedings

- ** indicates undergraduate student co-author at time of submission
- * indicates graduate student co-author at time of submission
- ++ indicates postdoctoral scholar at the time of submission
- + indicates assistant professor at the time of submission

Bulletins, Reports, or Conference Proceedings (in print or accepted)

PUBLISHED ABSTRACTS from NATIONAL MEETINGS (selected from University of Illinois only)

1. **Teran-Garcia M.**, Andrade F.C.D., Aradillas-Garcia C., and Up Amigos 2009 Study Group. Life-Style, family environment, obesity and related risk factors among Mexican college student enrollees. *Obesity.* 2009; 17: S161-S161.
2. *Flood T., Aradillas-Garcia C., Andrade F., Medina E., **Teran-Garcia M.** How wide is too wide? Defining abdominal obesity in the Mexican population. Presented at the

- Midwest Association of Latin American Studies. Dallas, Texas. 2009.
3. *Flood T., Andrade F., Wiley A., Raffaelli M., **Teran-Garcia M.**, Aradillas-Garcia C. Family interactions and mealtimes are associated with metabolic syndrome in adolescents. Poster session presented at the National Conference for Physician Scholars in the Social Sciences and Humanities, University of Pennsylvania. Philadelphia, Pennsylvania. 2009.
 4. **Teran-Garcia M.**, Mosley M., Aradillas-García C., Andrade F.C.D., and Up Amigos 2009 Study group. Daily calcium intake and prevalence of metabolic syndrome (MetS) risk factors in Mexican college student applicants. *FASEB J.* 2010; 24: 106.4.
 5. **Teran-Garcia M.**, Wang Y., Aradillas-Garcia C., Andrade F.C.D. and Up Amigos 2009 Study group. Weight change patterns in Mexican college student applicants. *FASEB J.* 2010; 24: 562.8.
 6. *Vazquez I., Flood T., Wang Y.Y., **Teran-Garcia M.**, Aradillas-Garcia C, Medina-Cerda E, Vargas Morales J., Andrade F.C.D. One-year changes in body mass index are related with changes in blood glucose and blood pressure in Mexican adolescents and young adults. *Obesity.* 2010; 18: S225.
 7. **Teran-Garcia M.**, Morales M., Raffaelli M., Wiley A. (2011) Impact of acculturation and acculturative stress on dietary habits of Latina immigrants in central Illinois. *FASEB J.* 2011; 25: 974.12.
 8. *Mosley M.A., Andrade F.C.D., Aradillas-Garcia C., **Teran-Garcia M.** and Up Amigos 2009 Study group. Inadequate calcium/dairy consumption and metabolic syndrome in Mexican college applicants. *Obesity.* 2011; 19: S211-S.
 9. Andrade F.C.D., Raffaelli M., Jerman J.A., Aradillas-Garcia C., **Teran-Garcia M.** Body image distortion among Mexican young adults. *Obesity.* 2011; 19: S137-S8.
 10. *Wang A.A., Donovan S.M., **Teran-Garcia M.** Monocarboxylate transporter-1 genotype and breastfeeding status protect against elevated BMI in preschool aged Caucasian children. *FASEB J.* 2012; 26: 647.13.
 11. *Vazquez-Vidal I, Andrade F.C.D., **Teran-Garcia M.**, Aradillas-Garcia C., Vargas-Morales J.M. Prevalence of dyslipidemia and cardiovascular disease (CVD) risk factors among young Mexican college students. *FASEB J.* 2012; 26: 827.3.
 12. *Mosley M.A., Andrade F.C.D., Vargas-Morales J.M., Aradillas-Garcia C., **Teran-Garcia M.** Low papaya consumption increases risk for low high-density lipoprotein cholesterol in Mexican college applicants. *FASEB J.* 2012; 26: 1026.5.
 13. *Vazquez-Vidal I, **Teran-Garcia M.**, Andrade F.C.D., Aradillas-Garcia C., Vargas-Morales J.M., Up Amigos study group. Identification of variants in the fatty acid desaturase (FADS) gene cluster associated with total cholesterol and HDL-C in young Mexican college students. *FASEB J.* 2013; 27: 640.25.
 14. *Marques C., **Teran-Garcia M.**, Erdman J.W., Vargas-Morales J.M., Aradillas-Garcia C., Up Amigos study group. Individual genetic variations (IGV) of β , β -carotene monooxygenase-1 (BCMO1) are associated with changes in total cholesterol in young Mexican adults. *FASEB J.* 2013; 27: 638.15.
 15. *Paige K.N., **Teran-Garcia M.**, Donovan S.M. Prevalence of food allergies (FA) and asthma and associated risk factors in the STRONG Kids Program (SKP). *FASEB J.* 2013; 27: 850.8.
 16. *Paige K.N., Wallace V.K., **Teran-Garcia M.** & Donovan S.M. Accuracy of food guide

- and nutrition label use by caretakers in the STRONG Kids cohort. *FASEB J.* 2014: 28:808.17.
17. *Marques C., Andrade F. C. D., Aradillas-Garcia C., Erdman J.W., Vargas-Morales J.M., **Teran-Garcia M.** and Up Amigos study group. Variants in the β,β -carotene monooxygenase-1 (BCMO1) gene are associated with elevated plasma high density lipoprotein cholesterol (HDL-C) levels in young Mexican adults. *FASEB J.* 2014: 28:645.19.
 18. **Teran-Garcia M.**, de Mejia E., Thompson J. The Multicultural Advocates in Nutritional Needs and Agriculture (MANNA) program: an update. *NACTA J.* 2014:58s1:254.
 19. *Cole, N.C., Wang, A.A., Lee, S-Y., Donovan, S.M., **Teran-Garcia, M.** Influence of gustin (CA6) gene polymorphisms on perceived picky eating behaviors in preschoolers. *FASEB Journal* 2015; 29: 275.2.
 20. *Robinson, K.N., Marques, C., Andrade F.C.D., Aradillas-Garcia, C., **Teran-Garcia, M.** α 2- Heremans-Schmid glycoprotein (AHS2) polymorphism and HOMA-IR in young Mexican adults. *FASEB Journal.* 2015; 29: 898.49.
 21. *Wang A.A., Harrison K., Donovan S.M., **Teran-Garcia M.** and the STRONG Kids Research Group. A genetic risk score demonstrates the cumulative association of SNP polymorphisms in gut microbiota related genes with obesity phenotypes in preschool age children. Obesity week 2015 (poster presentation).
 22. *Figueroa-Juárez E., Tovar-Palacio C., and **Teran-Garcia M.** Resveratrol attenuates obesity-related renal and systemic alterations during acute and chronic endoplasmic reticulum stress. Obesity week 2015 (poster presentation).
 23. *Wang A.A., **Esler A., Harrison K., Donovan S.M., **Teran-Garcia M.** and the STRONG Kids Research Group. FTO and IRX3 interact to influence risk of overweight in preschool age children. Obesity week 2015 (poster presentation). * Selected finalist for the TOS Epidemiology & Population Health Section Student Poster Competition.
 24. ++Tovar-Palacio C., **Teran-Garcia M.**, Figueroa-Juárez E., Torre-Villalvazo I., Noriega, L.G., Tovar R.A., Correa-Rotter, R. Resveratrol attenuates obesity related renal and systemic alterations during acute and chronic endoplasmic reticulum stress. Submitted to *Experimental Biology 2016 San Diego, CA* (poster presentation).
 25. *Hannon, B. A., Robinson, K.N., **Teran-Garcia, M.** Dietary Comparisons between Mexican and American College-Aged Adults. *Experimental Biology 2016. San Diego, CA* (Poster presentation).
 26. *Robinson, K.N., Rowitz, B., Donovan S.M., **Teran-Garcia M.** Perceived Onset of Obesity in Sleeve Gastrectomy Candidates. *Experimental Biology 2016. San Diego, CA* (Poster presentation). (Awarded 1st place at the Nutrition Symposium of the Nutritional Sciences Graduate Student Association. University of Illinois Champaign, IL.
 27. *Hannon, B. A., Villegas, E., Hammons, A., Wiley, A., Cruz-Santiago, M., **Teran-Garcia, M.** Mothers' Roadblocks to Child Health: Clearing the Path to the Prevention of Childhood Obesity. Poster and Oral Presentation at Obesity Week 2016, October, New Orleans, LA.

