

CURRICULUM VITAE

Margarita Teran-Garcia, M.D., Ph.D., F.T.O.S.

Director, Applied Health Professions

University of Illinois Extension

Affiliate:

*Division of Nutritional Sciences

Department of Food Science and Human Nutrition

*Department of Biomedical and Translational Sciences

Carle Illinois College of Medicine

*Family Resiliency Center

*Center for Social & Behavioral Science

*Center for Latin American and Caribbean Studies

*Illinois Health Sciences Institute

University of Illinois at Urbana-Champaign

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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

2025 - Current **Director, Applied Health Professions**

University of Illinois Extension

Faculty Affiliate of:

- Illinois Health Sciences Institute (IHSI)
- Center for Latin American and Caribbean Studies (CLACS)
- Department of Biomedical and Translational Sciences
 Physician Educator Carle Illinois College of Medicine
- Family Resiliency Center
- Division of Nutritional Sciences - **Research Assistant Professor**
- Department of Food Science and Human Nutrition (FSHN)

Clinical Associate Professor

College of Agricultural, Consumer and Environmental Sciences.

University of Illinois at Urbana-Champaign

2020 - 2025 **Assistant Dean of Integrated Health Disparities Programs**

University of Illinois Extension

2021 - Current **Faculty Affiliate of:**

- Personalized Nutrition Initiative
- A partnership between the Office of the Vice Chancellor for Research and Innovation, the Carl R. Woese Institute for Genomic Biology, and the College of Agricultural, Consumer and Environmental Sciences.

University of Illinois at Urbana-Champaign

2020 – 2021 **Teaching Assistant Professor, Medical Education Facilitator**

Department of Biomedical and Translational Sciences

Carle Illinois College of Medicine

University of Illinois at Urbana-Champaign

2017 - 2021	Course Director, Nutrition and Metabolism Carle Illinois College of Medicine Department of Biomedical and Translational Sciences University of Illinois at Urbana-Champaign
2016 - 2020	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 and Caribbean Studies (CLACS) University of Illinois at Urbana-Champaign
2015 - 2021	Extension Specialist, Hispanic Health Programs University of Illinois Extension
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 Pediatría (INP). México City. México.
1992-1995	Pediatric Residency/Clinical fellow. National Institute of Pediatrics (INP). México City. México.
1991-1992	Research Assistant. Unidad de Genética de la Nutrición, Area of study: malnutrition/Inborn errors of metabolism. National University Autonomous of Mexico (UNAM), Mexico City.

C. Scholarships, Honors and Awards

- 2025 Certificate of completion, Communicating Science for Policy training, National Science Policy Network.
- 2025 Certificate of completion, Leadership Development Institute, Carle Illinois College of Medicine, at the University of Illinois.
- 2024 Priester Health Award at the National Health Outcome Conference Impact Award for the program, "Abriendo Caminos: Clearing the Path to Hispanic Health".
- 2021 Society for Nutrition Education and Behavior. The Nutrition Education Program Impact Award for the program, "Abriendo Caminos: Clearing the Path to Hispanic Health". A program to work with low-income and low-literacy Hispanic families to guide them on a path to health.
- 2021 American Society for Nutrition Foundation Awardees. Volunteer of the Year Award for leadership and participation in the Minority and Diversity Affairs Committee.
- 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.
- 2018 Chair elected at the Society for Nutrition, Education and Behavior for the Division "Nutrition Education Beyond Weight."
- 2017 Outstanding Instructor Award in recognition of exemplary Instruction of McNair Scholars. Office of Minority Student Affairs. TRiO Ronald E. McNair Postbaccalaureate Achievement Program. "Your course and the Abriendo Caminos research program have 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 Minority Affairs Committee, American Society for Nutrition 2011. Chair Elected.
- 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 Member.
- 2011 Selected as a finalist and participant 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 Asociación 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.

- 2023-24 Luis Gutiérrez.** Kraft Heinz Fellowship, Division of Nutritional Sciences, 2022-2023. NSGSA Symposium, Division of Nutritional Sciences, Poster Presentation Award, 2024. "Increasing engagement and retention of vulnerable populations in nutrition research: the secret salsa of the MEXIMEDI personalized intervention."
- 2016-21 Maribel Barragan** Summer Research Opportunities Program (SROP) Fellow 2016. Summer Pre-doctoral Institute Fellow, 2018. Kraft Heinz Fellowship, Division of Nutritional Sciences, 2018-2020. *Margin of Excellence Travel Award*, Division of Nutritional Sciences, 2019. American Association of Hispanics in Higher Education USDA-NIFA Graduate Fellow, 2020. NSGSA Symposium,

- Division of Nutritional Sciences, poster presentation award, 2021. Nutrigenomics, Nutrigenetics, and Precision Nutrition *Short Course Scholarship*, Nutrition Research Institute, University of North Carolina, 2021. *Margin of Excellence Travel Award*, Division of Nutritional Sciences 2021 “MEXIMEDI diet: A cultural adaptation to improve metabolic health outcomes in Mexican adults.”
- 2015-20** **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*, and *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.
- 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.
- 2013** **Anthony Wang** Recipient of the NIFA/USDA fellowship. Special award of the Pediatric Section, The Obesity Society, Annual meeting 2016. Poster Competition.
- 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)
 Society for Nutrition Education and Behavior (SNEB)
 National Rural Health Association (NHRA)
 Illinois Community Health Workers Association [ILCHWA]
 Liver Health Initiative (Board Member 2022 -)

Society's Service:

- 2018-2020 Chair elected, Society for Nutrition, Education and Behavior, Division "Nutrition Education beyond Weight."
- 2019-2021 Diversity, Equity, Accessibility, and Inclusion (DEAI) Committee FASEB member
- 2017-2022 Minority and Diversity Affairs Committee *ex officio* chair, and member, American Society for Nutrition
- 2011-2017 Elected Council member at large for Mexico, The Obesity Society
- 2017 Chair and Judge ASN Young Minority Investigator Oral Competition, American Society for Nutrition
- 2014-2016 Chair of the Minority Affairs Committee, American Society for Nutrition
- 2010-2013 Member of the Minority Affairs Committee, American Society for Nutrition
- 2012- Interim Council Liaison for the Diversity Section, The Obesity Society
- 2010-2011 Chair-Elect for the Latin American Affairs Section, The Obesity Society
- 2010- Member of Education Task Force, Medical Nutrition Council, American Society for Nutrition
- 1992-1993 Founder and President of the Society of Residents and Ex-Residents, 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), Journal of Nutrition Education and Behavior, International Journal of Obesity, PLOS, Obesity, Advances in Nutrition, Frontiers in Nutrition, Frontiers in Pediatrics, Frontiers in Public Health.

II. FUNDED RESEARCH PROJECTS AND SOURCES

A. Principal Investigator

PI: Teran-Garcia, M. , Engagement, Training, and Education Core (UIUC, Extension)	US Department of Health & Human Services (Agency for Healthcare Research & Quality, AHRQ) IL Primary Care Regional Extension Center Northwestern lead plus UIC, UC, SIU, FQHCs	\$1,938,553 PENDING
PI: Teran-Garcia, M. , CPI: Carrillo-Rodriguez, M. 04/01/2024-03/31/2025	eXtension Foundation. EXCITE- Bridge Illinois UIUC Literacy in Immunization and Vaccination Education	\$30,000
PI: Teran-Garcia, M. , 06/01/2023-11/30/2024	eXtension Foundation. EXCITE 3 Illinois UIUC Literacy in Immunization and Vaccination Education	\$100,000
PI: Teran-Garcia, M. Summer 2024	Community-Engaged Scholars Program Illinois Health Science Institute “Cultural Humility: HEALER® developing training manual and new adaptations”	\$4,000
PI: Teran-Garcia, M. Cols: Cohen, M., Opoku, I., Ahmad, I. S., Shaffer, A., Mao, M., Saadah, B, 12/01/2022 – 12/01/2024	Engaged Unit Program, University of Illinois – Office of the Chancellor “Growing Up Together: Journey from Prenatal to the First 1000 Days of Life with Medical Trainees”	\$15,000
PIs: Teran-Garcia, M. , Co-PIs: Zhu R., 03/01/2022 – 02/28/2024	Personalized Nutrition Initiative, University of Illinois – Seed Grant MEXIMEDI Diet: A Personalized and Cultural Adaptation to Improve Health Outcomes in Mexican Adults	\$49,853
PI: Teran-Garcia, M. , Co-PIs: Donovan S.M., Khan, N., Bost K.K., Fiese B.H., Musaad, S. Pan, Y.K. 2018-2021	U of I - College of ACES, Office of Research. Future of Interdisciplinary Research Explorations (FIRE) Seed Grants <i>Genetic and Epigenetic contributions to child health outcomes in the STRONG kids 2 cohort</i>	\$60,000
PI: Teran-Garcia, M. , Co-Is: Wiley A., Fiese B.H., and PDs from CA, TX, IA and PR. 2015-2023 (NCE)	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	\$3,340,000

