**Jaimie N. Davis – Curriculum Vitae**

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| **EDUCATION:** | | |
| 05/2004 | PhD | The University of Texas at Austin – Department of Nutritional Sciences; Austin, TX |
| 05/2001 | BA | The University of Texas at Austin – Department of Nutritional Sciences; Austin, TX |
| **PROFESSIONAL EXPERIENCE** | | |
| 09/2016-present  01/2012 – 08/2016 | Associate Professor,  tenured  Assistant Professor,  tenure-track | The University of Texas at Austin – Department of Nutritional Sciences; Austin, TX  The University of Texas at Austin – Department of Nutritional Sciences; Austin, TX |
| 08/2010-  12/2012 | Assistant Professor,  tenure-track | The University of Southern California; Keck School of Medicine, Department of Preventive Medicine, Los Angeles, CA |
| 09/2008-  07/2010 | Assistant Professor, research track | The University of Southern California; Keck School of Medicine, Department of Preventive Medicine; Los Angeles, CA |
| 06/2004-  08/2008 | Postdoctoral Fellow | The University of Southern California; Keck School of Medicine, Department of Preventive Medicine; Los Angeles, CA |
| 09/2002-  05/2004 | Teaching Assistant/Clinical Coordinator | Dietetics Program – The University of Texas at Austin, Austin, TX |
| 09/2001  05/2002 | Teaching Assistant | UT-Austin, Department of Nutritional Sciences, Nutrition laboratory, Austin, TX |
| 09/2000  05/2001 | Teaching Assistant | UT-Austin, Chemistry lab, Austin, TX |

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| **MEMBERSHIPS/CERTIFICATIONS:** | |
| 2000-Present | Registered Dietitian – Commission of Dietetics | |
| 2008-Present | Motivational Interviewing Training for New Trainers (TNT) | |
| 2000-2008 | Licensed Dietitian – Texas Department of Health | |
| 2000-2004 | American Council of Exercise – Personal Trainer | |
| 2000-2004 | Aerobics and Fitness Association of America – Aerobics Instructor | |

**Title of Dissertation**: Comparisons of Physical Activity and Dietary Components in an Overweight/Obese Population and their Normal Weight Controls Matched for Gender, Age, and Height

**Dissertation Advisor:**  M. Beth Gillham, PhD, RD

University of Texas at Austin

School of Human Ecology; Department of Nutritional Sciences

**Postdoctoral Research Topic:** Designing and evaluating a home-based nutrition intervention, focused on carbohydrate modification, for low-income Hispanic adolescents and their families.

**Postdoctoral Advisor:** Michael I. Goran, PhD

University of Southern California

Keck School of Medicine

**CURRENT RESEARCH INTERESTS:**

Major areas of research interest are 1) examining the influence of nutrition and physical activity behaviors on the development of obesity, type 2 diabetes, fatty liver disease and metabolic syndrome; 2) exploring the influence of body fat, circulating hormones, maturation and cultural related factors on obesity, type 2 diabetes, and other metabolic disorders; 3) examining early life nutritional factors on subsequent pediatric adiposity and metabolic disease risks; 4) developing and evaluating culturally appropriate nutrition and/or physical activity intervention to prevent obesity and obesity-related diseases; and 5) implementation and disseminating of community and school-based nutrition interventions to improve diet, reduce food insecurity, and reduce disease risk in high risk children and their families.

**PROFESSIONAL SOCIETIES:**

American Society of Nutrition

American Dietetic Association

The Obesity Society

International Society of Behavioral Nutrition and Physical Activity

**RESEARCH FUNDING:**

**Previous Funding:**

**Sponsor**: National Cancer Institute (NCI)

**Grant Number:** U54CA116848 – Pilot Project

**Principal Investigator:** Michael Goran, University of Southern California

**My Role:** Principal Investigator on Pilot Project

**Title**: Combining Strength and Cardiovascular Exercise to Reduce Obesity and Associated Disease Risk in Overweight Latino & African American Youth

**Dates:** 01/01/06-5/31/07

**Amount:** Annual and Total Direct Costs - $35,000; Annual and Total Indirect Costs – $22,400 (total amount under my supervision)

**Sponsor**: Dr. Robert C. Atkins Foundation, Inc.

**Principal Investigator:** Jaimie Davis, University of Southern California

**Title**: Development and Testing of a 1-Year Maintenance Intervention to Reduce Obesity and Type 2 Diabetes in Latino and African American Adolescents

**Dates:**  9/1/06-12/31/10

**Amount:** Annual Direct Costs - $50,000; Annual Indirect Costs - $15,000;TotalCosts - $195,000; (total amount under my supervision)

**Sponsor**: California Breast Cancer Research Program (CBCRP) Innovative, Developmental and Exploratory grant (IDEA)

**Principal Investigator:** Jaimie Davis, University of Southern California

**Title**: Circuit Training and Breast Cancer Biomarkers in Adolescents

**Dates:**  9/1/07-8/30/09

**Amount:** Annual and Total Direct Costs – $130,000; Annual and Total Indirect Costs - $83,200 (total amount under my supervision)

**Sponsor**: National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

**Grant Number:** 1K01DK078858

**Principal Investigator:** Jaimie Davis, University of Southern California

**Title**: Circuit Training and Motivational Interviewing to Prevent Type 2 Diabetes in Youth

**Dates:** 08/01/2007 – 7/30/2011

**Amount:** Annual Direct Costs - $108,595; Annual Indirect Costs. - $34,750; Total Costs - $434,376; (total amount under my supervision)

**Sponsor:** University of Southern California Neighborhood Outreach

**Principal Investigator:** Jaimie Davis, University of Southern California

**Title:** From the Ground Up

**Dates:** 08/01/2010 - 7/31/2011

**Amount** Annual andTotal Direct Costs - $12,000; No Indirect Costs (total amount under my supervision)

**Sponsor:** National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

**Grant Number:** R21 NIDDK – 5R1DK094066

**Principal Investigator:** Jaimie Davis, UT-Austin

**Co-PI** Donna Spruijt-Metz, University of Southern California

**Title:** LA Sprouts: A garden/nutrition intervention to improve health for high-risk youth

**Dates:**  05/01/2012-04/31/2015

**Amount:** Annual Direct Costs - $150,000; Annual Indirect Costs - $75,000; Total Costs - $412,500 (total amount under my supervision)

**Sponsor:** UT-Austin – Vice President of Research Grant

**Principal Investigator:** Jaimie Davis, UT-Austin

**Dates:** 10/1/14-09/30/15

**Title:** Type 1 Diabetes: Pilot study

**Amount:** Annual and Total Direct Costs - $6,000; No Indirect Costs (total amount under my supervision)

**Sponsor**: National Center for Research Resources

**Grant Number** 1R25RR032159-01

**Multiple PIs:** Donna Spruijt-Metz, University of Southern California, Preventive Medicine; Gisele Ragusa, University of Southern California, School of Engineering

**My Role:** Co-Investigator

**Dates:**  02/01/2011-01/31/2016

**Title**: Virtual Sprouts: Web-Based Gardening Games to Teach Nutrition and Combat Obesity

**Amount:** Annual Direct Costs - $206,893; Annual Indirect Costs - $124,137

Total Costs - $1,655,144 ($52,420 under my supervision)

**Sponsor:** NIDDK

**Grant Number:**  R21 NIDDK – 5R21DK098719

**Principal Investigator:** Jaimie Davis, UT-Austin

**Title:** Sugar sweetened beverages: Impact on reward, satiety, and metabolism in children

**Dates:** 04/01/2014 – 3/31/2017

**Amount:** Annual Direct Costs - $149,900; Annual Indirect Costs - $76,449;

Total costs - $290,099 (total amount under my supervision)

**Sponsor:** National Heart Lung and Blood Institute (NHLBI)

**Grant Number:** 1R01HL123865-01A1

**Principal Investigator:** Jaimie Davis, UT-Austin

**Title:** A school-based gardening obesity intervention for low-income minority children

**Dates:** 4/1/15-3/31/20

**Amount:** Annual Direct Costs - $539,552; Annual Indirect Costs - $229,561; Total Costs - $3,845,566 (total amount under my supervision)

**Sponsor:** NHLBI

**Grant Number:** 1R01HL123865 - supplement

**Principal Investigator:** Jaimie Davis, UT-Austin

**Dates:** 4/1/17-3/31/20

**Title:** Diversity Supplement - A school-based gardening obesity intervention for low-income minority children

**Amount:** Annual Direct costs - $186,667; Annual Indirect Costs - $103,547

Total Costs - $870,640 (total amount under my supervision – supported postdoctoral fellow – Fiona Asigbee)