28. *Hannon, B. A., Thompson, S. **Teran-Garcia, M.** Replacement of Saturated for Unsaturated Fat in Metabolically Healthy Adults with Overweight and Obesity: A Systematic Review and Meta-Analysis. Poster Presentation at Obesity Week 2016.
29. *Villegas, E., Wiley, A., **Teran-Garcia, M.**, Hannon, B. A., Cruz-Santiago, M. Engaging Communities to Promote Healthy Eating Among Hispanic Families. Presentation at National Council on Family Relations Conference 2016.
30. **Teran-Garcia, M.**, Wiley, A., Hannon, B. A., Villegas, E., Cruz-Santiago, M. We don't know what we don't know: Using focus groups to tailor nutrition education in the Abriendo Caminos community intervention. Poster Presentation, at the Society for Nutrition Education and Behavior 2016. *Journal of Nutrition Education and Behavior*, 48(7), S132.
31. *Hannon, B. A., Figueroa, R., Luna, V., Villegas, E., Wiley, A., **Teran-Garcia, M.** Small Changes Can Make a Big Difference: Associations between Parent Diet and Child Body Composition. Poster presentation at Obesity Week 2017.
32. *Hannon, B. A., Robinson, K., Rowitz, B., Oliphant, U., Donovan, S., **Teran-Garcia, M.** Preoperative Weight Loss Attempts Impact Weight Loss Success After Sleeve Gastrectomy. Poster Presentation at Obesity Week 2017.
33. *Aguayo L., Vizcarra-Catalan M., Wiley A., **Teran-Garcia M.**, Schwingel A., Lifelong Associations of Maternal Recall of Uncertain Access to Food during Childhood. Obesity Week 2017: T-P-3466.
34. *Hannon, B. A., Villegas, E., Luna, V., Wiley, A., **Teran-Garcia, M.** Healthy Eating Is a Family Affair: Family-Focused Nutrition Education Intervention Improves Child Eating Habits. Poster presentation at the Food and Nutrition Conference & Expo 2017 October; *Journal of the Academy of Nutrition and Dietetics*, 117(9), A25.
35. *Hannon, B. A., Villegas, E., Wiley, A., **Teran-Garcia, M.** The 2015 Dietary Guidelines for Americans: Adherence to Key Recommendations in Hispanic Females. Poster Presentation at Experimental Biology (American Society for Nutrition) 2017.
36. *Villegas, E., Hannon, B. A., Hammons, A., **Teran-Garcia, M.**, Wiley, A. Is Food Security Influencing Emotional Health? A Study with Hispanic Immigrant Mothers. Poster Presentation at Experimental Biology (American Society for Nutrition) 2017.
37. *Luna, V., Villegas, E., Hannon, B. A., Hammons, A., Cruz-Santiago, M., Wiley, A., **Teran-Garcia, M.** Acculturation and Hispanic-Heritage Mothers' Perception of Child Weight as Related to Child Feeding Practices. Poster Presentation at Experimental Biology (American Society for Nutrition) 2017.
38. **Teran-Garcia, M.**, Wiley, A., Hannon, B. A., Villegas, E. Clearing the Path to the Prevention of Childhood Obesity: How to Expedite the Track. Submitted to the Annual Meeting of the Society for Nutrition Education and Behavior 2017. *Journal of Nutrition Education and Behavior*, 49(7), S120.
39. *Villegas, E., Fiese, B., **Teran-Garcia, M.**, and the Abriendo Caminos Team Offering snacks for the wrong reasons: The relation between family chaos and snack offerings in Hispanic Immigrant mothers. Poster Presented at Ingestive Behavior Research Center Conference 2017, October, West Lafayette, IN.
40. *Villegas, E., Wiley, A., Hannon, B., **Teran-Garcia, M.**, Luna, V. Going beyond diet: The inclusion of family routines education on health behaviors. Poster presentation at National Council on Family Relations Annual Conference; 2017 November;

- Orlando, FL.
41. *Villegas, E., Hannon, B., Wiley, A., Luna, V., **Teran-Garcia, M.** Putting Family First: The Inclusion of Family Routines Education on Health Behaviors. Poster Presented at the National Council of Family Relations Annual Conference; 2017 November; Orlando, FL.
 42. *Hannon, B. A., Vasquez-Vidal, I., Andrade, F. C. D., Aradillas-Garcia, C. Khan, N. A., **Teran-Garcia, M.** Polymorphisms in the Reverse Cholesterol Transport Pathway Cumulatively Affect Triglyceride Levels in Young Mexican Adults. Submitted to Nutrition 2018. June; Boston, MA.
 43. *Moody, S. N., Routh, B., Greder, K., Shirtcliff, E., & Kohut, M., and **Teran-Garcia, M.** (2018). Social support and stress as predictors of cortisol among Mexican families during a healthy lifestyles intervention. Paper presented at the 17th Annual Cambio de Colores Conference: Latinx in the Heartland: Fostering Resilience and Cross-Cultural Connections in June, Kansas City, MO.
 44. *Luna, V., Hannon, B., Villegas, E., Hammons, A., Fiese, B., **Teran-Garcia, M.** Hispanic Mothers Misperceptions of Healthy Weight: A Barrier for Childhood Obesity Prevention Programs. Abstract submitted to Nutrition 2018; June; Boston, MA.
 45. *Luna, V., Villegas, E., Hannon, B. A., Fiese, B., **Teran-Garcia, M.** Clearing the Path to Hispanic Health: Improving Awareness of Healthy Eating and Family Dynamics. Journal of Nutrition Education and Behavior, 2018; 50 (7):S154. Minneapolis, MN.
 46. Keck, A.-S., Gonzalez, N., **Teran-Garcia, M.** Engaging Underrepresented Minority Students in Experiential Learning Opportunities and Research Training Through the “Abriendo Caminos” Program. Journal of Nutrition Education and Behavior, 2018; 50 (7):S59. Minneapolis, MN.
 47. **Teran-Garcia, M.**, Fiese, B., Greder, K., Hammons, A. J. Clearing the Path to the Prevention of Childhood Obesity. Journal of Nutrition Education and Behavior, 2018; 50(7): S111-S112. DOI: <https://doi.org/10.1016/j.jneb.2018.04.247>. Minneapolis, MN.
 48. *Villegas, E., Luna, V., Hannon, B., Fiese, B. H., & **Teran-Garcia, M.** (2018, November). Positionality in the Facilitation of a Hispanic Health Promotion Intervention. In E. Villegas (Chair): “Adapting Family-Based Programming for Latino Audiences”. Symposium conducted at the National Council on Family Relations Conference, San Diego, CA.
 49. +Hammons, A. J., Villegas, E., **Teran-Garcia, M.** & Fiese, B. H. (2018, November). Six-Week Family Health Promotion Program Effective at Increasing Family Routines. Lightning Paper Presented at the National Council on Family Relations Conference, San Diego, CA.