PI's: Teran-Garcia, M. Rowitz, B. Co-I: Hannon B. 2017 – 2019	U of I - College of ACES, Division of Nutritional Sciences Vision 20/20 Grant <i>"Pre-Operative Weight Loss Protocol: Fasting Glucose, Insulin-resistance Control, and Healthful Surgical Outcomes" (pOWL-FINCH).</i>	\$20,000
PIs: Teran-Garcia, M. Brooks, J 2017-18	U of I - College of ACES, Office of International Programs, <i>Academy for Global Engagement, Scholar's 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".	\$10,000
PIs: Hannon, B. (grad student) Teran-Garcia, M. (mentor) 2016	U of I - College of ACES, Division of Nutritional Sciences, Margin of Excellence Award <i>"About Biology & Clan (ABC): An Abriendo Caminos Subproject"</i>	\$1,800
PIs: Wiley, A.R., Teran-Garcia, M. (I-TOPP mentors) Co-PIs: Figueroa, R., Hannon, B. (I-TOPP scholars) 2015 – 2016	I-TOPP seed grant <i>Childhood Obesity Prevention Among Latino Households and Families: A Randomized Control Trial</i>	\$9,806
PI: Teran-Garcia, M., Co-Is: Erdman J.W., Andrade F.C.D. 2014-2016	U of I - College of ACES, 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>	\$20,000
PIs: Teran-Garcia, M., Wang A., Donovan S.M. 2014-2015.	I-TOPP seed grant <i>Microbial and genetic influences on childhood obesity.</i>	\$10,000
PI: Teran-Garcia, M., Co-Is: Tovar C. 2014	U of I - College of ACES, Office of International Programs Seed Grant <i>Obesity, metabolic disease, and kidney damage.</i>	\$4,000
Co-PIs: Teran-Garcia, M., Wiley A., Co-Is: Raffaelli M., Andrade F.C.D. 2013-2015	U of I - College of ACES, Office of Research. Future of Interdisciplinary Research Explorations (FIRE) Seed Grants. <i>I-BRIDGE: Illinois-Building Research Interactions to Distinguish Genetic and Environmental factors.</i>	\$40,000
PI: Teran-Garcia, M. 2013-2015	USDA/NIFA-HATCH <i>GET UP KIDS: Gene-Environment Trajectories in the Up-Amigos and STRONG Kids Projects.</i>	\$9,000
PI: Teran-Garcia, M. Co-I: Paige N.K., Rowitz, B. 2013 – 2014	I-TOPP seed grant <i>Changes in inflammatory cytokines in adolescents receiving bariatric surgery (I- OWLS).</i>	\$9,899

PI: Teran-Garcia, M. Co-PI's: Donovan S.M., Gaskins H.R. 2011 – 2012	I-TOPP seed grant <i>Non-invasive obesity biomarkers: How about gas?</i>	\$9,987
PI: Teran-Garcia, M. Co-PIs: Donovan S.M., Gaskins H.R., Rodriguez-Zas S., Chen H., Wiley A., and STRONG kids 2011	U of I - College of ACES, Office of Research. <i>Systems biology platform to understand gene-environment (nutrient) interactions.</i>	\$30,500
PI's: Teran-Garcia, M. , and Aradillas-Garcia, C. 2011	U of I - College of ACES / CONACYT <i>Obesity and retinol: a nutrigenomic approach.</i>	\$8,000
PI: Teran-Garcia, M. 2011	U of I - Office of the Vice Chancellor for Research. <i>Scholars' Travel Program</i>	\$650
PI: Teran-Garcia, M. , Co-Is: Donovan SM, Evans E. 2010 – 2011	U of I - Research Board <i>Early identification of childhood obesity: assessing body composition and genetic markers.</i>	\$17,000
PI: Teran-Garcia, M. 2010	U of I - College of ACES, Office of International Programs, seed grant <i>Travel award for scholar exchange with UASLP.</i>	\$2,500
PI: Teran-Garcia, M. , 2008 – 2013	USDA/NIFA-HATCH <i>Prevent Obesity and Nutrition-related Diseases: Environmental Resources and Genomics. (PONDER-G).</i>	\$70,000
PI: Teran-Garcia, M. Summer 2025	Community-Engaged Scholars Program Illinois Health Science Institute CAS-IHSI "Cultural Humility: HEALER® evaluation and adaptation of training manual."	\$4,500
PI's: Teran-Garcia, M. , Park, G. Summer 2026	Community-Engaged Scholars Program Illinois Health Science Institute CAS-IHSI Promotion and Advocacy for Transformational Health, Mandarin-Speaking /Chinese American Families: PATH MCA	\$4,500
PI's: Teran-Garcia, M. , Anwisy-Mashele, I., Park, G., Raj, M. Summer 2026	Alliance for Research Enterprise Excellence in STEM (AREES), and Research and Education for the Advancement of Compassionate Healthcare (REACH). Summer Research Opportunities (SROP)	\$2,000
Total support granted as PI (not including pending grants)		\$3,816,495

B. Co-Principal Investigator

R01 DK138032 PI: Donovan S.M.; Teran-Garcia, M. , Role Co-I 03/01/24-12/31/28	Elucidating Gene-Environment-Behavior Interactions to Uncover Causal Mechanisms for Obesity in Early Life	\$2,554,059
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PIs: Raj, M., Cervantes Turrubiates, L.A. Co-Is: Teran-Garcia, M. Kaufer Horwitz, M., Torres-Domínguez, J.A., 2025-2027	UNAM UI system RFA Seed Grants Diagnosis and nutritional and educational intervention in institutionalized older adults in Mexico City (DINEPAMI)”	\$50,000
PI: McCaffrey, J., CPI: Teran-Garcia, M. , 06/01/2021-05/31/2023	eXtension Foundation. EXCITE Illinois UIUC and Indiana Purdue Vaccine Champions Project	\$200,000
PI: McCaffrey, J., CPI: Teran-Garcia, M. , 05/01/2021-04/30/2022	eXtension Foundation. EXCITE Illinois UIUC Vaccine Champions Project	\$24,178
PI: Tamayo, J. CPIs: McCaffrey, J., Teran-Garcia, M. 2025-2029	<u>US Department of Commerce (National Telecommunications and Information Administration)</u> Illinois READY – for Internet Applications of Today and Tomorrow	\$18,943,172 (unfounded)
PI: Raj, M. Co-I: Barry, M., Brooks, I., Khan, N., Gatzke, L., Teran-Garcia, M. 2025-2029	US Department of Health & Human Services (Agency for Healthcare Research & Quality, AHRQ) Optimizing SPICE-Healthcare for Patient-Centered Clinical Decision Support in Long-Term Care Nutrition Services.	\$1,272,845 PENDING
PI: Raj, M. Co-Is: N., Khan, M. Teran-Garcia, I. , Brooks, NCSA. 7/1/2024 -6/30/2025	<u>U of I - The Chancellor’s Call to Action Research Program</u> Development of SPICE-Healthcare : Supporting Personalized and Inclusive Cuisines in Environments for Healthcare	\$68,210
PI: Raj, M. Co-I: Khan, N., Teran-Garcia, M. , Gatzke, L., Brooks, I., 2024-2025	<u>Personalized Nutrition Initiative Seed Grant</u> Development of SPICE-Healthcare: Supporting Personalized and Inclusive Cuisines in Environments for Healthcare	\$50,000
PIs: Donovan, S.M., Morán-Ramos S. Co-Is: Teran-Garcia, M. Tovar-Palacio, C., La Frano M., Palacios-González, B., 2024-2026	UNAM UI system RFA Seed Grants Discovering Microbial and Metabolite Biomarkers in Children Participating in Family-Centered Multidisciplinary Intervention	\$40,000
Project Lead: A. S. Akingbule; Project CO-Lead: M., Teran-Garcia , 2021-2023	Health Equity Achieved Together (HEAT) project “Integration of the French-speaking Community in Schuyler Community to Promote Food Access”	\$94,377
PI’s: Barnes, T., CO-Is: Szremski, R. K., Sin, G., and M., Teran-Garcia , 2020-2022	2020 Extension Collaboration Grants “New Immigrant Foodways”	\$57,864