**Sponsor:** Blue Cross Blue Shield

**Principal Investigator:** Jaimie Davis, UT-Austin

**Dates:** 4/01/2021-03/01/2022

**Title:** Sprouting Schools: A digital platform to support teachers delivering garden-based curricula

**Amount:** Annual and Total Direct costs – $37,364; Indirect Costs $5,604 (total amount under my supervision)

**Current Funding:**

**Sponsor Name:** NIDDK

**Account number:** 1 R01 DK123146-01

**Principal Investigator:** Mary Steinhardt, UT-Austin, Kinesiology and Health Education

**My Role:** Co-Investigator

**Dates:** 9/16/2019 - 8/31/24

**Title:** Improving Health Outcomes in African Americans with Type 2 Diabetes: A Culturally-Tailored, Resilience-Based Diabetes Self-Management

**Amount:** Annual Direct Costs - $439,903; Annual Indirect Costs - $222,989; Total Costs – $3,254,098; indirect costs - $1,114,945 ($150,000 under my supervision)

**Sponsor:** NIDDK

**Account number:** 1 R01 DK122700-0A1

**Principal Investigator:** Erica Gunderson,Division of Research, Kaiser Permanente Northern California

**My Role:** Co-Investigator

**Title:** Fetal and Early Postnatal Life Influences on Child Metabolic Health After Gestational Diabetes

**Dates:** 7/01/19**-**6/30/22

**Amount:** Annual Direct Costs - $469,896; Annual Indirect Costs: $264,612; Total Costs - $3,668,909 ($90,000 under my supervision)

**Sponsor:** UT Austin / MD Anderson Cancer Center – Collaborative Pilot Project grants

**Principal Investigator:** Jaimie Davis, UT-Austin

**Dates:** 01/01/23-12/31/23

**Title:** Cook-Grow! A 16-week home cooking and gardening intervention for Cancer Survivors and their Families

**Amount:** Total and Annual Direct Costs: $50,000; No indirect costs (total amount under my supervision)

**Pending Funding:**

**Sponsor:** NIDDK

**Account Number:** 1R01KD134369-01A1

**Principal Investigator:** Jaimie Davis, UT-Austin

**Co-PI:** Shreela Sharma, UT School of Public Health

**Dates:** 9/01/2023-08/31/2028

**Title:** Brighter Bites: Evaluation of a school food coop on obesity and metabolic parameters in primarily Hispanic food insecure families

**Amount:** Annual Direct Costs - $499,500; Annual Indirect Costs - $257,243; Total Costs – $3,951,070 (total amount under my supervision)

**Status:** 1st submission scored 45, 39th percentile, resubmitting to NIDDK November 2022

**Sponsor:** NHLBI

**Account Number:** 1 R34 HL165010-01

**Principal Investigator:** Jaimie Davis, UT-Austin

**Co-PI:** Joya Chandra, MD Anderson

**Dates:** 9/01/2022-12/31/2027

**Title:** CHANGE – Cooking, Health, Activity, Nutrition, and Gardening Education for Childhood Cancer Survivors and their Families

**Amount:** Annual Direct Costs – $181,356; Annual Indirect Costs - $84,727; Total Costs: $744,777 (total amount under my supervision)

**Status:** First submission – October 2021, it was Not Discussed, but resubmitted to NHLBI July 2022

**Sponsor:** NIDDK

**Account Number:** R01 DK133524

**Principal Investigator:** ElizabethWiden, UT-Austin

**My Role:** Co-Investigator

**Dates:** 7/01/2022-6/30/2027

**Title:** Beyond pregnancy weight gain: Modeling the combined impact of perinatal adiposity, metabolism and diet on postpartum maternal and child body composition

**Amount:** Annual Direct Costs – $499,111; Annual Indirect Costs - $291,974; Total Costs: $3,955,454 ($100,000 under my supervision)

**Status:** First submission – October 2021, Not discussed, resubmitted July 2022

**Sponsor:** NHLBI

**Account Number:** 1R01DK133505-01

**Principal Investigator:** Terry Huang, New York University – CUNY

**Co-PI:** Shreela Sharma, UT School of Public Health

**My Role:** Co-Investigator

**Dates:** 9/01/2023-12/31/2028

**Title:** Financial coaching and multipronged lifestyle intervention for weight management and diabetes prevention in parent-child dyads

**Amount:** Annual Direct Costs – $498,000; Annual Indirect Costs - $298,800 Total Costs: $3,984,000; ($99,496 under my supervision)

**Status:** First submission – October 2021, scored a 31, 22nd percentile; was resubmitted to NIDDK July 2022

**Sponsor:** NIDDK

**Account Number:** R01DK135053

**Principal Investigator:** Elizabeth Widen, UT-Austin

**Co-PI:** Jaimie Davis, UT-Austin

**Dates:** 1/01/2023-12/31/2028

**Title:** Disentangling the drivers of risk and resiliency to excess adiposity among gestational diabetes or obesity exposed children

**Amount:** Annual Direct Costs – $499,805; Annual Indirect Costs - $292,386; Total Costs: $3,960,955 (total amount under my supervision)

**Status:** First submission March 2022 to RFA, scored a 52, will resubmit as an R34 in Spring 2023

**Sponsor:** NHLBI

**Account Number:** 1 R01 HL163673-01

**Principal Investigator:** Jaimie Davis, UT-Austin

**Dates:** 1/01/2023-12/31/2028

**Title:** Digging It (D&I): Sprouting a school-led, evidence-based gardening, nutrition, and cooking program

**Amount:** Annual Direct Costs – $499,629; Annual Indirect Costs - $292,282; Total Costs $3,959,559 (total amount under my supervision)

**Status:** First submission – June 2021, scored a 30, 24th percentile,

Second submission – June 2022, scored 43, 38th percentile;

Resubmitting as a parent R01 to NHLBI October 2022

**GIFTS:**

**Previous Funding:**

**Sponsor:** Sprouts Healthy Communities Foundation

**Account number:** 3020642456 (gift account)

**Principal Investigator:** Jaimie Davis, UT-Austin

**Title:** Impact Grant Partnership Opportunity: SproUTing Teachers

**Dates:** 9/1/18-8/31/21

**Amount:** Annual Direct Costs - $100,000; Annual Indirect Costs: $11,335; Total Costs - $324,000 (total amount under my supervision)

**Current Funding:**

**Sponsor Name:** Sprouts Healthy Communities Foundation

**Account number:** 3020642456

**Principal Investigator:** Jaimie Davis, UT-Austin

**Title:** Impact Grant Partnership Opportunity: EdEN lab

**Dates:** 8/1/21-7/31/23

**Grant Amount:** Annual Direct Costs - $157,280; Annual Indirect Costs: none; Total Direct Costs - $570,440 (total amount under my supervision)