OTHER NATIONAL REFEREED PRESENTATIONS

1. **Teran-Garcia, M.**, Andrade, F. C. D., Aradillas-Garcia, Celia, Medina-Cerda, E., De la Cruz, E., Vargas, J. M.; Raffaelli, M., & Wiley, A. (2009, October) Life-style, family environment, obesity and related risk factors among Mexican college student enrollees. *The Obesity Society 2009 Annual Scientific Meeting*. Washington, D.C. (poster presentation).
2. **Teran-Garcia M.**, Wang Y., Aradillas-Garcia C., Andrade F. C. D., & UP AMIGOS group

- (2010, April). Weight change patterns in Mexican college student applicants. *Annual meeting of the American Society of Nutrition*. Anaheim, CA. (poster presentation).
3. **Teran-Garcia, M.**, Mosley M., Aradillas-Garcia C., Andrade F. C. D., & UP AMIGOS group (2010, April). Daily calcium intake and prevalence of metabolic syndrome (MetS) risk factors in Mexican college student applicants. *Annual meeting of the American Society of Nutrition*. Anaheim, CA. (oral presentation).
 4. *Vázquez, I., Flood, T., Wang, Y., **Teran-Garcia, M.**, Aradillas-Garcia, C., Medina-Cerda, E. Vargas, J. Andrade, F. C. D. (2010, October). One-year changes in body mass index are related with changes in blood glucose and blood pressure in Mexican adolescents and young adults. *The Obesity Society 2010 Annual Scientific Meeting*. San Diego, CA. (poster presentation).
 5. Andrade, F. C. D., Raffaelli, M., **Teran-Garcia, M.**, & Jerman, J.A. (2011, October). Body image distortion among Mexican young adults. *The Obesity Society 2011 Annual Scientific Meeting*. Orlando, FL (poster presentation).
 6. **Teran-Garcia, M.**, *Mosley M., Aradillas-Garcia C., Andrade F. C. D., & UP AMIGOS group (2011, October). Inadequate Calcium/Dairy Consumption and Metabolic Syndrome in Mexican College Applicants. *The Obesity Society 2011 Annual Scientific Meeting*. Orlando, FL (poster presentation).
 7. ++Hammons A.J., Wiley A., Fiese B.H., **Teran-Garcia, M.** Clearing the Path to Wellness in Latino Families. (2012, February). Society for Research in Child Development (SRCD). Themed Meeting: Positive Development of Minority Children. Orlando, FL. (poster presentation).
 8. Wiley A, *Flood T., Andrade F. C. D., Linares K.A., Aradillas-Garcia C. and 2009 **Up Amigos Study Group**. (2013, April). The role of meal times organization on weight status among older adolescents in Mexico mediated by frequency of shared family meals. Society for Research on Child Development Biennial Meeting. Seattle, WA. (Poster presentation).
 9. Wiley A, *Coba S., Fiese B.H., **Teran-Garcia, M.** (2013, November). We eat healthier in Mexico than here: focus group study of immigrant eating patterns. Concurrent Session 12: "Dynamic Natures of Multicultural and Multiracial Families". National Council on Family Relations, annual meeting. San Antonio, TX. (Oral discussion).
 10. **Teran-Garcia M.**, de Mejia E., Thompson J. The Multicultural Advocates in Nutritional Needs and Agriculture (MANNA) program: an update. Presented at the 60th Annual NACTA conference, Montana State University, Bozeman MT. (Poster presentation). June 25 – 28, 2014.

INTERNATIONAL REFEREED PRESENTATIONS

1. Aradillas-García , C., **Teran-Garcia, M.**, Medina, E., Andrade, F. C. D , & Writing Group for the 2008 San Luis Potosí data collection. (2009, October) Identification of risk factors for adult chronic disease among Mexican college student enrollees, presentation of a research initiative. IV Congreso de Universidades Promotoras de Salud. Navarra, Spain.
2. *Flood, T., Aradillas-García, C. Andrade, F. C. D., Medina, E., **Teran-Garcia, M.**, & the Writing Group for the 2008 San Luis Potosí data collection (2009, October). Comparing the Prevalence of Abdominal Obesity in a Mexican, Adolescent

- Population. IV Congreso de Universidades Promotoras de Salud. Navarra, Spain.
3. Andrade, F. C. D., Aradillas-García, C., Arellano, J., Cruz, E., **Teran-Garcia, M.**, & Writing Group for the 2008 San Luis Potosí data collection (2009, October). Family history of diabetes, cardiovascular diseases and metabolic syndrome risk factors among adolescents and young adults in Mexico. IV Congreso de Universidades Promotoras de Salud. Navarra, Spain.
 4. *Wang A.A., Wang Y., **Teran-Garcia M.** Nature vs. Nurture: Environmental and Genetic risk factors in Childhood Obesity. (March 31 - April 2, 2011). Society for Research in Child Development. SRCD Biennial Meeting. Montreal, Quebec, Canada
 5. *Mosley, M. A., Pedroza A., De La Cruz E., Aradillas-García C., **Teran-Garcia M.** and the UP AMIGOS Study Group. Increased consumption of high glycemic index foods and metabolic syndrome in Mexican college applicants (2011). International Prediabetes Meeting. Madrid, Spain.
 6. Raffaelli M., Andrade F.C.D., Wiley A., Sanchez-Armass O., Edwards L., Aradillas-Garcia, C. and the **Up Amigos 2009 Study Group** (including **Teran-Garcia M.**). (2013). Perceived stress, social support, and psychological adjustment: a test of the stress-buffering hypothesis in a Mexican sample. XXXIV Interamerican Congress of Psychology. Brasilia, Brazil. (Oral presentation).
 7. *Vazquez-Vidal I., **Teran-Garcia M.**, Andrade F.C.D., Aradillas-Garcia C. (2013). Genetic variants in the Fatty Acid Desaturase (FADS) gene cluster, dietary omega-3 intake and HDL-C concentrations in young Mexican college students. 7th meeting of the International Society of Nutrigenetics and Nutrigenomics. Quebec, Canada. (Poster presentation).
 8. *Villegas, E., Fiese, B.H., Hannon, B., Hammons, A., & **Teran-Garcia, M.** (2018, June). The Odds of Being Food Insecure for U.S. Hispanic Immigrant Households. Poster Presented at the International Society of Behavioral Nutrition and Physical Activity. Hong Kong, China.
 9. *Moody, S. N., Greder, K., Wang, W., Routh, B., & Shirtcliff, E., and **Teran-Garcia, M.** (2018). Compartir el Pan: A social evolutionary perspective of the Abriendo Caminos intervention. Poster presentation at the 30th Annual Meeting of the Human Behavior and Evolution Society in July. Amsterdam, The Netherlands.

D. Abstracts

1. *Flood, T., Andrade, F. C. D., Aradillas-Garcia, C., Medina, E., **Teran-Garcia, M.**, & Writing Group for the 2008 San Luis Potosí data collection. (2009, September). Comparing the prevalence of abdominal obesity in a Mexican adolescent population. Health and Wellness Showcase. University of Illinois at Urbana-Champaign, Champaign, IL. (poster presentation)
2. UP AMIGOS group (2010, April). One-year changes in body mass index are related with changes in blood glucose and blood pressure in Mexican adolescents and young adults. University of Illinois, College of Medicine 2010 Research Symposium: Emerging Technologies in Medicine: Innovation, Intervention, and Implication. University of Illinois at Urbana-Champaign, Champaign, IL. (poster presentation)
3. Aradillas-Garcia, C., **Teran-Garcia, M.**, C., Medina, E., Andrade, F. C. D., & Writing

- Group for the 2008 San Luis Potosí data collection. (2009, September). Identification of risk factors for adult chronic disease among Mexican college students. Health and Wellness Showcase, University of Illinois. Champaign, IL. (poster presentation)
4. Andrade, F. C. D., Aradillas-Garcia, C., Arellano, J., de la Cruz, E., **Teran-Garcia, M.**, & Writing Group for the 2008 San Luis Potosí data collection. (2009, September). Diabetes, Cardiovascular Disease and Metabolic Syndrome Risk Factors among Adolescents and Young Adults in Mexico. Health and Wellness Showcase, University of Illinois. (poster presentation)
 5. UP AMIGOS group (2010, April). The prevalence of anemia and biochemical health status in a group of Mexican university applicants. University of Illinois, College of Medicine 2010 Research Symposium: Emerging Technologies in Medicine: Innovation, Intervention, Implication. Champaign, IL. (poster presentation)
 6. UP AMIGOS group (2010, April). Stress and depression in Mexican adolescents: the moderating role of social support. University of Illinois, College of Medicine 2010 Research Symposium: Emerging Technologies in Medicine: Innovation, Intervention, and Implication. Champaign, IL. (poster presentation)
 7. ****Roosevelt H., Teran-Garcia M.** BMI distribution of Cohort 1a in the STRONG kids project. Undergraduate Research Symposium 2010, University of Illinois . Urbana, IL. (poster presentation)
 8. ****Jozefowicz J., Wang A., Wang Y., Teran-Garcia M.** Optimization of DNA extraction and collection in the STRONG kids project. Undergraduate Research Symposium 2010, University of Illinois . Urbana, IL. (poster presentation)
 9. ***Wang Y., Teran-Garcia, M., Aradillas-Garcia C., Andrade F. C. D., UP Amigos group.** (2010, April). Self-perception and parent's effects on the weight change patterns of university applicants. Nutrition Symposium of the Nutritional Sciences Graduate Student Association, University of Illinois. Champaign, IL. (poster presentation)
 10. ****Morales-Perez M., Teran-Garcia, M.** (July, 2010). Impact of Acculturation on Dietary Habits of Latina Immigrants in Central Illinois. McNair scholar's symposia, University of Illinois. Champaign, IL. (oral presentation)
 11. Raffaelli, M., ****Jerman, J., Andrade, F. C. D., and the UP-Amigos Study Group** (November, 2010). Body mass index and validity of self-reported body size among Mexican young adults. Center on Health, Aging and Disability Symposium. University of Illinois, Champaign, IL. (poster presentation)
 12. Andrade, F. C. D., Vazquez-Vidal, I., Flood, T. L., Aradillas-Garcia, C., Morales, J. M.V., Medina Cerda, E., **Teran-Garcia, M.**, and the UP Amigos 2008/2009 Study Group (November, 2010). One-year follow-up changes in body weight and changes blood pressure in Mexican young adults. Center on Health, Aging and Disability Symposium. University of Illinois, Champaign, IL. (poster presentation)
 13. Wiley, A. R., Flood, T. L., Andrade, F. C. D., Aradillas-Garcia, C. Medina Cerda, E., **Teran-Garcia, M.**, and the UP Amigos study group (2010, November). Family and personal predictors of physical activity for Mexican adolescents. Center on Health, Aging and Disability Symposium. University of Illinois, Champaign, IL. (poster presentation)
 14. ****Jerman, J. A., Andrade, F. C. D., & UP-Amigos Study Group** (2011, April). Body mass index and the validity of self-reported body size among Mexican young adults. 2011