Co-PIs: Donovan, S.M., Fiese, B.H. Co-Is: Bost, K.K., Lee, S.Y., McBride, B., Teran-Garcia, M. 12/01/2012-03/31/2023	Dairy Research Institute <i>STRONG Kids 2: A cells-to-society approach to nutrition in early childhood.</i>	\$3,020,169
PI's: H. Holscher, Y. Pepino, J. Amengual, J. Erdman, Y.-X. Pan, N. Khan, M., Teran-Garcia, and W. O'Brien 2019-2020	U of I - College of ACES, Office of Research Special Purpose Equipment Proposal Purchase of an ultrasound (US) system with a research interface for Liver Ultrasonography	\$74,999
PI's: A. Orta, K. A., Szremski, R. K. Shosted, K. Maldonado, and M., Teran-Garcia, 2019-2020	U of I - College of LAS, Illinois Global Institute Migration and Refugees in Regional and Global Perspectives Initiative: "Evaluating Needs and Improving Support for Q'anjob'al and Other Indigenous Latin American Groups in C-U"	\$17,816
PI's: J. Hsu-Lumetta, A. Arain, P. Pradeep, Co-PI: Teran-Garcia, M. 2018 – 2019	Carle Clinical Research Award. Carle Foundation: "Nutrition knowledge, attitude and practice among Internal Medicine residents and Primary Care physicians."	\$5,000
PI's: Rowitz, B., Teran-Garcia, M. Co- I: Paige N.K., 2016 – 2018	Neal Family Research Fund, Carle Foundation Hospital. "Longitudinal follow-up of the Individualized Outcomes of Weight Loss Surgery (I- OWLS) cohort"	\$12,000
PI's: Wiley, A., McCaffrey, J., Teran-Garcia, M., and Schwingel, A. 2014-2018	Illinois Extension Engagement Initiative Grant. <i>"Building a Latino Health Ambassadors Program with Abriendo Caminos". 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.</i>	\$198,910
Magerko, K., Aujla, P., Logan, S., (all graduate students) Teran Garcia, M., Ahmad, I. & Wiley A. (all faculty mentors) 2014	U of I - Graduate College. Focal Point Award. <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>	\$15,000
PI: Bost, K.K., Co-PIs: Liechty, J.M., Teran-Garcia, M. 2011-2012	I-TOPP seed grant <i>Children's Emotion and Food Consumption: Genetic and Relational levels of Influence.</i>	\$9,899

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	USDA-NIFA 2011-67001-30101 <i>Illinois Transdisciplinary Obesity Prevention Program (I-TOPP).</i>	\$4,500,000
PI: Chen, H., Co-PIs: Teran-Garcia, M. , Pan, YX., Dilger, R., Dilger, A. 2011-2012	U of I - 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.	\$75,000
PI: Chapman-Novakofski, K. CoIs: Diaz Rios, K., Donovan, S.M, de Mejia E, Teran-Garcia, M. 2011-2013	Preventing Diabetes in Hispanic Communities. Food and Family Program. Family Resiliency, University of Illinois.	\$49,667
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	U of I - 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>	\$50,000
PIs: Andrade F.C.D., Raffaelli M. , Teran-Garcia, M. , Wiley A. 2010-2011	U of I - CHAD Pilot Grant Program <i>UP- Amigos: A Collaborative Investigation of Risk-Factors Associated with the Development of Obesity and Related Diseases.</i>	\$10,000
PI: Wiley A., Co-PI: Fiese B.H., Teran-Garcia M. 2009-2011	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>	\$75,000
Co-PIs: Andrade, F.C.D., Raffaelli, M. , Teran-Garcia, M. , Wiley, A., Aradillas, C., (and UASLP). 2008-2009	U of I - 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>	\$20,000
PI: Harrison, K., Bost, K.K., McBride, B., Donovan, S.M. Co-PI: Teran-Garcia, M. , & 6 more 2008-2010	C-FAR Sentinel Grant. <i>The STRONG Kids Project: Cross-disciplinary investigation on media effects on childhood obesity and health within a family.</i>	\$338,089
Total support granted as Co-PI (not including pending grants)		\$11,492,207

C. Training Grants and meetings

PI: Fiese, B.H., and 10 more Teran-Garcia's role: Faculty Fellow 2013-2016	Transdisciplinary Obesity Prevention Program – Undergraduate (TOPP-U). <i>To establish an innovative transdisciplinary training program for undergraduates focused on obesity (flip-the-classroom).</i>	\$746,928
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
Total training grants supported (not including pending grants)		\$1,648,764

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

** 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., **Teran-Garcia, 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. DOI: 10.1093/ajcn/61.2.385. PMID: 7840079
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. DOI: 10.1007/s004390050224 PMID: 8707311

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. DOI: 10.1006/bbrc.1999.1034. PMID: 10425197
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. DOI: 10.1074/jbc.M100461200. PMID: 11279238
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.
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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. DOI: 10.1007/s00125-005-1769-4. PMID: 15868134
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. DOI: 10.2337/diabetes.54.7.2251 PMID: 15983229
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. DOI: 10.1042/BJ20060659. PMID: 16800817
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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. DOI: 10.1016/j.atherosclerosis.2006.12.005. PMID: 17196207
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. DOI: 10.1007/BF03345579. PMID: 18362504
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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. DOI: 10.1038/ejhg.2009.64. PMID: 19384345
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. DOI: 10.1038/oby.2009.205. PMID: 19543202
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. DOI: 10.1007/s00421-011-2274-8. PMID: 22170014
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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. DOI: 10.1017/S0007114511004429. PMID: 21910945

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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. DOI: 10.1016/j.jand.2013.05.023. PMID: 23916973
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C. Conference Proceedings

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PUBLISHED ABSTRACTS from NATIONAL MEETINGS. (Selected from UIUC only, from 2009)

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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.
 50. *Hannon, B.A., *Edwards, C.G., *Thompson, S.V., Burd, N.A., Holscher, H.D., **Teran-Garcia, M.**, Khan, N. (2019, June). Genetic variants in lipid metabolism pathways interact with diet to influence blood lipid concentrations in adults with overweight and obesity. (P15-015-19). *Annual meeting of the American Society of Nutrition*. Baltimore, MD. Current Developments in Nutrition, 2019; 3, Supp_1, nzz037. DOI: [10.1093/cdn/nzz037.P15-015-19](https://doi.org/10.1093/cdn/nzz037.P15-015-19)