**Pending Funding:**

**Sponsor:** Robb Family

**Account:** Excellence Endowment Gift

**My Role:** Faculty Director

**Dates:** 01/01/2023-12/31/2028

**Title:** UT Teaching Garden

**Amount**: Total Costs: $1,000,000 (TBD - amount under my supervision)

**Status:** Contract pending – funding expected Fall 2022

**Sponsor:** Whole Kids Foundation

**Account:** Excellence Endowment Gift

**My Role:** Faculty Director

**Dates:** 01/01/2022

**Title:** UT Teaching Garden - Endowment

**Amount**: Total Costs: $1,000,000 (TBD - amount under my supervision)

**Status:** Contract pending – funding expected Fall 2022

**PUBLICATIONS:**

(*Of note:**PhD mentor and postdoctoral mentor are bolded and italicized below)*

**Publications while in rank of Associate Professor at The University of Texas:**

1. Vandyousefi S, Ranjit N, Jeans M, Landry MJ, Nikah K, **Davis JN**. TX Sprouts Improves gardening and nutrition knowledge, self-efficacy, and attitudes and preference for fruits and vegetables. *J Acad Nutr Diet* 2023: <https://doi.org/10.1016/j.jand.2023.03.015>
2. Hudson E, Burgermaster M, Isis S, Landry M, Jeans MJ, Vandyousefi S, Chandra J. Seguin-Folwer RA, **Davis JN**. Changes in availability of healthy food in homes of participants in TX Sprouts, a school-based gardening, nutrition, and cooking program. Frontiers in Nutrition 2023:10: <https://doi.org/10.3389/fnut.2023.1278125>
3. Uribe ALM, Demment M, Graham ML, Szeszulski J, Rethorst CD, Githinji P, Nelson ME, Strogatz D, Folta SC, Baily RL, **Davis JN**, Seugin-Fowlder SA. Strong Hearts, Healthy Communities 2.0: Effect of a community-randomized cardiovascular disease risk reduction intervention on diet-related outcomes of women in rural communities. *Am J Clin Nutr* 2023: 118(5):1055-1066. DOI: [10.1016/j.ajcnut.2023.09.003](https://doi-org.ezproxy.lib.utexas.edu/10.1016/j.ajcnut.2023.09.003)
4. Ghaddar R, Hudson EA, Jeans MJ, Vandyousefi S, Landry MJ. **Davis JN**. Ethnicity/race, parent educational attainment, and obesity associated with prediabetes in children. *Nutrition & Diabetes* 2023: 13:15. <https://doi.org/10.1038/s41387-023-00244-4>
5. Jeans MJ, Vandyousefi S, Landry MJ, Leidy HJ, Gray MJ, Bray MS, Widen EM, **Davis JN**. Effects of a school-based gardening, cooking, and nutrition cluster randomized controlled trial on unprocessed and ultra-processed food consumption. *J Nutr* 2023: <https://doi.org/10.1016/j.tjnut.2023.04.013>
6. **Davis JN**, Landry MJ, Vandyousefi S, Jeans MJ, Hudson E, Hoelscher DM, van Den Berg AE, Perez A. The effects of a school-based cluster randomized controlled nutrition, gardening, and cooking intervention on metabolic parameters in high-risk youth *JAMA Network Open*: 2023: 6 (1): e2250375. DOI: [10.1001/jamanetworkopen.2022.50375](https://doi-org.ezproxy.lib.utexas.edu/10.1001/jamanetworkopen.2022.50375)
7. **Davis, JN**, Nikah K, Landry MJ, Vandyousefi, S, Ghaddar R, Jeans MJ, Cooper MH, Martin B, Waugh L, Sharma SV, van den Berg, A. Effects of a garden, nutrition, cooking randomized controlled trial on academic performance. *J Acad Nutr Diet:* 20; DOI: [10.1016/j.jand.2022.08.125](https://doi-org.ezproxy.lib.utexas.edu/10.1016/j.jand.2022.08.125)
8. Jeans MJ, Vandyousefi S, Landry MJ, Leidy HJ, Gray MJ, Bray MS, Widen EM, **Davis JN.** Breakfast consumption may improve fasting insulin, HOMA-IR, and HbA1c levels in predominately low income Hispanic children 7-12 years of age. *Nutrients.* 2022: 14 (11); 2320.  DOI: [10.3390/nu14112320](https://doi-org.ezproxy.lib.utexas.edu/10.3390/nu14112320)
9. Jeans MJ, Ghaddar R, Vandyousefi S, Landry MJ, Gray MJ, Leidy HJ, Whittaker TA, Bray MS, **Davis JN**. Distinct racial and ethnic metabolic syndrome characteristics: A comparative assessment in low-income children 7-10 years of age. *Ped Obes*. 2022: <https://doi-org.ezproxy.lib.utexas.edu/10.1111/ijpo.12925>
10. Jeans MR, Landry MJ, Asigbee FM, Vandyousefi S, Ghaddar R, Bray MS, Leidy HJ, **Davis, JN**. Comparison of School vs home breakfast consumption on cardiometabolic and dietary parameters in predominately low-income Hispanic elementary school-aged children. *J Acad Nutr Diet.* 2022: 122 (4); 833-847. doi: 10.1016/j.jand.2021.10.014.
11. Haidar A, Spence M, Boone J, Pomeroy M, Dachman R, Markham C, **Davis JN,** Sharma SV. Innovative partnerships to address food insecurity during the COVID-19 pandemic: The Brighter Bites Produce Voucher Program. *Int J Environ Res Pub Health*. 2021: 18(7); 9175 <https://doi.org/10.3390/ijerph18179175>
12. Landry MJ, van den Berg AE, Hoelscher DM, Asigbee FM, Vandyousefi S, Ghaddar R, Jeans MJ, Waugh L, Nikah K, Sharma SV. **Davis JN**. Impact of a school-based gardening, cooking, nutrition intervention on dietary intake and quality: The TX Sprouts Randomized Controlled Trial. *Nutrients.* 2021: 13(9); 3081 <https://doi.org/10.3390/nu13093081>
13. Hoover A, Vandyousefi S, Martin B, Nikah K, Hockett Cooper M, Muller A, Marty E, Burgermaster M, Epstein M, Waugh L, Linkenhoker B. **Davis JN**. Barriers, Strategies, and Resources to Thriving School Gardens *JNEB*. 2021: doi: [10.1016/j.jneb.2021.02.011](https://doi-org.ezproxy.lib.utexas.edu/10.1016/j.jneb.2021.02.011).
14. Weigensberg, M, Avila Q, Spruijt-Metz D, **Davis JN**, Wen CK, Goodman K, Perdomo M, Wade NB, Ding L, Lane C. Imagine HEALTH: Randomized controlled trial of a guided imagery lifestyle intervention to improve obesity-related lifestyle behaviors in predominantly Latinox adolescents. *J Altern Complement Med.* 2021: 27(9); 738-749 <https://doi.org/10.1089/acm.2020.0515>.
15. Bell BM, Spruijt-Metz D, Lane CJ, Chen FK, **Davis, JN**, Weigensberg MJ. The mediating role of emotional eating in the relationship between perceived stress and dietary intake quality in Hispanic/Latino adolescents. *Eating Behaviors*. 2021: [doi.org/10.1016/j.eatbeh.2021.101537](https://doi.org/10.1016/j.eatbeh.2021.101537)
16. **Davis JN**, Perez A, Asigbee FM, Landry MJ, Vandyousefi S, Ghaddar R, Hoover A, Jeans M, Nikah K, Fischer B, Pont SJ, Richards D, Hoelscher DM, Van Den Berg AE. School-based gardening, cooking and nutrition intervention increased vegetable intake but did not reduce BMI: Texas Sprouts – a cluster randomized controlled trial. *IJSBNPA*. 2021:18:18. [doi.org/10.1186/s12966-021-01087-x](https://doi.org/10.1186/s12966-021-01087-x).
17. Vandysousefi, S, **Davis JN,** Gunderson EP. Association of infant diet with subsequent obesity at 2-5 years among children exposed to gestational diabetes: the SWIFT study.  *Diabetologia. 2021: 64; 1121-1132* [doi.org/10.1007/s00125-020-05379-y](https://doi.org/10.1007/s00125-020-05379-y)
18. J**ú**stiz A, Landry MJ, Asigbee FM, Ghaddar R, Jeans MR, **Davis JN**. Associations between child and parent knowledge of added sugar recommendations and added sugar intake in multiethnic elementary-aged children. *Curr Dev Nutr*. 2020; 4 (9) DOI: [10.1093/cdn/nzaa140](https://doi-org.ezproxy.lib.utexas.edu/10.1093/cdn/nzaa140).
19. Jeans MJ, Asigbee F, Landry MJ, Vandyousefi S, Ghaddar R, Leidy H. **Davis JN**. Breakfast consumption in low-income Hispanic elementary school-aged children: Association with anthropometric, metabolic and dietary parameters. *Nutrients*. 2020; 12(7): 2038. doi: 10.3390/nu12072038.
20. Asigbee FM, **Davis JN**, Markowitz AK, Landry MJ, Vandyousefi S, Ghaddar R, Ranjit N, Warren J, Van den Berg A. The association between child cooking involvement in food preparation and fruit and vegetable intake in a Hispanic Youth Population. *Curr Dev Nutr.* 2020: 4(4) <https://doi.org/10.1093/cdn/nzaa028>
21. Landry MJ, Burgermaster M, van den Berg AE, Asigbee FM, Vandyousefi S, Ghaddar R, Jeans MR, Yau A, **Davis JN**. Barriers to preparing and cooking vegetables is associated with decreased home availability of vegetables in low-income households.*Nutrients*. 2020; 12(6):1823 doi:10.3390/nu12061823
22. **Davis JN**, Nikah K, Asigbee FM, Landry MJ, Vandyousefi S, Ghaddar R, Hoover A, Jeans M, Pont SJ, Richards D, Hoelscher DM, Van Den Berg AE, Bluestein M, Perez A. Design and participant characteristics of TX sprouts: A school-based cluster randomized gardening, nutrition, and cooking intervention. *Cont Clin Trials*. 2019: 85; 105834. doi: 10.1016/j.cct.2019.105834.
23. Nguyen CT, Luckett DJ, Kahkoska AR, Shearrer GE, Spruijt-Metz D, **Davis JN**, Kosorok MR. Estimating individualized treatment regimens from crossover designs. *Biometrics.* 2019. <https://doi.org/10.1111/biom.13186>
24. Landry MJ, Ranjit, N, Hoelscher DM, Asigbee FM, Vandyousefi S, Ghaddar R, **Davis JN**. Validity and reliability of an expanded vegetable questionnaire among elementary school children. *Curr Dev Nutr*. 2019: 4;3(8)*.*
25. Landry MJ, van den Berg AE, Asigbee FM, Vandysoufefi S, Ghaddar R. **Davis JN**. Child compared with parent perceptions of child-level food security. *Curr Dev Nutr*. 2019: 27 (3); 10.
26. Vandyousefi S, Whaley SE, Widen EM, Asigbee FM, Landry MJ, Ghaddar R, **Davis JN**. Association of breastfeeding and early exposure to sugar-sweetened beverages with obesity prevalence in offspring born to mothers with and without gestational diabetes mellitus. *Pediatric Obesity.* 2019. <https://doi.org/10.1111/ijpo.12569>
27. Vandyousefi S, ***Goran MI***, Gunderson EP, Khazaee E, Landry MJ, Ghaddar R, Asigbee FM, **Davis, JN**. Association of breastfeeding and gestational diabetes mellitus with the prevalence of prediabetes and the metabolic syndrome in offspring of Hispanic mothers. *Pediatric Obesity* 2019: 14(7); <https://doi.org/10.1111/ijpo.12515>
28. Landry MJ, Markowitz AK, Asigbee FM, Gatto NM, Spruijt-Metz D, **Davis JN**. Cooking and gardening behaviors and improvements in dietary intake in Hispanic/Latino youth. *Child Obes.* 2019:15(4); 262-270.
29. Landry MJ, Van den Berg AE, Asigbee FM, Vandyousefi S, Ghaddar R, **Davis, JN**. Child-report of food insecurity is associated with diet quality in children. *Nutrients.* 2019: 12:11(7); doi: 10.3390/nu11071574
30. Landry MJ, Asigbee FM, Vandyousefi S, Khazaee E, Ghaddar R, Boisseau JB, House BT, **Davis JN**. Diet quality is an indicator of disease risk factors in a Hispanic college freshman population. *J Acad Nutr Diet*. 2019: 119 (5); 760-768.
31. Landry MJ, Khazaee E, Markowitz AK, Vandyousefi S, Ghaddar R, Pilles KN, Asigbee FM, Gatto N, **Davis JN**. Impact of food security on glycemic control among low-income Hispanic/Latino children in Los Angeles, California: A cross-sectional study *Journal of Hunger and Environmental Nutrition*. 2019: 14 (5): 709-724. <https://doi.org/10.1080/19320248.2018.1491367>
32. Oleson S, Eagan D, Kaur S, Hertzing WJ, Alkatan M, **Davis JN**, Tanaka H, Haley AP. Apolipoprotein E genotype moderates the association between dietary polyunsaturated fat and brain function: an exploration of cerebral glutamate and cognitive performance. *Nutr Neurosci.* 2018, 22: 1-10.
33. Weigensberg MJ, Spruijt-Metz D, Cheng FW, **Davis JN**, Avila Q, Juarez M, Brown-Wade N, Lane CJ. Protocol for the Imagine HEALTH Study: Guided imagery lifestyle intervention to improve obesity-related behaviors and salivary cortisol patterns in predominantly Latino adolescents. *Cont Clin Trials*. 2018: 72; 103-116.
34. **Davis JN**, Asigbee FM, Markowitz AK, Landry MJ, Vandyousefi S, Khazaee E, Ghaddar R, ***Goran MI***. Consumption of artificial sweetened beverages associated with adiposity and increasing HbA1c in Hispanic youth. *Clinical Obesity*. 2018: 8 (4): 236-243. doi: 10.1111/cob.12260.
35. Bell B, Martinez L, Gotsis MH, Lane C, **Davis JN**, Castillo L, Ragusa G, Spruijt-Metz D. Virtual Sprouts: A virtual gardening pilot intervention increases self-efficacy to cook and eat fruits and vegetables in minority youth. *Games Health J*. 2018:7(2):200-204.
36. House BT, Shearrer GE, Boisseau JB, Bray MS, **Davis JN**. Decreased eating frequency linked to increased visceral adipose tissue, body fat, and BMI in Hispanic college Freshmen. *BMC Nutr*. 2018: 4;10.
37. Gatto NM, Martinez LC, Spruijt-Metz D, **Davis JN.** LA Sprouts randomized controlled nutrition, cooking, and gardening program reduces obesity and metabolic risk in Hispanic/Latino youth. *Pediatric Obesity.* 2017:12; 28-37.
38. **Davis JN,** Shearrer GE, Tao W, Hurston, SR. Gunderson EP. Dietary variables associated with substantial postpartum weight retention at 1-year among women with GDM pregnancy. *BMC Obesity*. 2017: 4; 31. doi: 10.1186/s40608-017-0166-0.