- Undergraduate Research Symposium. University of Illinois, Champaign, IL. (poster presentation)
15. *Wang A.A., Wang Y., **Teran-Garcia M.** STRONG Kids Program. Nature vs. Nurture: Environmental and Genetic risk factors in Childhood Obesity (2011, April). Nutrition Symposium of the Nutritional Sciences Graduate Student Association. University of Illinois at Urbana-Champaign, Champaign, IL. (poster presentation)
 16. *Wang Y., Wang A.A., **Teran-Garcia M.** STRONG Kids Program. One BDNF Gene Variation may Protect Children from Being Overweight (2011, April). Nutrition Symposium of the Nutritional Sciences Graduate Student Association. University of Illinois. Champaign, IL. (Poster presentation, awarded 1st place).
 17. **Morales-Perez M., **Teran-Garcia, M.** (July, 2011). Determinants of tortilla consumption among Mexican women: modeling the association between socioeconomic status, cultural stress and dietary Acculturation. McNair scholar's symposia. University of Illinois, Champaign, IL. (Oral presentation).
 18. Andrade, F. C. D., Jiménez de Tavárez M., **Teran-Garcia M.**, Aradillas-Garcia C. Association between Weight Change during Early Life and Metabolic Syndrome Risk Factors among Mexican Young Adults. International Health program of the 140th APHA Annual Meeting 2012.
 19. **Ayers, A., Hannon, B., Wiley, A., Cruz-Santiago, M., **Teran-Garcia, M.**, and the Abriendo Caminos Research Team. Whole fat dairy: spoiling the Hispanic diet by adding excessive saturated fat. (April, 2016). ORAL presentation at the Undergraduate Research Symposium, Champaign-Urbana, IL. (1st place award)
 20. **Huerta A., **Ayers, A., Hannon, B., Wiley, A., Cruz-Santiago, M., **Teran-Garcia, M.**, and the Abriendo Caminos Research Team. "We are Mexicans and We Like La Comida Rica": Unhealthy Dietary Patterns among Hispanic Families. (April, 2016). Poster Presented at the Undergraduate Research Symposium, Champaign-Urbana, IL.
 21. **Gonzalez D., Gil, S., Hannon, B., Wiley, A., Cruz-Santiago, M., **Teran-Garcia, M.**, and Abriendo Caminos Research Team. (2016, April). Social and Cultural Barriers that Affect Mexican Families from Making Healthy Changes. Poster Presented at the Undergraduate Research Symposium, Champaign-Urbana, IL
 22. **Favela M., Martinez N., Wiley A.R., Villegas E., **Teran Garcia M.**, Cruz Santiago M., and Abriendo Caminos Research Team. Physical Activity Patterns amongst Hispanic Families. (April, 2016). Poster Presented at the Undergraduate Research Symposium, Champaign-Urbana, IL.
 23. **LePoire E., Lopez M., Wiley A.R., Villegas E., **Teran Garcia M.**, Cruz Santiago M., Santiago, and Abriendo Caminos Research Team. Feasibility of Healthy Eating: Meal Preparation and Family Dynamics among Hispanic Families. (April, 2016). Poster Presented at the Undergraduate Research Symposium, Champaign-Urbana, IL.
 24. **Galvez, K., Wiley, A., Villegas, E., **Teran-Garcia, M.**, Cruz Santiago, and Abriendo Caminos Research Team. (2016, April). Playing Safe: Environmental Patterns Influencing Physical Activity among Hispanic Families. Poster Presented at the Undergraduate Research Symposium, Champaign-Urbana, IL
 25. **Herrera, O., Lopez, J., Hannon, B., Wiley, A., Cruz-Santiago, M., **Teran-Garcia, M.**, and Abriendo Caminos Research Team. (2016, April). The Root of the Matter:

- Acculturation and Legume Consumption. Poster Presented at the Undergraduate Research Symposium, Champaign-Urbana, IL
26. **Jung R., Junior, Human Nutrition, ACES. **Teran-Garcia, M.**, and Abriendo Caminos Research Team. Dietary Fat Intake: A Key Component of Obesity Explored in Puerto Rican and Mexican American Diet. (Oral presentation). Undergraduate Research Symposium; 2017 April; Urbana, IL.
 27. **Walton R., Junior, Human Development & Family Studies, ACES. **Teran-Garcia, M.**, and Abriendo Caminos Research Team. Acculturation and its Influence on Hispanic Children's Diet. (Oral presentation, 1st place award). Undergraduate Research Symposium; 2017 April; Urbana, IL.
 28. **Torres, A., Luna, V., Hannon, B., Villegas, E., Hammons, A., Cruz-Santiago, M., Wiley, A., **Teran-Garcia, M.** Rate Your Plate: dietary habits of Hispanic mothers in an obesity prevention intervention. Poster presentation at UIUC Undergraduate Research Symposium; 2017 April; Urbana, IL.
 29. **Herrera, G., Hannon, B., Luna, V., **Teran-Garcia, M.**, Wiley, A. Is obesity the new norm? Understanding weight perceptions and nurturing health intentions. Poster presentation at UIUC Undergraduate Research Symposium; 2017 April; Urbana, IL.
 30. **Gonzalez-Cortes, C., Luna, V., Garcia, C.A., Portales, D.P., **Teran-Garcia, M.** Neck circumference: a practical measure to assess metabolic risk in children. Poster and oral presentation at Illinois Summer Research Symposium; 2017 August; Urbana, IL.
 31. **Ramirez, J., Wiley, A., Villegas, E., **Teran-Garcia, M.**, (2017, April) Eating Too Many Snacks? Stop Watching TV! Poster Presented at the Undergraduate Research Symposium, Champaign- Urbana, IL.
 32. **Herrera, O., Hannon, B., Wiley, A., **Teran-Garcia, M.** (2017, April). Prevalence of the Hypertriglyceridemic Waist (HTGW) Phenotype in Hispanic Mothers. Poster Presented at the Undergraduate Research Symposium, Champaign- Urbana, IL.
 33. **Huerta A., Hannon, B., Wiley, A., **Teran-Garcia, M.**, and the Abriendo Caminos Research Team. Cultural Sensitivity to Increase Insulin Sensitivity: Community Intervention Impact on Dietary Patterns and Diabetes Risk. (April, 2017). Poster Presented at the Undergraduate Research Symposium, Champaign-Urbana, IL.
 34. **Zepeda, E., Villegas, E., **Teran-Garcia, M.**, Gonzalez, N., Wiley, A., and Abriendo Caminos Research Team (2017, April) "Ni de Aquí Ni de Allá": Program Adaptations for Health Interventions Addressing Guatemalan Immigrants' Health Practices. Poster Presented at the Undergraduate Research Symposium, Champaign-Urbana, IL.
 35. **Munguia, B., Wiley, A., Villegas, E., **Teran-Garcia, M.**, and Abriendo Caminos Research Team (2017, April) Do you See What I See? Weight Perceptions of Parents and the Snacking Practices that Contribute to Rising Overweight and Obesity. Poster Presented at the Undergraduate Research Symposium, Champaign-Urbana, IL.
 36. **Martinez, C., Wiley, A., Villegas, E., **Teran-Garcia, M.**, and Abriendo Caminos Research Team (2017, April) Dinner Time or ShowTime? Understanding Implications of Mealtime Distractions in Hispanic Families. Poster Presented at the Undergraduate Research Symposium, Champaign- Urbana, IL.
 37. **Galvez, K., Villegas, E., **Teran-Garcia, M.**, & Abriendo Caminos Research Team. (2018, April). Migration to the United States: The Association of Acculturation,