51. *Liu, R., *Hannon, B.A., Robinson, K., Raine, L.B., Hammond, B., Renzi-Hammond, L., Cohen, N., Kramer, A., Hillman, C., **Teran-Garcia, M.**, Khan, N. (2019, June). Single Nucleotide Polymorphisms in BCO1 and CD36 Are Related to Macular Pigment Among Children (OR05-04-19). *Annual meeting of the American Society of Nutrition*. Baltimore, MD. Current Developments in Nutrition, 2019; 3, Supp_1, nzz029. OR05-04-19, [DOI: 10.1093/cdn/nzz029.OR05-04-19](https://doi.org/10.1093/cdn/nzz029.OR05-04-19)
52. *Barragan, M., *Luna, V., Vargas-Morales, J.M., Aradillas-Garcia, C., **Teran-Garcia, M.** (2019, June). Uric Acid: An Overlooked, Inexpensive Biomarker of Metabolic Syndrome (P10-068-19). *Annual meeting of the American Society of Nutrition*. Baltimore, MD. Current Developments in Nutrition, 2019; 3, Supp_1, [DOI: 10.1093/cdn/nzz034.P10-068-19](https://doi.org/10.1093/cdn/nzz034.P10-068-19)
53. *Luna, V., *Hannon, B.A., Hammons, A., Musaad, S.M.A., *Villegas, E., Wiley, A., Fiese, B.H., & **Teran-Garcia, M.** (2019, July). Improving Dietary Behaviors of Hispanic Children with a Family-Based Obesity Prevention Program: “Abriendo Caminos”. P174. *Annual meeting of the Society of Nutrition Education and Behavior*. Orlando, FL. Journal of Nutrition Education and Behavior, 2019; 51(7, Suppl), S111. [DOI: 10.1016/j.jneb.2019.05.550](https://doi.org/10.1016/j.jneb.2019.05.550)
54. **Teran-Garcia, M.**, Hammons, A., Greder, K., Olvera, N., Matos, N.J.C., Plaza-Delestre, M., Wiley, A., & Fiese, B.H. (2019, July). NP9 “Abriendo Caminos”: Opening Opportunities for Healthy Pathways. *Annual meeting of the Society of Nutrition Education and Behavior*. Orlando, FL. Journal of Nutrition Education and Behavior, 2019;51(7, Suppl), S13-S14. [DOI: 10.1016/j.jneb.2019.05.333](https://doi.org/10.1016/j.jneb.2019.05.333)
55. Hammons, A., *Villegas, F.E., Sloane, S., Barragan, M., **Teran-Garcia, M.**, Olvera, N., Greder, K., Fiese, B. P36 Hispanic Mothers’ Barriers to Making Healthy Eating Changes Within the Family. *Annual meeting of the Society of Nutrition Education and Behavior*. Journal of Nutrition Education and Behavior. 2020 Jul 1;52(7):S32.
56. Hsu-Lumetta, J., *Pradeep, P., Owens, L. and **Teran-Garcia, M.** Survey of Nutrition Knowledge, Attitudes and Counseling Skills in Primary Care Training. *Annual meeting of The Obesity Society, Nov, 2020*. Obesity, 2020; 28:161-161.
57. *Barragan, M., *Luna, V., Hammons, A., Olvera, N., Greder, K., **Teran-Garcia, M.** P97 Reducing Obesogenic Behaviors Through a Culturally-Tailored Family-Based Program: “Abriendo Caminos”. *Annual meeting of the Society of Nutrition Education and Behavior, 2021*. Journal of Nutrition Education and Behavior. 2021 Jul 1;53(7):S69.
58. *Akingbule, O., **Teran-Garcia, M.**, Panumpabi, O., Alston, R. P79 Exploring the Dietary Behaviors and Perceptions of African Immigrants: A Qualitative Study of Nigerian and Congolese Immigrants. *Annual meeting of the Society of Nutrition Education and Behavior, 2021*. Journal of Nutrition Education and Behavior. 2021 Jul 1;53(7):S61.
59. Singleton, C., **Teran-Garcia, M.**, *Fabusoro, O., Lara-Cinisomo, S. 034 Change in Employment Status Due to the COVID-19 Pandemic, SNAP Participation, and Food Security Status. *Annual meeting of the Society of Nutrition Education and Behavior, 2021*. Journal of Nutrition Education and Behavior. 2021 Jul 1;53(7):S16.
60. *Fabusoro, O., Singleton, C., **Teran-Garcia, M.**, Lara-Cinisomo, S. P107 Predictors of Food and Water Stockpiling During the COVID-19 Pandemic. *Annual meeting of the*

- Society of Nutrition Education and Behavior*, 2021. *Journal of Nutrition Education and Behavior*. 2021 Jul 1;53(7):S74.
61. Singleton, C., *Fabusoro, O., **Teran-Garcia, M.**, & Lara-Cinisomo, S. (2021, October). Basic needs insecurity during the COVID-19 pandemic among black and Latino adults in the Midwest. In APHA 2021 Annual Meeting and Expo. APHA.
 62. *Barragan, M., Donovan, S.M., **Teran-Garcia, M.** (2022, October). Qualitative Analysis of Mexican Adults' Perspective on Healthy Eating. The Obesity Society 2022 Annual Scientific Meeting Obesity Week. San Diego, CA (poster presentation).
 63. Murkergee, U., Sumkin, D., Seshadri, S., Willemsen-Dunlap, A., Mendenhall, R., **Teran-Garcia, M.** Rural Health Kiosks. Poster Presented at: Supply Chain Management Conference; University of Illinois Urbana-Champaign; February 23, 2024. Gies College of Business, Urbana-Champaign.
 64. MacMillan Uribe A., Graham M., Szeszulski J., Lewis E., Rethorst C., Racine E., Figueroa R., Palma M., Yaroch A., **Teran-Garcia, M.**, Dodd C., Seguin-Fowler R. (2026). Characterizing Cooperative Extension Educators' Practice-Based Adaptation Strategies for Nutrition Education Programs. Abstract accepted for oral presentation and publication at the Annual Meeting of the *Society of Nutrition Education and Behavior*. July 2026. Washington, D.C.

OTHER NATIONAL REFEREED PRESENTATIONS

1. **Teran-Garcia, M.**, Andrade, F.C.D., Aradillas-Garcia, C., 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 mealtimes 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. Other 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.**, 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.
43. **Munguia, B., **Teran-Garcia, M.**, McNair Scholars Program. (2019, April). Cancer Beliefs among Latina Mothers. Oral presentation at the UIUC Undergraduate Research Symposium, University of Illinois at Urbana Champaign.

44. **Moreno, M., Luna, V., **Teran-Garcia, M.**, and Abriendo Caminos Research Team. (2019, April). Snacks/bocadillos: A Gateway to Excess Weight Gain among Hispanic-Heritage Children. School of Chemical Sciences, Division of Nutritional Sciences, Department of Human Development and Family Studies, University of Illinois at Urbana-Champaign. Poster presentation at the UIUC Undergraduate Research Symposium, Urbana-Champaign, IL.
45. **Rodriguez, B., Barragan, M., **Teran-Garcia, M.**, and the Abriendo Caminos Research Team. (2019, April). Five a Day or Miles Away: Exploring Neighborhood Environment and Fruit and Vegetable Intake among Hispanic Adults. Department of Latina/o Studies, Division of Nutritional Science, Department of Human Development and Family Studies, Cooperative Extension, Carle Illinois College of Medicine, University of Illinois at Urbana Champaign.
46. **Patel, M., Mitchell, A. **Teran-Garcia, M.**, and the Abriendo Caminos Research Team. (2019, April). Association of Income and Maternal Depression on Hispanic Childhood Obesity. School of Molecular and Cellular Biology, Division of Nutritional Sciences, Department of Human Development and Family Studies, Cooperative Extension, University of Illinois at Urbana-Champaign. Poster presentation at the UIUC Undergraduate Research Symposium, Urbana-Champaign, IL.
47. **Howard, D., Namara, G., **Teran-Garcia, M.**, and the Abriendo Caminos Research Team. (2019, April) Methods of Nutrition Education: Translations of Literal to Visual Approaches in the Afro-Centered Abriendo Caminos Immigrant Program. College of Applied Health Sciences, School of Molecular and Cellular Biology, Department of Human Development and Family Studies, Cooperative Extension, Division of Nutritional Sciences, College of ACES, University of Illinois at Urbana-Champaign. Poster presentation at the UIUC Undergraduate Research Symposium and at the 5th International Food Security Symposium, Urbana-Champaign, IL.
48. **Montes, I., Salgado-Espino, S., Khan, H., Barragan, M., Akingbule, O., **Teran-Garcia, M.**, and the Abriendo Caminos Research Team. (2020, April). Does Distance Make a Difference? Impact of Food Access to Reported MyPlate Ratings. Poster presentation at the UIUC Undergraduate Research Symposium, Urbana-Champaign IL.
49. **Long, J., Castillo, Y., Mendoza, K., Akingbule, O., Barragan M., **Teran-Garcia, M.**, and the Abriendo Caminos Team. (2020, April). It Takes Two: Analyzing the Association Between Maternal Depression and Childhood Obesity. Poster presentation at the UIUC Undergraduate Research Symposium, Urbana-Champaign, IL.
50. Hammons, A., Villegas, E., Sloane, S., Barragan, M., **Teran-Garcia, M.**, Olvera, N., Greder, K., Fiese, B. (2020, July). Hispanic Mother's Barriers to Making Healthy Eating Changes within the Family. Poster presentation at the Society of Nutrition Education and Behavior, San Diego CA.
51. **ADD MedEx Conferences 2021 - 2026, Health Outcomes 2022 and 2024**
52. *Cao, K., *Hsieh, C., *Tsai, K., *Cheah, D., Medrano, C., Park, G., **Teran-Garcia, M.** 康康: Adapting a health education program for the Mandarin-speaking community. Poster presented at the MedEd Symposium 2025, Carle Illinois College of Medicine, University of Illinois Urbana-Champaign, Urbana, IL.
53. *Lin, K., *Ridgel, G., *Naseem, N., *Nair, A., *Patel, D., **Sweid, L., **Sweid, F., *Agyemang, M., Okoye, S., Bradley, A., Anwisye-Mashele, I., **Teran-Garcia, M.** First