**Publications while in rank of Assistant Professor at The University of Texas:**

1. Hasson RE, Hsu Ya-Wen, **Davis JN**, ***Goran MI***, Spruijt-Metz D, The influence of parental education on dietary intake in Latino Youth. *J Immigrant Minority Health*. 2017: 20; 250-254. doi 10.1007/s10903-017-0563-y
2. O’Reilly GA., Black DS, Huh J, **Davis JN**, Unger J, Spruijt-Metz D. Sugar restriction leads to increased ad libitum sugar intake by overweight adolescents in an experimental test meal setting. *J Acad Nutr Diet*. 2017:117(7); 1041-1048.
3. Cheng, FK, Hsieh S, Huh J, Martinez LC, **Davis JN**, Weigensberg MJ, Spruijt-Metz D. The role of assimilating to the US culture and the relationship between neighborhood ethnic composition and dietary intake among Hispanic Youth. *J Racial Ethnic Health*. 2016: DOI 10.1007/s40615-016-0293-1.
4. Lee SL, Shearrer GE, Koleilat M, Hernandez LM, **Davis JN**. Screen time associated to unhealthy diets in low-income children. *Journal of Food and Nutrition Research*. 2016: 4 (2); 94-99.
5. Oleson S, Gonzales MM, Tarumi T, **Davis JN,** Cassill CK, Tanaka H,Haley A. Nutrient intake and cerebral metabolism in middle-aged adults: Implications for cognitive aging *Nutritional Neuroscience*. 2017: 20(8); 489-496.
6. Shearrer GE, O’Reilly GA, Belcher B, Daniels M, ***Goran M***, Spruijt-Metz D, **Davis JN**. The impact of sugar sweetened beverage intake on hunger and satiety in minority adolescents. *Appetite.* 2016: 97;43-48.
7. **Davis JN**, Martinez LT, Spruijt-Metz D, Gatto N. LA Sprouts: A 12-week gardening, nutrition and cooking randomized control trial improves determinants of dietary intake. *JNEB.* 2016; 48 (1) doi.org/10.1016/j.jneb.2015.08.009
8. Shearrer GE, House BT, Gallas MC, Luci J, **Davis JN.** Fat Imaging via Magnetic Resonance Imaging (MRI) in young children (ages 1-4 years) without sedation. *PLoS One* 2015: 22 (11): doi:10.1371.
9. O’Reilly GA, Belcher B, **Davis JN**, Martinez LT, Huh J, Luz Antunez-Castillo, Weigensberg M, ***Goran MI***, Spruijt-Metz D. Effects of high-sugar and high-fiber meals on physical activity behaviors in Latino and African American adolescents. *Obesity.* 2015: 23 (9); 1886-94.
10. Martinez LC, Gatto NM, Spruijt-Metz D, **Davis JN**. Design and methodology of the LA Sprouts nutrition, cooking and gardening program for Latino youth: A randomized controlled intervention. *Cont Clin Trials.* 2015:42; 219-227.
11. Miller SJ, Batra AK, Shearrer GE, House BT, Cook LT, Pont SJ, ***Goran MI***, **Davis JN**. Dietary fibre linked to decreased inflammation in overweight minority youth. *Pediatric Obesity.* 2015: 11(1); 33-39.
12. Hsieh S, Klassen AC, Curriero FC, Caulfield LE, Cheskin LJ, **Davis JN,** ***Goran MI***, Weigensberg MJ, Spruijt-Metz D. Built environment associations with adiposity parameters among overweight and obese Hispanic youth. *Preventive Medicine Report*. 2015: 2; 406-412.
13. **Davis JN**, Spaniol M, Sommerset S. Sustenance and sustainability: maximizing the impact of school gardens on health outcomes. *Public Heath Nutrition.* 2015: 23; 1-10.
14. House BT, Shearrer GE, Miller SJ, Pasch KE, ***Goran MI,*** **Davis JN.** Increased eating frequency linked to decreased obesity and improved metabolic outcomes. *Int J Obesity.* 2015: 39;136-141.
15. Shearrer GE, Whaley SE, Miller SJ, House, BT, Held, T, **Davis JN**. Association of gestational diabetes and breastfeeding on obesity prevalence in predominately Hispanic low-income youth. *Pediatric Obesity.* 2014: 10(3);165-171.
16. Hsieh S, Klassen AC, Curriero F, Caulfield LE, Cheskin LJ, **Davis JN**, ***Goran MI,*** Weigensberg MD, Spruijt-Metz D. Fast food restaurants, park access and insulin resistance among Hispanic Youth. *Am J Prev Med.* 2014: 46 (4); 378-387.
17. Gyllenhammer LE, Weigensberg MJ, Spruijt-Metz D, Allayee H, ***Goran MI***, **Davis JN**. Modifying Influence of Dietary Factors in the Relationship Between Cortisol and Visceral Adipose Tissue in Minority Youth. *Obesity.* 2014: 22 (2); 474-481.
18. Cook LT, O’Reilly G, ***Goran MI,*** Weigensberg MJ, Spruijt-Metz D, **Davis JN**. Vegetable consumption is linked to decrease visceral and liver fat and improved insulin resistance in overweight Latino youth. *J Acad Nutr Diet.* 2014: 114 (11); 1776-83.
19. **Davis JN**, Koleilat M, Shearrer GE, Whaley SE. Association of infant feeding and dietary intake on obesity prevalence in low-income toddlers*. Obesity.* 2014: 22(4); 1103-11.
20. House BT, Cook LC, Gyllenhammer LE, Schraw JM, ***Goran MI***, Weigensberg MJ, **Davis JN**. Meal skipping linked to increased visceral adipose tissue and triglycerides in overweight minority youth. *Obesity.* 2013: 22(5); E77-84.
21. Hasson RE, Adam TC, **Davis JN**, Watanabe R, ***Goran MI***. Compensatory responses to insulin resistance in obese African-American and Latina girls. *Pediatric Obesity.* 2013: 8(6); e68-e73.
22. Gyllenhammer LE, Vanni AK, Meija M, Byrd-Williams C, Kalan M. Bernstein L, **Davis JN**. Objective habitual physical activity and estradiol levels in obese Latina adolescents. *J Phys Act Health.* 2013: 10 (5); 727-33.
23. Schembre, SM, Wen F, **Davis JN**, Shen E, Nguyen-Rodriguez ST, Belcher BR, Hsu YW, Weigensberg MJ, ***Goran MI***, Spruijt-Metz D. Eating breakfast more frequently is cross-sectionally associated with greater physical activity and lower levels of adiposity in overweight Latina and African American girls. *Am J Clin Nutr*. 2013: 98 (2); 275-281.
24. Hasson RE, Adam TC, Pearson J, **Davis JN**, Spruijt-Metz D, ***Goran MI.*** Sociocultural and socioeconomic influences on type 2 diabetes risk in overweight/obese African American and Latino youth. *Obesity.* 2013: https://doi.org/10.1155/2013/512914
25. **Davis JN**, Gunderson EP, Gyllenhammer LE, ***Goran MI.*** Impact of gestational diabetes mellitus on pubertal changes in adiposity and metabolic profiles in Latino offspring. *J Pediatrics.* 2013: 162(4); 741-745.
26. Alderete TL, Gyllenhammer LE, Byrd-Williams C, Spruijt-Metz D, ***Goran MI,*** **Davis JN**. Increasing physical activity decreases hepatic fat and metabolic risk factors. *J Exerc Physiol.* 2012: 15 (2); 40-54.
27. Walker RW, Le K-A, **Davis JN**, Alderete TL, Cherry R, Lebel S, ***Goran MI.*** High rates of fructose malabsorption are associated with reduced liver fat in obese African Americans. *J Am Coll Nutr.* 2012: 31:5; 369-374.
28. Gatto NM, Ventura EE, Cook LT, Gyllenhammer LE, **Davis JN**. LA Sprouts: A garden-based nutrition intervention impacts motivation and preferences for fruits and vegetables in Latino youth. *J Acad Nutr Diet.* 2012: 112 (6); 913-920.
29. Kim JS, Le KA, Mahurka S, **Davis JN**, ***Goran MI***. Influence of elevated liver fat on circulating adipocytokines and insulin resistance in obese Hispanic adolescents. *Pediatric Obesity.* 2012: 7(2); 158-164.
30. **Davis JN**, Ventura EE, Tung A, Munevar MA, Hasson, RE, Byrd-Williams C, Vanni A, Spruijt-Metz D, Weigensberg MJ, ***Goran MI.*** Effects of a maintenance intervention on obesity and metabolic disease risk in overweight minority adolescents. *Pediatric Obesity* 2012: 7; 16-27.
31. **Davis JN**, Whaley S. ***Goran MI.*** Effects of breastfeeding and low sugar-sweetened beverage intake on obesity prevalence in Hispanic toddlers. *Am J Clin Nutr.* 2012: 95 (12); 3-8.
32. Hasson RE, Adam TC, **Davis JN**, Kelly LA, Ventura EE, Byrd-Williams C, Roberts CK, Lane CJ, Azen SP, Chou CP, Spruijt-Metz D, Weigensberg MJ, Berhane K***, Goran MI.*** Randomized controlled trial to improve adiposity, inflammation, and insulin resistance in obese African American and Latino youth. *Obesity.* 2012: 20(4); 811-818.