- Depression, and Dietary Patterns. Poster Presented at the Undergraduate Research Symposium, Champaign-Urbana, IL
38. **Kim, E., Villegas, E., **Teran-Garcia, M.**, & Abriendo Caminos Research Team. (2018, April). Demographic Description of Hispanic Immigrants in Rural America. Poster Presented at the Undergraduate Research Symposium, Champaign-Urbana, IL
 39. **Hinton, S., *Quito, N., Villegas, E., & **Teran-Garcia, M.** (2018, April). “We are family”: Understanding the relationship between Latino families and mealtime routines. Poster presentation at the Undergraduate Research Symposium, Urbana-Champaign, IL.
 40. **Ocampo, S., Maras, A., Luna, V., **Teran-Garcia, M.** (2018, April). Like mother, like child: Sedentary behavior in Hispanic families. Poster presentation at the UIUC Undergraduate Research Symposium, Urbana-Champaign, IL.
 41. **Munguia, B., Luna, V., **Teran-Garcia, M.** and Abriendo Caminos Research Team. (2018, April). From the Ground Up: Promoting Root Vegetable and Legume Consumption. Poster presentation at the UIUC Undergraduate Research Symposium, Urbana-Champaign, IL.
 42. **Gil, S., Luna, V., **Teran-Garcia, M.**, and Abriendo Caminos Research Team. (2018, April). Active Families, Healthy Families: Adapting Physical Activity Lessons of a Hispanic Health Program. Oral presentation at the UIUC Undergraduate Research Symposium, Urbana-Champaign, IL.

E. Invited Lectures and Invited Conference Presentations (since 2008)

2008. Departmental seminar, invited speaker: “A genomic approach to identify genes related to insulin sensitivity and metabolic syndrome”. University of Illinois, Urbana – Champaign. Division of Nutritional Sciences. October 29, Urbana, IL.
2008. Invited speaker: IV International Congress of Obesity “Obesity, awakening time”. Seminar title: “Pharmacological treatment of obesity. November 5th, Guadalajara, Jalisco, Mexico.
2009. Departmental seminar, invited speaker: “Obesity, obesity-related diseases, and nutrigenetics”. University of Illinois, Urbana –Champaign. Department of Food Science and Human Nutrition. February 6th, Urbana, IL.
2009. 1st International Symposium: “Nutrition, Health and Individualized Genetics”. Seminar title: “Nutrigenetics and obesity – Genetic epidemiology in obesity and metabolic syndrome”. Facultad de Medicina, Universidad Autonoma de San Luis Potosí (UASLP). June 30th, San Luis Potosí, Mexico.
2009. Departmental seminar, invited speaker: “Anthropometric measurements and genetic epidemiology”. Department of Chemical Sciences, Universidad Autonoma de San Luis Potosí (UASLP). July 1st, San Luis Potosí, Mexico.
2009. Seminar. “Pediatric obesity and nutrigenetics”. Carle Foundation Hospital. Research Institute. September 1st, Urbana, IL.
2009. Invited speaker Nutritional Genomics Conference: The Impact of Dietary Regulation

- of Gene Function on Human Disease; presentation title: “The genetics of metabolic syndrome as it relates to T2DM and obesity”. Cal Poly. November 12-14, Pomona, CA.
2009. Invited speaker Symposium: Nutrition and Metabolic Diseases: “Challenges to study the metabolic syndrome - genetic epidemiology focus”. Departamento de Ciencias Médicas, Universidad de Guanajuato. November 27, León, Guanajuato, México.
2010. Departmental seminar, invited speaker: “Nutrigenetics and kinesigenetics as treatment tools... are we there yet?” Department of Kinesiology and Nutrition, University of Illinois at Chicago. April 1st, Chicago, IL.
2010. Symposium: Second National Meeting on Basic Research in Cardiology and Vascular Medicine, (Reunión Nacional de Investigación Básica en Cardiología y Medicina Vascular). ICVM 2010. Seminar title: “Genetic individuality, metabolic and cardiovascular responses to endurance exercise-training”. Tercer Congreso de Innovación en Cardiología y Medicina Vascular. August 21, Monterrey, México.
2010. Invited speaker: XI Annual Meeting Mexican Society of Pediatric Endocrinology (Sociedad Mexicana de Endocrinología Pediátrica). Seminar title: “Gene-environment factors in pediatric obesity” and Round table, clinical cases discussion. August 28th, Guanajuato, México.
2011. Chair, Meeting and Mini-symposium: Latin American Affairs Section. The Obesity Society. October 2nd, Orlando, FL.
2011. Speaker Pioneer Seminar Series: “The Perils of Under and Over-Nutrition”. University of Illinois. Department of Food Science and Human Nutrition. November, Urbana, IL.
2012. Invited speaker: 11th Head Start Research Conference. Theme: Promoting Healthy Eating and Life Styles in Children and Families. The STRONG Kids Model: The 6’C Model in Childhood Obesity Development: The Sphere of Biological Influence “Cell-1-Study”. June 20th, Washington, DC.
2012. Invited speaker: Eastern Illinois Dietetic Association monthly meeting. “Obesity and nutrigenomics”. February 20th, Urbana, IL.
2012. Speaker: Mini-symposium of the Latin American Affairs Section. The Obesity Society. September 23rd, San Antonio, TX.
2013. Keynote speaker: 9th Pediatric National meeting. “Progress in Childhood Obesity Research” and Expert discussion leader: “Multidisciplinary approach of obesity”. National Institute of Pediatrics. February 8th, Mexico City.
2013. Invited speaker: “Genetic and Environmental Determinants of Obesity”. Medical Scholars program. University of Illinois. March 5th, Urbana, IL.
2013. Invited speaker: “Obesity and Malnutrition: developing Medical Nutrition Therapeutic strategies”. Phi Delta Epsilon, pre-medical fraternity at the University of Illinois. November 18th, Urbana, IL.
2014. Invited speaker: “UP AMIGOS: results of a multidisciplinary enterprise”. National