two authors contributed equally to this work. Reflections on Focus Groups for Family-Based Nutrition Curriculum in African American Communities. Poster presented at the MedEd Symposium 2025, Carle Illinois College of Medicine, University of Illinois Urbana-Champaign, Urbana, 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 at the Annual Congress of Associação Brasileira de Nutrologia (ABRAN) and the Annual Meeting of International Colleges for the Advancement of Nutrology (ICAN). September 23-25th. Presented 3 talks:
 - Cell to society approach to study the risk of obesity in preschool-age children;
 - Obesity and gene-environment interactions, and
 - Metabolic Syndrome in Emerging Adulthood. Brazil
2016. Invited guest lecturer 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. Boston, MA.
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.
2019. Invited Speaker. San Francisco University School of Medicine in Quito, Ecuador. “Pediatric Obesity Prevention” / Escuela de Medicina Universidad San Francisco de Quito, Ecuador. “Prevención de la Obesidad Pediátrica”
2019. Invited Speaker. San Francisco University School of Medicine in Quito, Ecuador. “Community Strategies for a Healthy Family Life.” / “Estrategias Comunitarias para una Vida Saludable en Familia.”
2019. Invited Speaker. Public Health School San Francisco de Quito University, Ecuador. “Genetics and the Environment: its Impact on Overweight and Obesity.” / “Genética y Ambiente: Su Impacto en el Sobrepeso y Obesidad.”
2019. Invited Speaker. Public Health School San Francisco de Quito University, Ecuador. “Community Strategies to Prevent Obesity”/“Estrategias Comunitarias Para Prevenir la Obesidad.”
2019. Special invitation. Childhood Obesity Prevention across Borders, workshop. Fogarty International Center, NIH. November 2019. Bethesda, MD.
2019. Presenter. Inclusion session: “Best Practices to Engage Communities for Health Equity.” November 19, 2019. Annual Meeting of Cooperative Extension U of I. Champaign, IL.
2020. Presenter. POVERTY SUMMIT, School of Social Work, University of Illinois at Urbana-

- Champaign. "Health Equality and Food Insecurity." May 1st, Urbana, IL.
2021. Presenter, along with Susan Glassman. Joint Council of Extension Professionals (JCEP): "Best Practices to Engage Communities for Health Equity." Virtual conference. March, Champaign, IL.
 2021. Panelist. Celebrating Diversity Excellence Roundtable. University of Illinois. In recognition of Women's History Month and to honor diversity, a discussion on the accomplishments and experiences of women in the College of Agricultural, Consumer and Environmental Sciences (ACES). March 31st, 2021. Champaign, IL.
 2021. Presenter. Women in Science Lecture Series. University of Illinois Archives Environment and genetic factors that affect obesity. Why do we do what we do? University of Illinois at Urbana-Champaign. September 14th, 2021. Champaign, IL.
 2021. Presenter. 6th Annual Latino Health Summit Building Toward Latino Health Equity. "Health Equality and Food Insecurity: updates". Virtual conference, October 1st, 2021. Houston, TX.
 2021. Presenter. Division of Nutritional Sciences. NUTR500 Frontiers in Nutrition Seminar. "Advancing towards Health Equity: Extension programs and workforce." Virtual presentation, December 1st, 2021.
 2022. Invited speaker. The lunchbox series Institute for Genomic Biology. IGB April 20th "Tortillas y tacos: food for your gut and brain." How the traditional Mexican diet contributes to a healthy microbiome and the Gut-Brain-Metabolism axis. Eat to learn series: Highlighting the intersection of food science and culture.
 2022. Presenting at STRONG Kids2 Research Symposium on April 25th "Integrating non-invasive data collection to identify genetic and epigenetic signals of healthy weight gain." Champaign, IL.
 2022. Invited speaker: Nutrigenetics, Nutrigenomics and Precision Nutrition Short Course May 16-19. Nutrition Research Institute, University of North Carolina. "Nutrition and Epigenetics in Childhood Obesity"
 2022. Invited speaker: NNEdPro 8th International Summit on Nutrition and Health. Empowering Global Nutrition with Digital Technology. July 15th. Canada and USA Regional Networks Satellite Event. "Cell to Society: Nutrition inequities in the US and Data Dashboards."
 2022. Invited Professor: Food Security Course. Diplomado. November 10th Universidad de El Salvador. Facultad de Medicina Escuela de Ciencias de la Salud, "Abriendo caminos": Un programa modelo para la prevención de sobrepeso y obesidad a nivel comunitario en hispanos en U.S.A.
 2022. Invited speaker: Personalized Nutrition Innovation Day. November 16th Personalized Nutrition Initiative Seed Grant Funded Research. "MEXIMEDI Diet: A Personalized and Cultural Adaptation to Improve Health Outcomes in Mexican Adults"
 2022. Invited speaker: PATH (Providing Advanced Training in Health) Internship Program. USDA-sponsored program. Career mentorship. University of Houston, Fall 2022.
 2023. Invited Professor: Curso de Actualización en Nutrigenómica. Instituto Nacional de Medicina Genómica y Universidad Autónoma de Guerrero. Virtual presentation February 20th. Epigenetic Mechanisms and Nutrition, Concepts related to Human

Nutrition Related Diseases.

- 2023. Invited speaker: PATH (Providing Advanced Training in Health) Internship Program. USDA-sponsored program. Career path and mentorship. Virtual presentation. University of Houston, Spring and Fall 2023
- 2023. Invited speaker: Personalized Nutrition Innovation Day. October 3rd, Personalized Nutrition Initiative Seed Grant Funded Research. "MEXIMEDI Diet: A Personalized and Cultural Adaptation to Improve Health Outcomes in Mexican Adults-Results."
- 2024. Invited speaker: I-MMÁS-México Food and Nutrition Symposium: Childhood Obesity in Mexican and Mexican-American Families Symposium. March 7th "Randomized Control Trial of a Childhood Obesity Prevention Family-Based Program."
- 2024. Invited Professor: Curso de Actualización en Nutrigenómica. Instituto Nacional de Medicina Genómica. Virtual presentation: "Epigenetic Mechanisms and Nutrition, Concepts Related to Human Nutrition-Related Diseases."
- 2024. Invited speaker: PATH (Providing Advanced Training in Health) Internship Program. USDA-sponsored program. Career path and mentorship. Virtual presentation. University of Houston, Fall 2024 and Spring 2025.
- 2024 Murkergee, U., Sumkin, D., Seshadri, S., Willemsen-Dunlap, A., Mendenhall, R., Teran-Garcia, M. Presented at: Supply Chain Management Conference; University of Illinois Urbana-Champaign; February 23, 2024. Gies College of Business, Urbana-Champaign.
- 2024. Willemsen-Dunlap, A., Murkergee, U., Sumkin, D., Seshadri, S., Mendenhall, R., Teran-Garcia, M. Planning for the Allocation of Rural Health Kiosks. Presented at: Innovation Academic Innovator Symposium; April 4, 2024. Jump Simulation Center, Peoria, Illinois.
- 2024. Willemsen-Dunlap, A., Murkergee, U., Sumkin, D., Seshadri, S., Mendenhall, R., Teran-Garcia, M. Bringing Health Home in Rural Illinois. Presented at: ImpactX! Event; September 13, 2024. Jump Simulation Center, Peoria, IL.
- 2024. Willemsen-Dunlap, A., Murkergee, U., Sumkin, D., Teran-Garcia, M., Seshadri, S., Mendenhall, R., Rural Health Kiosk Initiative for Enhanced Healthcare Accessibility. Presented at: Health Care Engineering Systems Symposium. October 30, 2024. Jump Simulation Center, Peoria, IL.
- 2025. Invited speaker: I-MMÁS-DINEPAMI INNSZ Exchange presented on the SPICE project and VEGGIEMETER/ Impact of beta-carotenes in health and metabolic disease. October 17, 2025. Auditorium for Professional Researchers, Mexico City, Mexico.