**Publications while in rank of Assistant Professor at the University of Southern California:**

1. Adam TC, Hasson RE, Lane CJ, **Davis JN**, Weigensberg MJ, Spruijt-Metz D, ***Goran MI.*** Fasting indicators of insulin sensitivity: Effects of ethnicity and pubertal status. *Diabetes Care.* 2011: 34(4):994-9.
2. Hsu Y-H, Belcher BR, Ventura EE, Byrd-Williams C, Weigensberg MJ, **Davis JN**, McClain A, ***Goran MI,*** Spruijt-Metz D. Physical Activity, Sedentary Behavior, and the Metabolic Syndrome in Minority Youth. *MSSE.* 2011:43 (12); 2307-2313.
3. **Davis JN**, Gyllenhammer LE, Vanni AA, Meija M, Tung A, Schroeder ET, Spruijt-Metz D, ***Goran MI.*** Start-up circuit training program reduces metabolic risk in Latino adolescents. *MSSE*. 2011: 43 (11); 2195-2203.
4. **Davis JN**, Ventura EE, Cook LE, Gyllenhammer LE, Gatto NM. LA Sprouts: A Gardening and Nutrition, and Cooking Intervention for Latino Youth Improves Diet and Reduces Obesity. *J Am Diet Assoc.* 2011: 111; 1224-1230.
5. Le KA, Ventura EE, Fisher JQ, **Davis, JN**, Weigensberg MJ, Punyanitya M, Hu HH, Nayak KS, ***Goran MI.*** Ethnic differences in pancreatic fat accumulation and its relationship with other fat depots and inflammatory markers. *Diabetes Care.* 2011: 34 (2); 485-490.
6. Toledo-Corral CM, **Davis JN**, Alderete TL, Weigensberg MJ, Ayala CT, Li Y, Hodis N, ***Goran MI.*** Subclinical atherosclerosis in Latino youth: Progression of carotid intima media thickness and its relationship to cardiometabolic risk factors. *J Pediatrics.* 2011: 158 (6); 935-940.
7. Shaibi GQ, **Davis JN**, Weigensberg MJ, ***Goran MI.*** Improving insulin resistance in obese youth: Choose your measures wisely. *IJPO.* 2010: 6; No 2-2; e290-e296.
8. Ventura EE, **Davis JN**, ***Goran MI***. Sugar content of popular sweetened beverages based on objective laboratory analysis: focus on fructose content. *Obesity.* 2010: 19 (4); 868-874.
9. ***Goran MI,*** Walker R, Le KA, Mahurkar S, Vikman S, **Davis JN,** Spruijt-Metz D, Weigensberg MJ, Allayee H. Effects of PNPLA3 on liver fat and metabolic profile in Hispanic children and adolescents. *Diabetes.* 2010: 59 (12); 3127-30.
10. **Davis JN**, Le KA, Walker RW, Vikman S, Spruijt-Metz D, Weigensberg MJ, Allayee H, ***Goran MI.*** Increased hepatic fat in overweight hispanic youth influenced by interaction between genetic variation in PNPLA3 and high dietary carbohydrate and sugar consumption. *Am J Clin Nutr.* 2010: 92:1522-7.
11. **Davis JN**, Ventura EE, Shaibi GQ, Byrd-Williams CE, Alexander KE, Vanni AK, Meija MR, Lane CJ, Weigensberg MJ, Spruijt-Metz D, ***Goran MI***. Interventions for improving metabolic risk in overweight Latino youth. *IJPO.* 2010: 5; 451-455.
12. Hasson RE, Adam TC, **Davis JN**, Weigensberg MJ, Ventura EE, Lane CJ, Roberts CK, ***Goran MI.*** Ethnic differences in insulin action in obese African American and Latino adolescents. *JCEM.* 2010: 95; 4048-405.
13. Byrd-Williams CE, Belcher BR, Spruijt-Metz D, **Davis JN**, Ventura EE, Kelly LA, Berhane K, Azen S, Goran MI. Increased physical activity and reduced adiposity in overweight Latino adolescents.  *MSSE.* 2010: 42 (3); 478-484.
14. Adam TC, Toledo-Coral C, Lane CJ, Weigensberg MJ, **Davis JN**, ***Goran MI.*** Insulin sensitivity as an independent predictor of fat mass gain in Hispanic adolescents. *Diabetes Care.* 2009: 32 (11); 2114-5.
15. **Davis JN**, Alexander KE, Ventura EE, Toledo-Corral CM, ***Goran MI***. Inverse relation between dietary fiber intake and visceral adiposity in overweight Latino youth. *Am J Clin Nutr.* 2009: 90; 1160-1166.
16. Spruijt-Metz D, Belcher BR, Anderson D, Lane CJ, Chou C, Salter-Venzon D, **Davis JN**, Hsu Y-W, Neuhouser M, Richey JM, McKenzie TL, McClain A, ***Goran MI,*** Weigensberg MJ. A high sugar, low fiber meal leads to higher leptin and physical activity levels in overweight Latina females as opposed to a low sugar, high fiber meal. *J Am Diet Assoc.* 2009: 109; 1058-1063.
17. Ventura EE, Lane CJ, Weigensberg MJ, Toledo-Corral CM, **Davis JN**, ***Goran MI***. Persistence of the metabolic syndrome over 3 annual visits in overweight Latino children: Association with progressive risk for type 2 diabetes. *J Pediatrics.* 2009:155; 535-541.
18. Alexander KE, Ventura EV, Spruijt-Metz D, Weigensberg MJ, ***Goran MI,*** **Davis JN**. Association of breakfast skipping with visceral fat and insulin indices in overweight Latino youth. *Obesity.* 2009: 17; 1528-1533.
19. **Davis JN**, Kelly LA, Lane CJ, Ventura EE, Byrd-Williams CE, Alexandar KA, Azen SP Chou CP, Spruijt-Metz D, Weigensberg MJ, Berhane K, ***Goran MI.*** Randomized control trial to improve adiposity and insulin resistance in overweight Latino adolescents. *Obesity.* 2009: 17:1534-1541.
20. **Davis JN**, Tung A, Chak SS, Ventura EE, Byrd-Williams CE, Alexander KE, Lane CJ, Weigensgerg MJ, Spruijt-Metz D, ***Goran MI***. Aerobic and strength training reduces adiposity in overweight Latina adolescents. *MSSE.* 2009: 41 (7); 1494-1503.
21. Ventura EE, **Davis JN**, Byrd-Williams CE, Alexandar KE, McClain A, Lane CJ, Spruijt-Metz D, Weigensberg MJ, ***Goran MI.*** Reduction in risk factors for type 2 diabetes mellitus in response to a low-sugar, high-fiber dietary intervention in overweight Latino adolescents. *Archive of Pediatric Medicine.* 2009: 163 (4); 320-327.
22. **Davis JN**, Nelson MC, Ventura EE, Lytle LA, ***Goran MI***. A brief dietary screener: Appropriate for overweight Latino adolescents? *J Am Diet Assoc.* 2009: 109; 725-729.
23. ***Goran MI,*** **Davis JN**, Kelly LA, Shaibi GQ, Spruijt-Metz D, Suni MS, Weigensberg MJ. Low prevalence of pediatric type 2 diabetes: Where’s the epidemic? *J Pediatrics.* 2008: 152 (6): 753-755.
24. Koebnick C, Roberts CK, Shaibi GQ, Kelly LA, Lane CJ, Toledo-Corral CM, **Davis JN**, Ventura EE, Alexander KE, Weigensberg MJ, ***Goran MI.*** Adiponectin and leptin are independently associated with insulin sensitivity, but not insulin secretion or beta-cell function in overweight Hispanic adolescents. *Hormone and Metabolism*. 2008: 40; 708-712.
25. Byrd-Williams CE, Shaibi GQ, Sun P, Lane CJ, Ventura EE, **Davis JN**, Kelly LA, ***Goran MI.*** Cardiorespiratory fitness predicts changes in adiposity in overweight Hispanic boys. *Obesity.* 2008: 16; 1072-1077.
26. Toledo-Corral CM, Roberts CK, Shaibi GQ, Lane CJ, **Davis JN**, Higgins PB, Weigensberg MJ, and ***Goran MI.*** Insulin-like growth factor-1 is inversely related to adiposity in overweight Latino children. *J Ped Endocrinol and Metab.* 2008 Sep; 21(9); 855-64.
27. Ventura EE, **Davis JN**, Alexander KE, Shaibi GQ, Lee W, Byrd-Williams CE, Toledo-Corral CM, Lane CJ, Kelly LA, Weigensberg WJ, ***Goran MI***. Dietary intake and the metabolic syndrome in overweight Latino children. *JADA.* 2008; 108: 1355-1359.