- Laboratory (CIACYT), Universidad Autónoma de San Luis Potosí (UASLP). February 15th, San Luis Potosí, México.
2014. Invited speaker: “AMIGOS-PLUS: a proposal for College Health in the Global Context”. National Laboratory (CIACYT), Universidad Autónoma de San Luis Potosí (UASLP). February 14th, San Luis Potosí, México.
2014. Invited speaker Department of Nutrition Science at Purdue University. Seminar series for the Interdepartmental Nutrition Program title “Genes and Environment: Risk or Protection for Childhood Obesity?” September 12th, West Lafayette, IN.
2015. Invited seminar. University of Texas, San Marcos. NUTR 3363 Nutrition for Wellness and Fitness. “Applying Science to Policy and to Practice: How Best To Prevent Osteoporosis”. January 21st.
2015. Invited seminar. University of Texas, San Marcos. Research Presentation: “GET UP KIDS! ... a challenge for the Millennial Generation” January 21st.
2015. Invited speaker “Cambio de Colores” conference. Cambio Center. University of Missouri. June 10 - 12, 2015. Kansas City Campus, Kansas City, MO. Topic: “Improving the Health of Hispanic Families with an Extension Community–Based Curriculum “Abriendo Caminos”.
2015. Invited speaker Annual Congress of Associação Brasileira de Nutrologia-ABRAN and Annual meeting of International Colleges for the Advancement of Nutrology-ICAN. September 23-25th. Presented 3 talks:
- a) Cell to society approach to study risk of obesity in preschool-age children;
 - b) Obesity and gene-environment interactions and
 - c) Metabolic Syndrome in Emerging Adulthood. Brazil
2016. Invited guest lecture in the Obesity Epidemiology course at the Department of Epidemiology and Environmental Health School of Public Health and Health Professions University at Buffalo, State University of New York.
- Obesity prevention programs: International collaboration to reduce health disparities
 - Child well-being and obesity: Current and future research directions
2017. Invited Session Co-chair. Annual meeting of the American Society for Nutrition. The McCormick Place Convention Center, Chicago, Illinois. April 2017. Community and Public Health mini-symposium: “Health Disparities and Promoting Health in Diverse Populations”.
2017. Invited speaker “The family and biological context of obesity”. 4th Year Medical Students. University of Illinois. Fall, Urbana, IL.
2017. Invited Session Co-chair. Annual meeting of the Obesity Society. Key Lecture: “Obesity and Diabetes: A Public Health Crisis in Hispanics/Latinos” Speaker: Mercedes Carnethon, Ph.D. Obesity Week 2017, Washington DC.
2017. Invited Session Co-chair. Annual meeting of the Obesity Society. Key Lecture: “Obesity

- and Diabetes: A Public Health Crisis in Hispanics/Latinos” Speaker: Mercedes Carnethon, Ph.D. Obesity Week 2017, Washington DC.
2018. Invited Speaker 1st. Annual Carle Obesity Symposium. “Critical Conversations on Childhood Obesity”. Carle Foundation, Urbana, IL. August, 2018.
2018. Invited International Speaker 2nd Congress of Childhood Obesity. “Nutrition in Chronic Diseases and Childhood Obesity”. Health Ministry and National University of Queretaro. Government of the Queretaro State, Mexico. November, 2018.
2018. Invited Speaker Carle’s Foundation Day. “Breaking communication barriers: building bridges to better healthcare”. Carle Foundation, Champaign, IL. November, 2018.
2018. Invited Speaker. American Society for Nutrition, Minority and Diversity Affairs Committee Inaugural session titles “Navigating through Academia as a Minority” at the Annual ASN 2018 conference.
2018. Session chair and Invited Speaker. “Child, Clan and Culture: Effective Communication Methods for Obesity Prevention”. The 51st Annual Conference of the Society for Nutrition Education and Behavior. “Optimizing Impact: Supporting Food Systems with Nutrition Education”. Minneapolis, MN.

F. Creative Works (selected)

1. **Teran-Garcia, M.** and the Abriendo Caminos team (2015). Curriculum and training materials developed under the research support of the Agriculture and Food Research Initiative of the USDA National Institute of Food and Agriculture as part of the AFRI Childhood Obesity Prevention Challenge (2015-68001-23248) at the University of Illinois.
2. Pittendrigh, B., Bello Bravo, J., Wiley, A., McCaffrey, J., **Teran-Garcia, M.**, Schwingel, A. (2016). Healthy eating (animation video, English and Spanish versions), University of Illinois at Urbana-Champaign, Scientific Animations without Borders. Link: <https://www.youtube.com/watch?v=6pnYcUQahGM&feature=youtu.be>
3. **Teran-Garcia, M.** and the Abriendo Caminos team (2015). Curriculum and training materials for “Educadoras/Promotoras de Salud” developed under the support of the College of ACES as part of the Extension initiative for Hispanic Health at the University of Illinois.
4. **Teran-Garcia, M.** and the Abriendo Caminos team (2018). Curriculum and training materials for “Health Educators Afro-Centered adaptation of Abriendo Caminos program” developed under the support of the College of ACES, Office of International Programs as part of the “The First 1000 days of Health” at the University of Illinois.
5. **Teran-Garcia, M.**, Wiley, A., and the Abriendo Caminos team (2015). Facilitator manual, curriculum, and training materials developed under the research support of the Agriculture and Food Research Initiative of the USDA National Institute of Food and Agriculture as part of the AFRI Childhood Obesity Prevention Challenge (2015-68001-23248) at the University of Illinois. Training for Iowa site.
6. **Teran-Garcia, M.**, Wiley, A., and the Abriendo Caminos team (2016). Facilitator manual, curriculum, and training materials developed under the research support of the Agriculture and Food Research Initiative of the USDA National Institute of Food

- and Agriculture as part of the AFRI Childhood Obesity Prevention Challenge (2015-68001-23248) at the University of Illinois. Training for Puerto Rico site.
7. **Teran-Garcia, M.**, Wiley, A., Fiese, B., and the Abriendo Caminos team (2018). Facilitator manual, curriculum and training materials developed under the research support of the Agriculture and Food Research Initiative of the USDA National Institute of Food and Agriculture as part of the AFRI Childhood Obesity Prevention Challenge (2015-68001-23248) at the University of Illinois. Training for Texas site. 489 pg
 8. **Teran-Garcia, M.**, Wiley, A., McCaffrey, J., Schwingel, A. and the Hispanic Health Programs Team. Manual of Health Educators (Manual del Educador de Salud). Lessons for Nutrition Education (6), Physical Activity (3), Family Mealtime and positive family function (5). Spanish version 2016, 2017, updated in 2019. 356pg.
 9. **Teran-Garcia, M.**, and the Hispanic Health Programs Team. Health Educators materials (Educador de Salud teaching materials). Nutrition Lessons translated in two Mayan Dialects: Q'anjob'al and Quechi (Lessons of Nutrition Education and Family Wellness). Voice over power point presentations
 10. Materials for Nutrition Education. Handouts: How to read nutrition labels, fruits and vegetables to buy on season. Handouts under the "MAS o MENOS" principles: whole grains and refined grains, salt and sugar, legumes, fruits and vegetables.
 11. Materials for Physical Activity in Abriendo Caminos workshops: Handouts on how Exercise can improve your health, Physical Activities videos, traditional dance lessons, and keeping healthy lungs and heart.
 12. Material for Positive Family Function. Handouts under the "MAS o MENOS" principles: Alternatives for screen time, Saving Money at Shopping Time, Positive sleep routines. Parent advice for Screen Time Management and Handout table to manage screen time, Handout for sleep education, hours of sleeps required by age, Handouts for Kids Rewards Accomplishing SMART Goals, Active Listening, Traditions and Conflict management: "Stop, Think and Talk". Handouts for kids to draw and talk about their dreams and sleep time.
 13. Materials for Stress management workshop: "How to manage stress under stressful situations" used in community engagements. Brochure to help parents to identify stress signs at different stages of childhood development.
 14. Pop-up book with Overview of Abriendo Caminos Program
 15. Monthly Newsletters for the Abriendo Caminos Program.
 16. Development of Loteria/Bingo with bilingual information on fruits and vegetables.
 17. Recipe book with traditional meals and healthy adaptations.
 18. Materials for Weight Status Awareness workshops: "Measure up to your health"
 19. Portfolio of resources for Hispanic Families in the community for: health access, dental health, mental health, food banks, charitable organizations.