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 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.
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’anjol’al and Quechi (Lessons of Nutrition Education and Family Wellness). Voice over PowerPoint presentations
10. Materials for Nutrition Education. Handouts: How to read nutrition labels, fruits and vegetables to buy on the 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 sleep 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. Workshop: **“How to manage stress under difficult situations”** used in community engagements. A brochure to help parents identify stress signs at different stages of childhood development. Immigrant populations, Spanish and English.
14. Pop-up book with Overview of Abriendo Caminos Program
15. Monthly Newsletters for the Abriendo Caminos Program. To date, 26 newsletters.
16. Development of Loteria/Bingo with bilingual information on fruits and vegetables.
17. Recipe book with traditional meals and healthy adaptations. **MEXIMEDI diet. Booklet and videos.**
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, and charitable organizations.
20. Presentation of discussion and resources for Families in the community related to bullying and parenting. “How to deal with bullying”. December 2019
21. **Virtual** Presentation and discussion with Families for community stakeholders. Health Equality and Food Insecurity, Champaign Public Health District. September 2020
22. **Virtual** Presentation for Families in the community related to “Eat well and be active”. Unit 8. December 2020
23. **Virtual** Presentation and discussion for Families in the community ELPAC meeting (English Learners Parent Action Committee) related to healthy eating “Comida, Cultura y Cuidado: por tu salud.” (Food, culture, and your health), 2021
24. **Virtual** Presentation and discussion for NAWC Community Navigators Meeting on June 3rd, 2021. “Why Have Some People Chosen Not to Get Vaccinated?”
25. **Virtual. Community Medical School: COVID-19 and Vaccines: News You Can Use. Invited panelist.** Event co-hosted by the Carle Illinois College of Medicine and the University of Illinois College of Medicine at Urbana-Champaign. A panel of experts, including Physicians, Medical Students, and CUPHD representatives, discussed the status of COVID-19 across various populations, why the pandemic’s repercussions affect certain populations more than others, and possible ways to address disparities in healthcare, variant information, and vaccination updates. December 9th, 2022.
26. **Virtual workshop: “Cultural Humility training” HEALER training (Humility, Empathy, Awareness, Leverage, Empowerment, and Reflection).** Avicenna Community Clinic volunteer health-related professionals. Teaching several workshops and adaptations to different environments. March 27, 2022, ongoing.
27. **Virtual workshop:** Learning how to handle your stress. March 30th, 2022. Spanish.
28. **Community Responders/Neighborhood Navigators,** Trauma & Resilience Initiative, Inc. “Spread love, not COVID” Candid Conversations about COVID. April 14th, 2022.
29. **Virtual workshop,** Cervical Cancer, HPV Prevention. February 1st, 2022. Spanish
30. **Virtual workshop,** Vitamins and Minerals, supplements. March 23^r, 2022, Spanish.
31. **Workshop, Diabetes Burden: Can we uplift the load?** “Por Tu Salud” Gamma Phi Omega International Sorority, Inc. for Latino College-Age Students. Nov.30th, 2023.

32. **Virtual and In-person workshops. Cultural Humility Training HEALER program.** The HEALER© training (Humility, Empathy, Awareness, Leverage, Empower, Reflect) was developed in 2021. Since then, I have provided at least three training sessions per year. Beneficiaries included Volunteers at the Avicenna Community Clinic and Extension staff: Unit 19 (Jessie McClusky) and Unit 1 (Margaret Larson). 2023-2024 Evaluation conducted and presented at the Undergraduate Research Symposia, 2025.
33. **Nurturing Foundations.** Development of a webinar series under the 1000 Days goals. Collaboration with CI MED and Extension Specialists. Direct training with a subset of 4 medical students to optimize four seminars for delivery to new audiences (parents and medical providers). Engagement Unit Grant 2022- 2024.
34. **“Abriendo Caminos”** Virtual training for University of Nebraska Extension Team and Hospital General de Mexico (pediatric group).
35. **“PATH: Promotion and Advocacy for Transformational Health”.** Training materials for adaptation of “Abriendo Caminos” workshops to Mandarin-speaking/Chinese American families (PATH MCA) and Black/African American families (PATH BAA). “Train-the-Trainer” sessions for faculty volunteers and medical students, total time 16 hours. 2024
36. **Workshop: Dietary Hispanic Healthy Habits: Myths and Realities.** (Introduction to the MEXIMEDI Culturally Tailored Nutrition Intervention). Bloomington, IL 2024.
37. **“PATH: Promotion and Advocacy for Transformational Health”. 2025.** Training materials for adaptation of “Abriendo Caminos” workshops to Black/African American families (PATH BAA). “Train-the-Trainer” sessions for new HEROES/Community Health Workers to support program sustainability, as volunteers, along with medical students; Total number of sessions: 4, each of 3 to 4 hours (Total contact time: 16 hours). The initial number of participants was 12; of them, 10 completed the training. However, only 8 were able to participate in and implement the programmatic activities related to delivering the family-based program due to work-related scheduling conflicts. Still, they are willing to participate in new cycles of PATH, which is now re-branded as **PATH-SOUL (Support-Outcomes, Uplift Lifestyles)**.
38. **PATH for Black Americans, PATH-SOUL.** A new subset of slides was adapted and developed for all lessons in the AC program, based on feedback from focus groups and training with CHWs and volunteers. Included new handouts reflecting the DGA's recommendations. **A new scrapbook was designed** to complement family-related activities.
39. **PATH for Chinese Families, KANG-KANG,** a new subset of slides was translated and developed for all lessons, following the same procedure, and using key informants.

OTHER MEDIA DISSEMINATION WORK

- CNN radio Argentina interview in Spanish, Federico Seeber, March 23rd, 2023 **“Self-harm and youth support for parents and families.”**
- CNN radio Argentina interview in Spanish, Federico Seeber, June 12th, 2023 **“The Crystal and Cotton Generation.”** Talk about resiliency and coping mechanisms.

- Illinois Public Media The 21st show, June 20th, 2023. **Maternal Health.** <https://will.illinois.edu/21stshow/story/best-of-illinois-organization-seeks-to-expand-maternal-health-resources-for-women-of-color>
- American Heart Association interview for healthy eating during the holidays, bilingual: <https://www.heart.org/en/news/2023/12/13/keeping-cultural-traditions-heart-healthy-can-make-all-spirits-bright-this-holiday-season>
- The News Gazette 2026. Feature pictures of the PATH-KANG-KANG team and volunteers distributing materials about healthy eating and demonstrating the veggie meter during the Chinese lunar year celebration.

IV. TEACHING

A. COURSES TAUGHT

Carle Illinois College of Medicine (CIMED). A public/private partnership focused on training physician-innovators by integrating engineering and entrepreneurship approaches into medical training.

Course Director. Nutrition and Metabolism. Medical students. CIMED. Inaugural class. This is a new course developed since the inception of CIMED and is an integral initiative of the first engineer-based medical school. I contributed to developing and implementing all new materials created for this unique education model.

Curriculum Café. Faculty- and staff-centered workshops were developed to facilitate discussions on how the “Social and Structural Determinants of Health” (SSDOH) can be effectively integrated into the Carle Illinois Curriculum. By the end of this workshop, participants 1) Recognized and reflected on the main social and structural determinants of health. 2) Evaluated social and structural determinants of health in a clinical case presentation. 3) Developed skills to enable the safe sharing of experience within the curriculum. 4) Developed a plan to empower medical students to address social and structural determinants of health, aiming to improve outcomes and promote health equity, including a summary of key factors and effective interventions.

BSE 702 - Medical Spanish Level 1 and CLE 698 - Advanced Clinical Med Spanish. Course Director. Medical Spanish. Medical students. CIMED. Inaugural class. New courses developed for the Carle Illinois College of Medicine. Developed to be delivered online. The course aims to increase medical students' comfort levels with Spanish-language interviews, examinations, and patient education. It provides ample experience in live and simulated Spanish-language patient interviews, supervision of interview styles and Spanish-language skills, discussion of common diagnoses, procedural consent, treatment plans, and patient education in Spanish to empower medical students to practice medicine with the growing national monolingual Spanish-speaking patient population. Enables discussion on the impact of social and structural determinants of health (SSDOH) in diverse populations and their associated health outcomes.