**Publications while in rank of Postdoctoral Fellow at USC:**

1. Koebnick C, Kelly LA, Lane CJ, Roberts CK, Shaibi GQ, Toledo-Corral CM, **Davis JN**, Weigensberg MJ, ***Goran MI.*** Combined association of maternal and paternal family history of diabetes with plasma leptin and adiponectin in overweight Hispanic children. *Diabet Met Syn.* 2007: 25 (9); 1043-1048.
2. Koebnick C, Shaibi GQ, Kelly LA, Roberts CK, Lane CJ, Toledo-Corral C, **Davis JN**, Byrd-Williams C, Weigensberg MJ, ***Goran MI***. Leptin-to-adiponectin ratio as independent predictor of insulin sensitivity during growth in overweight Hispanic youth. *J Endocrinol Invest.* 2007: 30(7); RC13-16.
3. Kelly LA, Lane CJ, Koebnick C, Weigensberg MJ, Roberts CK, **Davis JN**, Toledo CM, Shaibi GQ, ***Goran MI.*** Parental history and risk of type 2 diabetes in overweight Latino adolescents: A longitudinal analysis. *Diabetes Care.* 2007: 30; 2700-2705.
4. Shaibi GQ, Cruz ML, Weigensberg MJ, Toledo CM, Lane CJ, Kelly LA, **Davis JN**, Koebnick C, Ventura EE, Roberts CK, ***Goran MI.*** Adiponectin independently predicts metabolic syndrome in overweight Latino youth. *JCEM*. 2007: 92; 1809-1813.
5. Byrd-Williams CE, Kelly LA, **Davis JN**, Spruijt-Metz D, ***Goran MI.***   Influence of gender, BMI, and Hispanic ethnicity on physical activity in children. *IJPO.* 2007: 2(3); 159-166.
6. **Davis JN**, Alexander KE, Ventura EE, Kelly LE, Spruijt-Metz D, Weigensberg MJ, ***Goran MI.*** Associations of dietary sugar and glycemic index with adiposity and insulin dynamics in overweight Latino youth. *Am J Clin Nutr.* 2007: 86; 1331.
7. **Davis JN**, Ventura EE, Shaibi GQ, Weigensberg MJ, Spruijt-Metz D, Watanabe RM, ***Goran MI.*** Reduction in added sugar intake and improvement in insulin secretion in overweight Latina adolescents. *Met Syn Rel Dis.* 2007: 5 (2);183-193.
8. **Davis JN**, Weigensberg MJ, Shaibi GQ, Crespo NC, Kelly LA, Lane CJ, ***Goran MI.*** Influence of breastfeeding on obesity and type 2 diabetes risk factors in Latino youth with a family history of type 2 diabetes. *Diabetes Care.* 2007: 30 (4); 784-789.
9. **Davis JN**, Ventura EE, Alexander KE, Salguero LE, Weigensberg MJ, Crespo NC, Spruijt-Metz D, ***Goran MI.*** Feasibility of a home-based versus classroom-based nutrition intervention to reduce obesity and type 2 diabetes in Latino youth. *IJPO.* 2007: 2; 22-30.
10. ***Goran MI***, Shaibi GQ, Weigensberg MJ, **Davis JN**, Cruz ML. Deterioration of insulin sensitivity and beta-cell function in overweight Hispanic children: A longitudinal assessment. *IJPO.* 2006: 1(3); 139-145.
11. **Davis JN**, Ventura EE, Weigensberg MJ, Ball G, Bergman RN, ***Goran MI.*** The relation of sugar intake ß-cell function in overweight Latino children. *Am J Clin Nutr.* 2005: 82;1004-1010.

**Publications while in rank of graduate student at UT:**

1. **Davis JN**, ***Gillham MB,*** Hodges, VA. Normal-weight adults consume more fiber and fruit than their age- and height-matched overweight/obese counterparts. *J Am Diet Assoc*. 2006: 106; 833-840.
2. **Davis, JN**, Hodges VA, ***Gillham MB***. Physical activity compliance: Differences between overweight /obese adults and normal-weight adults. *Obesity.* 2006: 14; 2259-2265.