IV. TEACHING

A. COURSES TAUGHT

Hispanic Health Promotion 499/HDFS494. *This is a new course developed to train students in the research and professional skills necessary to implement a community health promotion program in Hispanic children and their families "Abriendo Caminos". The program includes implementation of culturally appropriate nutrition education modules. Students participate directly in research, program adaptation, and material development experiences as well as learning in a classroom setting. The course is designed as a two semester series. Fall 2015, Spring 2016, Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019.*

Food Science and Human Nutrition 420, Nutritional Aspects of Disease. *Examines nutritional, biochemical, and physiological aspects of disease processes and studies the role of nutrition in prevention, management, and treatment of disease. Taught Fall 2008 to Fall 2014*

Nutritional Sciences 500, Nutritional Sciences Seminar. *Discussions of current problems in nutritional sciences. Taught Spring 2010*

Food Science and Human Nutrition 429, Advanced Clinical Nutrition/Nutrition Assessment & Therapy. *Application of the principles of normal and therapeutic nutrition, nutrition assessment, nutrition intervention and evaluation as related to the management and treatment of disease states. Learning experience allow for clinical case studies and development of skills in each of these areas. This course is the clinical capstone course for the dietetics curriculum (ADIME notes). Taught Fall 2012 to 2014*

Nutritional Sciences 520, Topics in Nutrition Research Series of one-third term intensive courses on current topics in nutritional sciences research. Advanced Clinical Nutrition / Obesity & Related Diseases parts I and II (ORD-I and ORD-II). Taught Spring 2012 and 2013

Nutritional Sciences 561, Advanced Clinical Nutrition *Basic pathophysiological changes associated with major organ system failure and appropriate nutritional support and treatment. Provides medical orientation needed for participating in medical nutritional rounds. Specific topic: Advanced Clinical Nutrition /Weight Management and Metabolic Syndrome.*

Food Science and Human Nutrition 295, FSHN 295. Undergraduate Research or Thesis Individual research, special problems, thesis, development and/or design work under the supervision of an appropriate faculty member.

Food Science and Human Nutrition 396, FSHN 396. Undergraduate honors Research or Thesis Individual research, special problems, thesis, development and/or design work under the direction of the Honors advisor.

Nutritional Sciences 530 (NUTR 530, KIN 530, CHLH 530, FSHN 530, SOCW 570, HDFS 551): Childhood Obesity: Causes, Correlates and Consequences.

Contributions to multidisciplinary and transdisciplinary teaching: My contributions to these areas are reflected in the development of graduate-level courses related to my main topic of interest –obesity and related diseases. I am actively involved in campus-wide (STRONG Kids, I-TOPP [Illinois-Transdisciplinary Obesity Prevention Program]) and international (Up Amigos) multidisciplinary research teams. In addition, I contributed to the development and execution of a new graduate obesity course (NUTR 530) as part of the I-TOPP curriculum. My participation was instrumental in establishing a new joint degree (MPH/Ph.D.) program. I have supervised many undergraduate students working on STRONG Kids projects, funded one Research Assistant working on STRONG Kids project for her Master’s degree, currently mentor a doctoral student and serve on the committees of four students enrolled in the I-TOPP joint MPH/Ph.D. program. These cross-campus programs foster an exemplary environment to support successful collaboration and transdisciplinary scholarship. My contributions as an I-TOPP faculty fellow are diverse and extend from undergraduate to graduate mentoring, class delivery and outreach. Our team is gathering important lessons on the educational experiences offered for the next generation of leaders on transdisciplinary research.

B. MENTORING

i. Graduate Students Directly Mentored

a) M.S. Students (Thesis)

Yingying Wang, M.S., (Fall 2009 - Fall 2011). Division of Nutritional Sciences (DNS), University of Illinois.

Thesis title: Individual genetic variations of eight SNPs associated with risk of obesity in preschool age children from STRONG kids program.

Current position: Regulatory Affairs Specialist, International Area Strategic at Abbott Nutrition

Michelle Mosley, M.S. (Spring 2010 - Spring 2012). Department of Food Sciences and Human Nutrition, University of Illinois

Honors and Awards: Recipient of the Bonnie Puls Raths Memorial Fellowship (2011); Internship in PEPSICO June 2012

Thesis title: Risk factors associated with the development of metabolic syndrome in Mexican adolescents.

Current position: Ph.D. awarded University of Hawaii, Manoa.

Courtney Marques, M.S., R.D. (Fall 2012 - Summer 2015). Division of Nutritional Sciences (DNS), University of Illinois

Thesis title: Defining risk for metabolic syndrome in young Mexican adults: the relationship between β,β -carotene-15,15'- oxygenase 1, nutrition and the lipid profile

Current position: R.D. at Veteran’s Hospital, Colorado.

Bridget Hannon, M.S., (Fall 2015 – Spring 2017). Division of Nutritional Sciences (DNS), University of Illinois

Research topic: The challenge of weight management in families of Hispanic origin: Ascertainning Biological and Cultural elements for healthier outcomes.

Current position: PhD student in my laboratory.

b) Ph.D. Students (Thesis)

Itzel Vazquez, Ph.D. (Spring 2010 - Summer 2014). Department of Food Sciences and Human Nutrition, University of Illinois.

Honors and Awards: The Verdell Frazier Young Scholarship, Women Resource Center (2013); Graduate College conference travel grant (2013); The American Association of University Women International fellowship (2013-2014); Holmes fellowship (2013); FSHN travel award (2013).

Research topic: Impact of fatty acid desaturase (FADS) genotypes on the relationship between serum lipids and dietary fat intake in young Mexican collegestudents.

Current position: Postdoctoral fellow at the Department of Nutrition and UNC Nutrition Research Institute, University of North Carolina at Chapel Hill.

Anthony Wang, B.Sc., (Fall 2012 – Fall 2015). **Medical Scholar Program**

Division of Nutritional Sciences, University of Illinois.

Honors and Awards: USDA-NIFA National Needs Fellowship Program recipient (2013).

Research topic: Microbial and genetic influences on childhood obesity.

Current position: Completing Medical Degree at the University of Illinois.

c) M.P.H. / Ph. D. (Thesis)

Katie Robinson (Paige), B. Sc. MPH (Fall 2011 – Spring 2017).

Division of Nutritional Sciences, University of Illinois.

Honors and Awards: I-TOPP scholar

Research topic: Gene-environment interactions associated with inflammation and the development of obesity.

Current position: NIH T32 funded post doc position in Diabetes Research Training Program at the University of Iowa.

Current Graduate Students

a) M.S. Students (current)

Viridiana Luna, B.Sc., (Fall 2016-Expected Spring 2019).

Division of Nutritional Sciences (DNS), University of Illinois.

Research topic: Ascertaining Biological and Cultural elements for healthier outcomes in families of Hispanic origin.

b) Ph.D. Students (current)

Bridget Hannon, M.S., (Fall 2017- Expected Spring 2020).

Division of Nutritional Sciences (DNS), University of Illinois.

Research topic: Genetic contributors to the dietary effects on cardiometabolic health

Maribel Barragan, B.S., RD, (Fall 2018 -)

Division of Nutritional Sciences (DNS), University of Illinois.

Research topic: Challenges on weight management/ Biological and Cultural factors

Ana Mitchell, B.S., (Fall 2018 -)

Division of Nutritional Sciences (DNS), University of Illinois.

Research topic: Impact of Adverse Childhood Experiences (ACEs) on chronic stress and health outcomes

Service on Graduate Student Thesis Committees:

c) Service on Graduate Student Ph. D. Thesis Committees:

DNS Ph.D.: Miriam Aguilar Lopez, Asma'a Ghaleb Ali Albakri, Clara Salame, Ruyu Liu,

MPH Ph.D./I-TOPP: Liliana Aguayo, Natasha Cole

HDFS Ph.D. Elizabeth Villegas

d) Service on Graduate other thesis Committees: Medical Scholar Program

Tracy Flood, M.D., Ph.D. (2008 – 2011)

Department of Kinesiology and Community Health Medical Scholars Program, University of Illinois. Dissertation title: “The UP Amigos Project: Testing the sensitivity and specificity of the 2007 Pediatric Expert Committee Recommendation in Latinos”

Current position: Population Health Fellow at the University of Wisconsin-Madison.

Katherine Magerko, M.D., Ph.D. (2011 - 2016)

Department of Human Development & Family Studies Medical Scholars Program, University of Illinois.

Dissertation title: “Heart Health in Family Child Care”

Campus Award for Excellence in Public Engagement

Current position: Completing Medical School Program

Vanessa Petters, M.D., Ph.D. (2013 – 2018)

Department of Food Sciences and Human Nutrition Medical Scholars Program, University of Illinois.