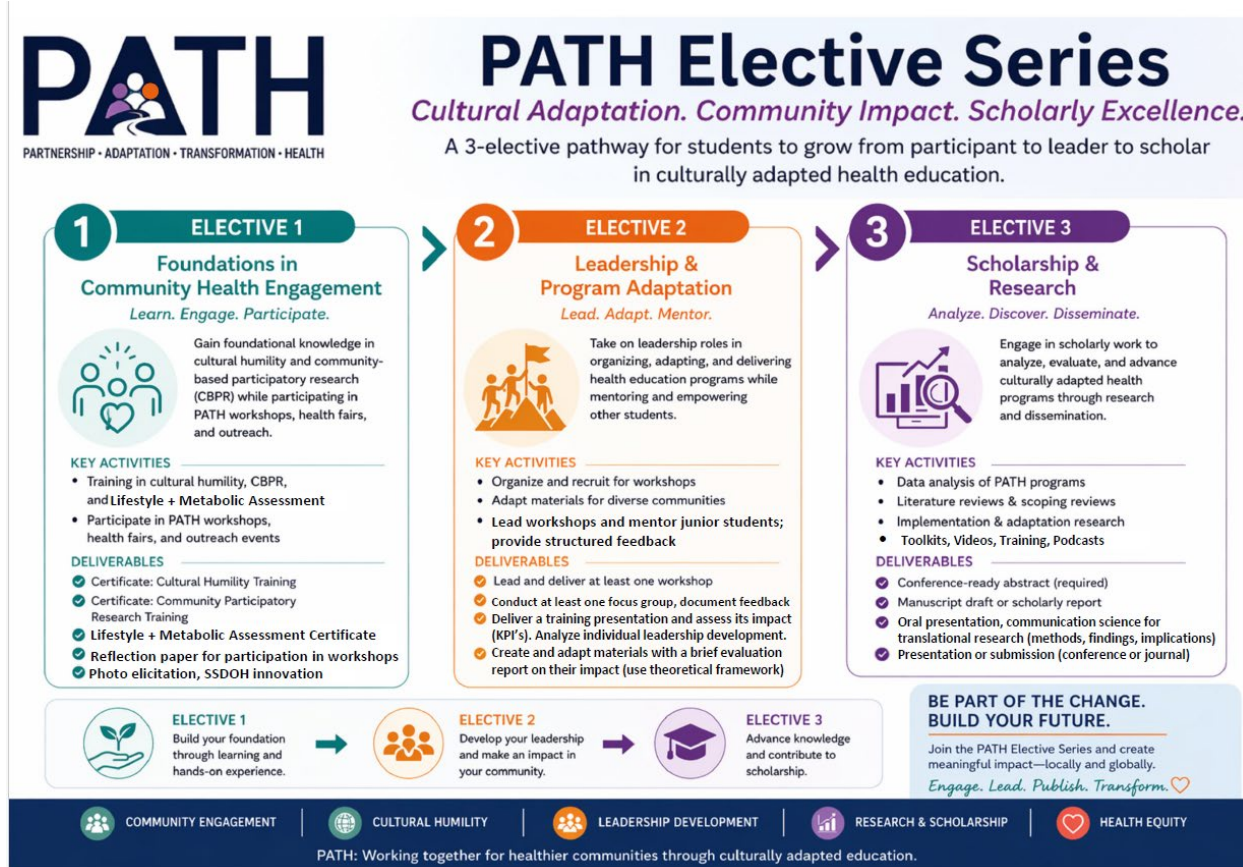
Electives for Medical Students:

1) Current Concepts in Obesity, 2) Health Systems, and 3) Community Health, CIMED

Each course pre-emptively addresses communicative skills, teamwork, and professional identity formation, and observes competency development through experiential learning opportunities. All courses are designed with integrated asynchronous activities that focus on small groups at coordinated clinical placement sites, allowing for the investigation of aspects of the community being served. This approach aligns learning objectives with course and thread objectives and facilitates the development of grading rubrics. I contribute to the development, integration, and assessment of curricular materials, both independently and in collaboration with other faculty members. I utilize diverse pedagogies for applied translational education with the community and serve the Illinois Extension Integrated Health Disparities mission.

Overall, I have cultivated relationships with faculty to recruit volunteer community-based primary care physicians, thereby meeting the teaching needs of medical student programs and strengthening communication and connections among faculty, administration, and affiliated institutions.

Recently approved elective for medical students, in collaboration with the faculty at CIMED and ACES. It also includes Experiential learning opportunities for undergraduates in Applied Health Professions:



Older courses:

Hispanic Health Promotion 499/HDFS494. *This course was developed to train students in the research and professional skills necessary to implement a community health promotion program for Hispanic children and their families, "Abriendo Caminos."* The program includes implementing culturally appropriate nutrition education modules. Students participate directly in research, program adaptation, and material development, as well as in classroom learning. 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, Fall 2019, Spring 2020.

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 the prevention, management, and treatment of disease.* Taught from 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 experiences allow for clinical case studies and the 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 the medical orientation required to participate 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.

Molecular and Cellular Biology MCB 436 (Global Biosecurity). Provides students with broad coverage of the scientific, legal, social, ethical, and political aspects of biosecurity, emphasizing current issues and research in biodefense, emerging infectious diseases, synthetic biology, and related areas. Invited lecturer for: "**Global Biosecurity and Social Determinants of Health and Health Equity.**"

Contributions to multidisciplinary and transdisciplinary teaching:

My contributions to these areas are reflected in the development of graduate-level courses related to my main area 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, and funded many Research assistants working on the STRONG Kids project for Master's or Ph.D. degrees. I served 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. As an I-TOPP faculty fellow, my contributions are diverse and span undergraduate and graduate mentoring, class delivery, and outreach. Our team is gathering essential lessons on the educational experiences offered to the next generation of leaders in transdisciplinary research. I currently mentor a doctoral student funded with an NIH grant for the Strong Kids 2 research project on genetics and epigenetics of obesity.

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 the risk of obesity in preschool-age children from the 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: Dietary associations that may reduce metabolic syndrome risk in Mexican young adults

Current position: Ph.D. awarded University of Hawaii, Manoa. (Michelle Papali'i)

<https://hdl.handle.net/2142/34536>

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

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.

<https://hdl.handle.net/2142/89170>

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

Research topic: Healthy eating behaviors following a culturally sensitive nutrition education intervention for Hispanic families.

Current position: Senior Nutrition Scientist, Glanbia Performance Nutrition, Chicago, IL.

<https://hdl.handle.net/2142/97767>

Viridiana Luna, B.Sc., (Fall 2016 - 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.

Thesis title: Exploring Hispanic mothers' perceptions of child weight in a family-based obesity prevention program

Current position: Research Program Coordinator. University of Chicago, Medicine. Chicago, Illinois. Research Associate, Illinois Action for Children, Chicago, IL

<https://hdl.handle.net/2142/105259>

Luis Gutierrez, B.S., RN, MS. (Fall 2022 – Spring 2024) Co-Advised with Dr. Donovan
Division of Nutritional Sciences (DNS), University of Illinois.

Research topic: Cultural factors on Dietary Adherence.

Non-thesis

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 college students.

<http://hdl.handle.net/2142/50342>

Immediate position after Ph.D.: Postdoctoral fellow at the Department of Nutrition and UNC Nutrition Research Institute, University of North Carolina at Chapel Hill. Postdoctoral Research Scientist. Richardson Centre for Functional Food and Nutraceuticals. Winnipeg, Canada.

Current position: Nutrition Research Scientist at Cercacor Laboratories, Inc. Vancouver, British Columbia, Canada

*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: Pediatric Resident Fellow House staff Resident. Graduate Medical Education. Instructor/Fellow- GME, Pediatrics-Nutrition. Children's Hospital Colorado Anschutz Medical Campus, Aurora, CO.

*Bridget Hannon, RD, Ph. D., (Fall 2017- Spring 2020). **Bridget Hannon Esteves***

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

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

Current position: Senior Nutrition Scientist Glanbia Performance Nutrition, Chicago, IL.

<https://hdl.handle.net/2142/108113>

Oluwatosin Akingbule, B.S. M.S., Ph.D. (Fall 2018 – Summer 2023) Co-Advised with Dr. Alston. Department of Kinesiology and Community Health. Research topic:

Reducing cardiometabolic risk among African immigrants: Implementation and evaluation of a culturally tailored nutrition education and physical activity intervention

<https://hdl.handle.net/2142/121242>

Maribel Barragan, B.S., RD, Ph.D (Fall 2018 – Fall 2023) Co-Advised, Dr. Donovan

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

Research topic: A cultural adaptation to improve metabolic health outcomes in Mexican adults (MEXIMEDI diet): a randomized controlled pilot study

<https://hdl.handle.net/2142/122256>

Current Position: Postdoctoral fellow at the Department of Nutrition Baylor College of Medicine, Houston TX.

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

Katie Robinson (Paige), B. Sc. MPH, RD (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.

Thesis: Fetuin-A: a novel marker for obesity and associated comorbidities

Immediate post-Ph. D. position: NIH T32-funded postdoctoral position in the Diabetes Research Training Program at the University of Iowa. Current position: Medical Science Liaison at Abbott Nutrition

<https://hdl.handle.net/2142/97616>

Service on Graduate Student Thesis Committees

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

Fatma Zehra Kadayifci

Title Genome and epigenome-wide association analysis identify new risk loci and reveal the role of ion channels in the development of childhood obesity, SK 2 cohort.