**Manuscripts in Press:**

1. Haushalter K, Hudson E, Morrison J, Landry MJ, **Davis JN**. An increase in food insecurity correlated with an increase in plasma triglycerides among Latinx children  (in press at J Nutr)

**Manuscripts in Review:**

1. Hudson E, Burgermaster M, Isis S, Landry M, Jeans MJ, Vandyousefi S, Chandra J. Seguin-Folwer RA, **Davis JN**. Changes in availability of healthy food in homes of participants in TX Sprouts, a school-based gardening, nutrition, and cooking program. (in review at *JAND; submitted 2/1/23*)
2. Haushalter K, Hudson E, Morrison J, Landry MJ, **Davis JN**. Reductions in food insecurity predict reductions in circulating lipids and glycemic control. (in review at J Nutr)
3. Hudson E, **Davis JN** Haushalter K, Tanaka H, Dubois SK, Steinhardt MA, Burgermaster M. Degree of Food Processing in the Diets of African American Adults with Type 2 Diabetes is Associated with Glycemic Control (in review at AJCN).
4. Josefson JL, Baiyang S, Lo JC, Xiang A, Greenspan LC, **Davis JN**, Greenberg M, Quesenberry CP, Faith MS, Lowe W, Metzger B, Gunderson EP. Gestational Diabetes Timing of Diagnosis, Treatment Type, and Glycemic Control Associations with Newborn Perinatal Outcomes: The SWIFT Study. (in review at Diabetes Metabolism Research and Reviews)

**Manuscripts in Preparation:**

**Chapters in Books:**

1. ***Goran MI,*** Koebnick C, Kelly LA, Roberts C & **Davis JN**. *Ethnic Differences In Obesity-Related Metabolic Complications During Growth and Development* IN: “Physical activity and Obesity”, Edited by AP Hills, NA King & NM Byrne; Chapter 4, pages 24-32; Smith-Gordon (London), 20063
2. Spruit-Metz D. **Davis JN**. *Behavior, Energy Balance and Cancer, Overview*in: “Cancer and Energy Balance, Epidemiology and Overview”, Edited by Nathan A. Berger, Springer US. 20103
3. Spruijt-Metz D, Barnett E, **Davis JN**, Resnicow K. *Obesity and Energy Balance: The challenge of changing behaviors in minority youth.* IN: “Motivational Interviewing with Young People”, Edited by William Miller and Stephen Rollnick, Guilford Publishing Company. 2011.3

**Websites:**

1. **Davis JN,** Nikah K.The Educate, Evaluate, and Nutrition Web platform. Created in 2021. <https://www.edenut.org>

**AWARDS AND HONORS:**

2022-present Julian C. Barton Professorship in Nutrition Fellow

2020-2022 Experiential Learning Initiatives (ELI) Faculty Ambassador - UT

2019 ASN Live! First place video of TX Sprouts

2018 Keep Austin Beautiful – Visa Beautification Award for TX Sprouts

2016 Dannon Institute Nutrition Leadership Institute Recipient

2015 UT-Austin, College of Natural Sciences Teaching Excellence Award

2012-2020 Katherine Ross Richards Centennial Teaching Fellow in Nutrition

2007 The Obesity Society, Elected Student Fellow Council

2004 Research Dietetic Practice Group Graduate Student Paper Award

2003 Central Texas Dietetic Association Scholarship

2001Dean’s Excellence Award

**SERVICE:**

**At the University of Texas:**

2021-present Member of Graduate Admissions Committee

2020-present Faculty Committee on Committee Meetings – UT Austin

2020-present Chair of Graduate Course Redesign Committee

2020-present Integrated Coordinated Program of Dietetics Admissions Committee

2019-present Chair of School of Human Ecology Graduate Program Committee

2019-present Chair of Faculty Search Committee

2019-Present Graduate Studies Committee Chair – Dept of Nutritional Sciences

2018-Present Social Inequality, Health & Policy Bridging Dicipline Program (BDP) faculty panel

2017-Present Associate Chair of the Department of Nutritional Sciences

2021-2022 Chair of Faculty Search Committee – Dept of Nutritional Sciences

2019-2022 Integrated Coordinated Program of Dietetics Graduate Program Committee

2014-2019 Graduate Student Advisor

2014-2020 Seminar Chair – In charge of coordinating monthly deparmental seminar speakers

2017-2018 Co-Chair of the CNS Graduate Education Committee

2016-2018 Member of the 21st Century Graduate Education Task Force

2015-2016 Member of the 21st Century Graduate Education Working Group

2012-2014 Graduate Student Admissions Committee

2012-2014 Chair of Public Relations Committee

2012-2014 Assistant Graduate Student Advisor

**At the University of Southern California**

2011-2012 Leadership Committee for the Los Angeles Basic Clinical and Translational Science Institute Clinical Trials Unit

2008-2011 PhD Admission committee member

**The Obesity Society:**

2022-present Member of Science Development Committee (SDC)

**SEMINARS / LECTURES:**

**Invited Speaker – University Events**

Speaker, EdEN Lab - Educate, Evaluate, and Nutrition. Department of Nutritional Sciences Seminar Series, Austin, TX; Spring 2022 (in person)

Speaker, Impact of Brighter Bites on Food insecurity during COVID-19. School of Human Ecology Advisory Meeting, Austin, TX; Fall 2021(in person)

Speaker, *Nutrition Interventions: Scaling from clinical to community*. Dell Pediatric Research Institute Seminar Series, Austin, TX; Spring 2021 (virtual)

Speaker, *The Best Possible Diet*. College of Natural Sciences - Texas Science Festival, Austin, TX; Spring 2021 (virtual)

Speaker, *Gardening and Health*. The University of Texas Nutrition Institute Webinar series, Austin, TX; Fall 2020 (virtual)

Speaker, *Nutrition Interventions: Scaling from Clinical to Community*. Dell Pediatric Research Institute Webinar series, Austin, TX; Summer 2020 (virtual).

**Invited Conference Symposia Organized (Peer-reviewed):**

Chair, *EdEN Lab* – *Educate, Evaluate, and Nutrition.* Presented as a keynote speaker at the National School Garden Summit, Denver CO; Fall 2022 (in person)

Co-Chair, *The Impact of Gardening on Health.* Presented at theInternational Society of Behavioral Nutrition and Physical Activity; Summer 2020 (virtual).

Co-Chair, *International Insights – using novel measurement approaches to understand the multifactorial determinants and implications of child food insecurity.* Presented at theInternational Society of Behavioral Nutrition and Physical Activity conference, Hong Kong Hong Kong, China; Summer 2018 (in person)

Chair,*Sugar sweetened beverages, obesity and related metabolic diseases in children* Presented at theInternational Society of Behavioral Nutrition and Physical Activity; San Diego CA; Summer 2014 (in person).

Chair, *School gardening for sustainable healthy living*. Presented at the International Society of Behavioral Nutrition and Physical Activity. Austin, TX; Summer 2012 (in person).

**Invited Conference Speaker (Peer-reviewed):**

**Davis JN,** Nikah K, Landry MJ, Vandyousefi S, Jeans MJ, Hudson E. “*The effects of a school gardening-based randomized controlled trial on metabolic parameters in youth*”. Presenting an oral presentation at The Obesity Society; San Diego, CA; November 2022 (in person)

**2022 Davis JN,** Katie Nikah. *“TX Sprouts – Evidence based impact of school gardening programs on child health and academic outcomes*”. School Garden Summit, Denver CA; Fall 2022 (in person)

**Davis JN. *“****What makes school gardens thrive?”* School Garden Support Network. National Webinar**;** Spring 2021 (virtual)

**Davis JN. “***Sustaining and scaling school garden programs”*. JNEB Webinar; Spring 2021 (virtual)

**Davis JN. “***TX Sprouts: A School-Based Cluster Randomized Gardening, Nutrition, and Cooking Intervention: Effects on Obesity, Blood pressure and Diet*.” American Society of Nutrition; Virtual conference; Summer 2020

**Davis JN. “***Artificial Sweetners: Are they linked to obesity and metabolic disease risk in Hispanic Youth?*” Presented at ISBNPA conference, Victoria Canada; Summer 2017 (in person)

**Davis JN,** Shearrer GE. “*Nutrient Choice and Childhood Obesity*”. Presented at The Obesity Society, New Orleans, LA; Fall 2016 (in person)

**Davis JN**, Martinez LT, Spruijt-Metz D, Gatto NM. “*LA Sprouts: Main Effects on Obesity and Dietary Intake*”, Presented at theInternational Society of Behavioral Nutrition and Physical Activity; Edinburgh, Scotland; Summer of 2015 (in person)

**Davis JN,** Cook LT, Spruijt-Metz D, Gatto N. “*LA Sprouts: Preliminary results from the randomized controlled gardening, nutrition, and cooking intervention*”. International Society of Behavioral Nutrition and Physical Activity; San Diego, CA; Summer 2014 (in person)

**Davis JN**. “*Review of Nutrition Interventions to Reduce Obesity*”. Presented at the Children’s Policy Conference; Austin TX; Spring 2014 (in person)

**Davis, JN.** “*Moderate to vigorous physical activity (MVPA) reduces liver, subcutaneous, and visceral fat depots in overweight Latino adolescents”*. Presented at The Obesity Society (TOS); Orlando, FL; Fall 2011 (in person).