Dissertation title: “The Acquisition of *Clostridium difficile*-Associated Disease: The Role of Nutritional Care”

Current position: Completing Medical School Program

ii. Undergraduate Students Mentored in Research Program

- Training of Undergraduate students participating in the HISPANIC HEALTH PROGRAMS (Abriendo Caminos) new course development, HDFS 494 cross listed FSHN 499. Fall 2015 to date, 2018. In total 30 students have registered to the 2-semester series. Participating students include ~85% of Hispanic/Latino.
- Training of Undergraduate students participating in the STRONG KIDS (Synergistic Theory and Research on Obesity and Nutrition Group) program new course, HDFS 494. Fall 2011 to date, 2014: 2009-2010, n = 55, 2011-2012, n = 23, 2013-2014, n=20. Participating students include ~15% of Underrepresented Minorities.
- Mentor, McNair program. Melissa Morales-Perez (Summer/2010-2011). Projects: “Impact of Acculturation on Dietary Habits of Latina Immigrants in Central Illinois” and “Determinants of Tortilla Consumption among Mexican Women: Modeling the Association between Socioeconomic Status, Cultural Stress and Dietary Acculturation”

- Mentor, McNair program. (Summer 2015-2018). Students: Alejandra Flores, Brenda Munguia, Kimberly Galvez, Stephanie Gil,
- Mentor, James Scholar program. (2018). Students: Mira Patel

iii. Visiting Students Mentored in Laboratory

- Summer 2018. University of Illinois Summer Pre-doctoral Institute (SPI) as part of the pre-doctoral studies. Mentorship: Maribel Barragan
- Summer 2018. University of Illinois Summer Research Opportunities Program (SROP) as part of the pre-doctoral studies. Mentorship: Maria Pita
- Summer 2018. CONACYT exchange Program, as part of the pre-doctoral studies program. Mentorship: Melissa Jiménez Gómez-Tagle, Alejandra Reynoso
- Fall 2017. Practicum internship mentor for two students at the Graduate Entry (GE) program to become a Registered Nurse and Master's in Nursing. UIC/Urbana College of Nursing: Muñoz Maritza, Chavez Verenice
- Summer 2017. CONACYT exchange Program, as part of the pre-doctoral studies program. Mentorship: Jorge Zuniga, Carlos Adrian Gonzalez
- Summer 2016. University of Illinois Summer Research Opportunities Program (SROP) as part of the pre-doctoral studies. Mentorship: Maribel Barragan
- Summer 2016. CONACYT exchange UASLP Program, as part of the pre-doctoral studies program. Mentorship: Marisol Vidal
- Summer 2015. CONACYT exchange Program, as part of the doctoral studies program. Mentorship: Nancy Corral.
- Summer 2015. Brazil Scientific Mobility Program (BSMP), as part of the Science without Borders program. Mentorship: Daniela Avelino.
- Summer 2014. Brazil Scientific Mobility Program (BSMP), as part of the Science without Borders program. Mentorship: Natalie Melotto.
- Summer 2014. CONACYT exchange Program, as part of the doctoral studies program. Mentorship: Elizabeth Monreal.
- Spring 2013. Faculty of Food Science and Technology of Zamorano University. Exchange undergraduate program from Honduras. Mentorship: Johana Coronel. Research project during her visit contributed to develop an independent undergraduate research thesis that will be published in the near future ("Validation of the Rapid Eating Assessment for patients (REAP) questionnaire in Zamorano University students").
- Summer 2013. Brazil Scientific Mobility Program (BSMP), as part of the Science without Borders program. Mentorship: Ingrid Zago.
- 2009-present, Faculty Sponsor for a total of 11 high school and undergraduate students involved in special programs through the College of ACES designed to recruit and provide research experiences to minority students. Programs include: Research Apprentice Program (RAP I and II); Ronald E. McNair Scholars Program and Young Scholars Program.
- 2010-summer, RAP II. Advisees: O. Weathers (currently undergraduate at HDFS) and K. Perez.
- 2011-summer, RAP II. Advisees: B. Cottrell and N. Tarelton (undergraduate at CME, minor in FS). Co-Advisees: S. Reyna, M. Martinez, L. Mwale-Anderson

- 2010 – 2011, summer, McNair program. Mentee: M. Morales-Perez
- 2012-summer, RAP II. Advisees: J. Young
- 2013-summer, RAP II. Advisees: R. Neelson, V. Wallace, A. Wadia
- 2011 – 2014, Program Director, USDA (MSP) Program MANNA (Multicultural Advocates in Nutritional Needs and Agriculture). (2011 – 2012) Melanie Christion (ANSC), Gregory Chavez (FSHN-FS). Mentees: Francisco Belsis (FSHN-HN), Ramona Montez (FSHN-HN), Valerie Muñoz (FSHN-FS), Luis Real (FSHN-CHEM).
- 2011 – Present: Faculty Sponsor for I-ALAS (Illinois Advocates for Latino Advancement in Science), founder and member of the selection committee. I-ALAS aims to increase recruitment and retention of Latino students and their academic research experience, leadership and scientific preparation.

V. COMMITTEE WORK

A. Committee work within the University of Illinois

Carle Illinois College of Medicine Course

Member of the Admissions Committee 2017- to date

Member of the Admissions Committee – Diversity Task Force. 2017- to date
University of Illinois at Urbana-Champaign

Department of Human Development and Family Studies (HDFS)

Search Committee, Visiting Program Coordinator, HDFS, 2016

Search Committee, Visiting Research Specialist, HDFS, 2016

Visiting Research Specialist Committee (Chair), HDFS, 2017

Undergraduate Education Strategic Task Force, nominated member, HDFS, 2018

Department of Food Sciences and Human Nutrition (FSHN)

Awards Committee, FSHN, 2008-2012

Search Committee, Assistant/Associate Professor of Nutrition, FSHN, 2009

Courses and Curriculum Committee, FSHN, 2010-2011

Nishida Awards Committee, FSHN, 2012

Search Committee, Quantity Foods Manager and Teaching Associate, FSHN, 2012

Search Committee, Visiting Research Specialist in Nutrition, FSHN, 2012

Search Committee Teaching Associate, Dietetics position FSHN, 2012

Courses and Curriculum Committee, FSHN, 2012-2013

Graduate Programs Committee, FSHN, 2013-2014

Search Committee, Visiting Research Registered Nurse, FSHN, 2018

Division of Nutritional Sciences:

Search Committee for Program Coordinator, 2009

Reviewer for the Margin of Excellence awards, 2009-2011

Search Committee for Visiting Research Specialist in Nutrition, 2012

Executive Committee, 2013-2016

Chair Awards Committee, DNS, 2017, 2018

Chair Qualifying Exam Doctoral program, 2017-2018

Cooperative Extension

AA/EEO & Inclusion Committee
International Committee

College of ACES:

Advancement, Development, and Alumni Relations Policy Committee (*ex officio*)
Education Policy Committee member, 2009-2010
Advancement Policy Committee member, 2010-2011
Search Committee for Director of Education Abroad Programs, 2011
Advancement Policy Committee Chair, 2011-2012
Salary and Budget Subcommittee, 2013-2014

University of Illinois:

Elected Senate member 2008-2010
Participated in Third goal of “The Next 150” 2013-2016 Strategic Plan: Make a significant and visible societal impact.

B. Other miscellaneous committee work

(Including marketing and/or recruitment activities)

University of Illinois Explore ACES activities, 2009-2014
University of Illinois JBT Interview Committee (Member), ACES, 2011
I-TOPP Annual Student Evaluation Committee (Member), ACES, 2013-2018
Foreign Languages and Area Studies Fellowship Competition, FLAS 2018-19 Faculty Reviewer.
Implement workshops of how to handle stress among families in schools of the Champaign District 4 “Dealing with difficult times”
Continue to work in a grant-funded project, leading a team to create an infrastructure for recruiting, training and retaining Hispanic volunteers for Illinois Extension Programs (the “Hispanic Ambassadors” program)
Conduct workshops to train our USDA partners in Puerto Rico and Texas, The Extension workshops included several topics on working with Latino families
Language Access Plan Team member (Extension Task force for Limited English Proficiency support)

Impact Statement

Dr. Margarita Teran’s work provides insight into best practices for promoting health among rural Hispanic families, an important and growing group in the U.S. Dr. Teran is leading an effort to recruit and train a Hispanic volunteer corps to partner with Illinois Extension to serve difficult-to-reach families. Her research and outreach program *Abriendo Caminos*, an intervention targeting critical health-related behaviors in Hispanic families, was recently funded by the USDA for further testing in 5 states.