Director of Research (if dissertation) or Advisor (if thesis) Pan, Yuan-Xiang
 Doctoral Committee Chair(s) Teran-Garcia, Margarita
 Committee Member(s) Donovan, Sharon M, Rodriquez Zas , Sandra L
 Department of Study Food Science & Human Nutrition
 Discipline Food Science & Human Nutrition
 Degree Granting Institution University of Illinois at Urbana-Champaign
Degree Name Ph.D. Issue Date 2023-05-26
 Degree Level Dissertation Graduation Semester 2023-08
 Handle URL <https://hdl.handle.net/2142/121193>

Liliana Aguayo

Title Influences of maternal acculturation on early childhood obesity risk: From countries to chromosomes

Director of Research (if dissertation) or Advisor (if thesis) Schwingel, Andiara
 Doctoral Committee Chair(s) Schwingel, Andiara
 Committee Member(s) Andrade, Flavia, Khan, Naiman, Teran-Garcia, Margarita, Wiley, Angela
 Department of Study Kinesiology & Community Health
 Discipline Community Health
 Degree Granting Institution University of Illinois at Urbana-Champaign
Degree Name Ph.D. Issue Date 2018-07-09
 Degree Level Dissertation Graduation Semester 2018-08
 Handle URL <http://hdl.handle.net/2142/101784>

Natasha Cole

Title Nature and nurture on picky eating behavior in early childhood
 Director of Research (if dissertation) or Advisor (if thesis) Donovan, Sharon M.
 Doctoral Committee Chair(s) Fiese, Barbara H.
 Committee Member(s) Lee, Soo-Yeun, Teran-Garcia, Margarita, Bost, Kelly K.
 Department of Study Nutritional Sciences Discipline Nutritional Sciences
 Degree Granting Institution University of Illinois at Urbana-Champaign
Degree Name Ph.D. Issue Date 2018-03-26
 Degree Level Dissertation Graduation Semester 2018-05
 Handle URL <http://hdl.handle.net/2142/101267>

b) Department of Human Development and Family Studies Ph.D.:

Elizabeth Villegas

Title: Exploring the association between Hispanic mothers' acculturation and children's health outcomes in the United States and Mexico: Considering family mealtime routines.

Director of Research (if dissertation) or Advisor (if thesis) Fiese, Barbara H.
 Doctoral Committee Chair(s) Fiese, Barbara H.
 Committee Member(s) Wiley, Angela, Ferguson, Gail, Teran-Garcia, Margarita
 Department of Study Human Development & Family Studies
 Discipline Human Development & Family Studies
 Degree Granting Institution University of Illinois at Urbana-Champaign

Degree Name Ph.D. **Issue Date 2019-04-17**
Graduation Semester 2019-05
Handle URL <http://hdl.handle.net/2142/105207>

c) Service on Graduate Doctoral program final exam/thesis Committees:

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.
CEO and Co-founder Broadstreet + Covid-19 data project

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: Pediatrics. University of Michigan Briarwood Center for Women,
Children and Young Adults, Ann Arbor, MI

Vanessa Peters, 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: MD (2021) Residency, Psychiatry, 2021 - 2025

Miriam Aguilar Lopez, R.D., Ph.D. (2017-2021)

Division of Nutritional Sciences, University of Illinois.

Dissertation title: “Dietary Factors and Early Life Development of the Gut Microbiota of
Preterm Infants During Hospitalization in the Neonatal Intensive Care Unit”

Current position: Postdoctoral Associate - Texas Children’s Microbiome Center en
Baylor College of Medicine

Ruyu Liu, R.D., M.S. (2016 - 2020)

Division of Nutritional Sciences, University of Illinois.

Dissertation title: Early Life Nutrition and Genetic Contributors to Carotenoid Status in
Children

Current position: PhD Center for Cognitive and Brain Health. Northeastern University

Clara Salame, R.D., Ph. D. (2016 - 2023)

Division of Nutritional Sciences, University of Illinois.

Dissertation title: The Sweet Taste Study. Physiological Rate of Sweet Taste in Glucose
Metabolism

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, 2023. In total, more than 200 students registered for the 2-semester series or experiential learning opportunities. Participating students include ~85% of Hispanics/Latinos or URM.
- Training of Undergraduate students participating in the STRONG KIDS (Synergistic Theory and Research on Obesity and Nutrition Group) program's 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, Guadalupe Herrera
- Mentor, James Scholar program. (2018). Students: Mira Patel

iii. Visiting Students Mentored

- Fall 2022. University of Illinois I-MMAS program. Instituto Tecnológico de Monterrey, México. Mentorship: Paulina Knoell Garcia, Paloma Treviño
- Fall 2022, CONACYT Exchange Program, as part of the pre-doctoral studies program at UNAM, Mentorship: Rachel Escalante
- Summer 2019. University of Illinois Summer Research Opportunities Program (SROP) Mentorship: Brenda Munguia, Guadalupe Herrera
- 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 Zuñiga, 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. An exchange undergraduate program from Honduras. Mentorship: Johana Coronel. The research project conducted during her visit contributed to the development of an independent undergraduate research thesis, which will be published (“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.
- 2013 – summer, RAP II. Advisees: R. Neelson, V. Wallace, A. Wadia
- 2012 – summer, RAP II. Advisees: J. Young
- 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 Latino students' recruitment and retention, academic research experience, leadership, and scientific preparation.
- 2011-summer, RAP II. Advisees: B. Cottrell and N. Tarleton (undergraduate at CME, minor in FS). Co-Advisees: S. Reyna, M. Martinez, L. Mwale-Anderson
- 2010-summer, RAP II. Advisees: O. Weathers (currently undergraduate at HDFS) and K. Perez.
- 2010 – 2011, summer, McNair program. Mentee: M. Morales-Perez
- 2009-2016, Faculty Sponsor for 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 the Research Apprentice Program (RAP I and II), Ronald E. McNair, and Young Scholars Program.

V. COMMITTEE WORK

A. Committee work within the University of Illinois

Carle Illinois College of Medicine, Course Director

Member of the Admissions Committee 2017- 2024

Education & Leadership Graduate Program Taskforce 2024--

Member of the Admissions Committee – Diversity Task Force. 2017-2019

Member of the Social Determinants of Health– Task Force. 2023 --

Member of the Graduate Curriculum Committee. 2025 – 2028

Member of the Graduate Admissions Committee. 2025

Member of the Elective Courses Committee. 2023

Phase I Review Task Force – Simulation

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, 2019 (ex-officio)

Chair Qualifying Exam Doctoral program, 2017-2018

Executive Committee, 2018-2024

University of Illinois Extension

Inclusive Excellence Committee. AA/EEO & Inclusion Committee, member since 2018, currently known as: Diversity, Equity, Inclusion, and Accessibility (DEIA) Committee 2022, Ex officio.

International Committee, secretary (2019), member since 2018, Ex-officio.

Health Champion 2023-2024

Search Committee for:

Director of Communications, 2021

Assistant Director, Strategy, Planning, and Implementation, 2022

Translation Specialist Search Committee, 2022

Extension Specialist, 4-H Youth Development (Health and Wellness), 2022

Doris Kelly Christopher Extension Core Committee, 2022

MarComm Search Committee 2023

Illinois Science Policy Scholar Search Committee 2024

La Casa Cultural Latina, Director search, 2025

College of ACES:

Advancement, Development, and Alumni Relations Policy Committee (*ex officio*)

Education Policy Committee member, 2009-2010

Advancement Policy Committee, member, 2010-2011, chair 2011-2012
Search Committee for Director of Education Abroad Programs, 2011
Salary and Budget Subcommittee, 2013-2014

University of Illinois:

Elected Senate member 2008-2010

Participated in the 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 and CLACS 2018-19 Faculty Reviewer
- Conduct workshops to train our USDA partners in Puerto Rico and Texas. Workshops covered several topics related to working with Latino families.
- Language Access Plan Team member (Extension Taskforce for Limited English Proficiency support)
- Federation of American Societies for Experimental Biology (FASEB). Diversity, Equity, Inclusion, and Accessibility Committee, 2019 – 2021.
- Liver Health Initiative
- Multicultural Community Center
- NORC Initiative to Promote Diversity and Inclusion of Scientists from Underrepresented Groups in Academia (URiA), ASN representative 2022-2023
- YMCA- Communities of Practice Director Search, Champaign 2023
- YMCA Communities of Practice Health Group Initiative 2023-2024
- I-MMAS University of Illinois System Initiative. Liaison visits to Guadalajara and Mexico City. Collaborations with UNAM and UASLP support the initiative’s goals.
- Member of the Steering Committee at the USDA Nutrition Hub for Healthy Living at The Texas A&M Institute for Advancing Health.