**Davis, JN.** “*Physical Activity: Effects on Metabolic Outcomes in Minority Youth*”. Presented at the American College of Sports Medicine (ACSM); Denver, CO; Summer 2011 (in person)

**Davis JN** & Ventura EE. “Is Dietary Sugar the Leading Culprit in Obesity?” Findings from the NCI’s TREC. Presented at the International Society for Behavioral Nutrition and Physical Activity (ISNBPA); Lisbon, Portugal; Summer 2009 (in person)

**Davis JN**. “*Changes in Sex Hormones During Growth and Development in Overweight Children*". Presented at the American College of Sports Medicine (ASCM); Seattle, WA; Summer 2009 (in person).

**Davis JN**. “*Interventions to Improve Metabolic Parameters in Overweight Youth: Obesity and Cancer, the TREC Initiative*”. Experimental Biology; New Orleans, LA; Spring 2009 (in person)

**Davis JN**. “*Childhood Obesity Approaches*” Presented at the Los Angeles Collaborative for Healthy Active Children, Health Disparities and Obesity Prevention in Latinos; Los Angeles, CA; Summer 2009 (in person)

**Davis JN**, Goran MI. “*Randomized control trial of Nutrition Education and Strength Training to Reduce Risk Factors for Obesity Related Diseases in Overweight Latino Adolescents*”. Presented at the TREC conference; Seattle, WA; Fall 2008 (in person)

**Davis JN**, Ventura EE. *Dietary Approaches for Obesity Management in Children*” Presented at the Coalition for Community Health; Los Angeles, CA; Spring 2007 (in person)

**Davis JN**. “*Dietary Approaches for Obesity Management in Children”,* Presented at Community Hospital Network Program; Los Angeles, CA; Spring 2006 (in person)

**Conference Poster Presentation (Peer-reviewed):**

**Davis JN,** Nikah K, Asigbee FM, Landry MJ, Vandyousefi S, Ghaddar R, Jeans MJ. TX Sprouts: A School-based cluster randomized gardening, nutrition, and cooking intervention: Effects on Lipids. Presented The Obesity Society; Fall 2020 (Virtual conference)

**Davis JN,** Nikah K, Asigbee FM, Landry MJ, Vandyousefi S, Ghaddar R, Jeans MJ. Preliminary effects of TX Sprouts, A school-based randomized gardening, nutrition, and cooking intervention on obesity, blood pressure and dietary intake. Presented at The Obesity Society; Las Vegas, NV; Fall 2019 (in person)

**Davis JN,** Asigbee FM, Landry MJ, Vandyousefi S, Ghaddar R, Jeans MJ. Methodology of TX Sprouts, A school-based randomized gardening, nutrition, and cooking intervention. Presented at The Obesity Society; Nashville, TN; Fall 2018 (in person)

**Davis JN.** Relationship between dark green, orange, and yellow vegetable intake and skin carotenoids. Presented at the American Society of Nutrition in Baltimore MA; Summer 2018 (in person)

**Davis JN,** Gyllenhammer L, House BT, Gunderson EP, Goran MI. “*Impact of breastfeeding in gestational diabetes offspring on adiposity and metabolic outcomes in Latino youth across puberty*”, Presented at The Obesity Society; San Antonio TX; Fall 2012 (in person)

**Davis JN,** Ventura EE, Tung A, Munevar M, Hasson R, Byrd-Williams C, Spruijt-Metz D, Weigensberg MJ, Goran MI. “*The effects of an 8-month maintenance nutrition and strength training intervention on type 2 diabetes risk factors in overweight Latino and African American adolescents”*, Presented at The Obesity Society; San Diego, CA; Fall 2010 (in person)

**Davis JN,** Allayee H, Le KA, Walker R, Vikman S, Spruijt-Metz D, Weigensberg MJ, Goran MI. “*Impact of dietary intake on liver fat depots among variants in PNPLA3 in overweight Latino youth*” Presented at The Obesity Society; San Diego, CA; Fall 2010 (in person)

**Davis JN,** Tung A, Spruijt-Metz D, Chak SS, Ventura EE, Byrd-Williams C, Alexander KE, Lane CJ, Weigensberg MJ, Goran MI. “*Randomized control trial of circuit training to improve risk factors for type 2 diabetes in overweight Latino adolescents*”, Presented at The Obesity Society; Boston, MA; Fall 2006 (in person)

**Davis JN,** Kelly LA, Lane CJ, Spruijt-Metz D, Weigensberg MJ, Goran MI. “*The effects of a nutrition education with and without strength training on adiposity in overweight Latino adolescents*”, Presented at The Obesity Society; Boston, MA; Fall 2006 (in person)

**Davis JN,** Ventura EE, Spruijt-Metz D, Shaibi GQ, Weigensberg MJ, Watanabe RM, Goran MI. “*Reductions in added sugar intake improve insulin secretions in Latina Adolescents*”, Presented at The Obesity Society; Boston, MA; Fall 2006 (in person)

**Davis JN,** Ventura EE, Salguero LE, Weigensberg MJ, Spruijt-Metz D, Goran MI. “*A Novel Nutritional approach to reduce risk for type 2 diabetes in overweight Latina adolescents*”, Presented at The Obesity Society; Vancouver, Canada; Fall 2005 (in person)

**Davis JN**, Ventura EE, Weigensberg MJ, Ball G, Bergman RN, Goran MI. “*The relationship of dietary components to poor β-cell function in overweight Latino children at risk of type 2 diabetes*”, Presented at Experimental Biology; San Diego, CA; Spring 2005 (in person)

**Davis JN,** Hodges VA, Gillham MB. “*Overweight and obese adults are less active than their normal weight controls matched for sex, age, and height*”. Presented at The Obesity Society; Las Vegas NV; Fall 2004 (in person)

**Davis JN**, Gillham MB, Hodges, VA. “*Normal weight adults consume more fiber and fruit than their age and height matched overweight/obese counterparts*”, Presented at the American Dietetic Association Food & Nutrition Conference; Anaheim CA; Spring 2004 (in person)

**Davis JN,** Hanss-Nuss N, Chacko-George G, Milani T, Freeland-Graves J. “*Is Nutrition Knowledge Reflected in Healthier Dietary Practices of College Students*?” Presented at Experimental Biology; San Diego, CA; Spring 2003 (in person)

**Davis JN,** Hodges VA, Burke KA, Gillham MB. “*Do Activity Factors Accurately Assess Estimates of Total Energy Expenditure?*” Presented at the Association American Dietetic Association Food & Nutrition Conference; San Antonio, TX; Fall 2003 (in person)

**PROFESSIONAL SERVICES:**

**Journal Reviewer**

American Journal of Clinical Nutrition

Journal of American Dietetic Association

Obesity Research

International Journal of Pediatric Obesity

British Journal of Nutrition

Nutrition Research

Journal of Applied Physiology

Journal of Academy of Nutrition and Dietetics

Pediatric Obesity

Plos One

Preventive Medicine

Public Health Nutrition

Biomedical Central Obesity

Biomedical Central Nutrition

Appetite

Nutrients

**Journal Editor**

Guest Editor for Nutrients, 2017-2018

Associate Editor for Pediatric Obesity 2020-present

**Grant Reviewer**

NIH, Health Promotion in Communities Section (HPC) study section, Ad Hoc Member June 2022

NIH, Complementary and Integrative Health (NCCIH) – SEP to review R34 applications, Spring 2021

NIH, Clinical and Integrative Diabetes and Obesity (CIDO) Study Section, Ad Hoc Member, 2020

NIH, CHLP Community-Level Health Promotion (CLHP) Study Section, Ad Hoc Member, 2019.

NIH, Social Solutions International (Social Solutions) study section, special emphasis panel, 2018.

NIH, Clinical and Integrative Diabetes and Obesity (CIDO) study section, Ad Hoc member, 2017-present

NIH, Kidney, Nutrition, Obesity, and Diabetes (KNOD) study section, Ad Hoc member, June 2016.

NIH Clinical and Integrative Diabetes and Obesity (CIDO) study section, Ad Hoc member, 2015

NIH Psychosocial Risk and Disease Prevention (PRDP) study section, Ad Hoc member, 2007, 2010, 2012

NIH, Risk, Prevention and Health Behavior (RPHB), Ad Hoc member, 2011

**Other Service**

Vandegrift Concession – Leadership committee

Young Men Service League – Meeting Committee Member 2022-present

Junior Diabetes Research Foundation – Family Fundraiser Chair 2012-present

PTA: Steiner Ranch Environmental Chair Board, 2014-2020

Austin Christian Fellowship- Small group leader 2013-2018

Chair of the NCI’s Transdisciplinary Research on Energetics and Cancer (TREC) Training Task Force, 2008-2011

Chair of the TREC Nutritional Assessment Working Group, 2009-2011

Co-Chair of the TREC Nutritional Assessment Working Group, 2008

Co-Chair of the TREC Training Task Force, 2007

Secretary of the TREC Nutritional Assessment Working Group, 2006