

# Curriculum Vitae

## Ru-Jye Chuang, DrPH, M.S.

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### Research Interest

- Behavioral epidemiology with a focus on obesity prevention, healthy nutrition, oral health, maternal and child health, health disparities, and mental health
- Design and implement health promotion programs among children, adolescents, or individuals from under-resourced populations
- Using school-, family-, and community-based approaches to promote healthy nutrition, physical activity, teacher wellness, maternal and child health, oral health, and mental health
- Program evaluation and institutionalize effective research to ongoing programs

### Education

#### August 2007 - May 2014

Doctor of Public Health in Health Promotion and Behavioral Sciences

School of Public Health, University of Texas Health Science Center at Houston, Houston, TX

#### September 2000 - June 2002

Master of Science in Public Health

Medical College, National Cheng Kung University, Tainan, Taiwan

#### September 1996 - June 2000

Bachelor of Science in Public Health (Minor in Social Work)

College of Medicine, Fu-Jen Catholic University, Taipei, Taiwan.

### Expertise

Program development, implementation, and evaluation / Database management / Data analysis / Software such as SAS, SPSS, STATA, Qualtrics Research Suite, REDCap, ActiLife, MS Office, NDSR

### Professional Experience

<b>2023 - Present</b>	<b>Assistant Professor</b> , Department of Health Promotion and Behavioral Sciences, UTHealth Houston School of Public Health, Houston.
<b>2017 - 2023</b>	<b>Faculty Associate</b> , Division of Epidemiology, Human Genetics and Environmental Sciences, UTHealth Houston School of Public Health, Houston.
<b>2014 – 2017</b>	<b>Postdoctoral Research Fellow</b> , Division of Epidemiology, Human Genetics and Environmental Sciences, UTHealth Houston School of Public Health, Houston.
<b>2007 - 2014</b>	<b>Graduate Research Assistant</b> , Division of Epidemiology, Human Genetics and Environmental Sciences, UTHealth Houston School of Public Health, Houston. Michael & Susan Dell Center for Healthy Living, University of Texas School of Public Health, Houston. The University of Texas Center for Health Promotion and Prevention Research, UTHealth Houston School of Public Health, Houston.
<b>2006 – 2007</b>	<b>Research Assistant</b> , Education Center of National Cheng Kung University Hospital, Tainan, Taiwan
<b>2002 - 2005</b>	<b>Research Associate</b> , Department of Public Health, College of Medicine, National Cheng Kung University Hospital, Tainan, Taiwan
<b>2000 – 2002</b>	<b>Graduate Research Assistant</b> , Department of Public Health, College of Medicine, National Cheng Kung University Hospital, Tainan, Taiwan
<b>1999 – 2000</b>	<b>Undergraduate Research Assistant</b> , Department of Public Health, College of Medicine, Fu-Jen Catholic University, Taipei, Taiwan

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**Research Grants and Contracts**

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**Funded and In Progress:****2025-2026 Impact of Brighter Bites on Obesity-Related Health Outcomes and Psychosocial Wellbeing among Parents in Acres Homes**

This group non-randomized controlled study uses mixed methods to evaluate the association between non-medical drivers of health and type 2 diabetes and obesity among parents with children, and to understand their challenges to sustainable access to nutritious foods and perceived risks to obesity-related cancer.

Funder: National Cancer Institute/NIH/DHHS

Role: Principal Investigator

Total Direct Costs: \$74,970

**2023-2028 Center for Transformative Community-Driven Research to Prevent Obesity-related Cancer**

The goal of this project is to conduct a cluster randomized controlled trial to evaluate the effectiveness of Brighter Bites, a school-based co-op nutrition education program, on obesity related biometric outcomes among under-resourced children attending schools in a persistent poverty area in Houston.

Funder: National Cancer Institute/NIH/DHHS

Role: MPI (MPI: Drs. Shreela Sharma and William Perkison)

Total Direct Costs: \$1,133,228

**2023-2026 A comprehensive produce prescription program to improve food security and health outcomes among at-risk children and their families**

The goal of this project is to conduct a cluster randomized controlled trial to test the efficacy of a clinic-based produce prescription program to improve food security and health outcomes among at-risk children and their families.

Funder: Wal-Mart Foundation

Role: Co-Investigator (PI: Dr. Shreela Sharma)

Total Direct Costs: \$1,304,348

**2023-2025 Brighter Bites Produce Prescription Program**

The project is to conduct a clinic trial to test the efficacy of a produce prescription program in school-based health centers to improve food security and health outcomes among at-risk children and their families.

Funder: National Institute of Food & Agriculture/USDA

Role: Principal Investigator

Total Direct Costs: \$1,01,370

**2023-2026 Produce prescription to improve food insecurity and health outcomes among at-risk children and their families**

The goal of this project is to conduct a cluster randomized controlled trial to test the efficacy of a clinic-based produce prescription program to improve food security and health outcomes among at-risk children and their families.

Funder: Humana Foundation

Role: Co-Investigator (PI: Dr. Shreela Sharma)

Total Direct Costs: \$217,359

**Research Grants and Contracts****2020-2026 UG3DE029016/UH3DE029213: CATCH Health Smiles randomized controlled trial for oral health promotion in elementary school children**

The goal of this project is to conduct a cluster-randomized controlled trial to test the efficacy of an oral health promotion intervention among elementary school children in Texas.

Funder: NIDCR/NIH UG3/UH3

Role: Project Director and Co-Investigator (PI: Dr. Shreela Sharma)

Total Direct Costs: \$4,093,511

**2018-2024 Brighter Bites to improve access, intake and education of healthy foods among underserved children**

The goal of this project is to evaluate the efficacy of Brighter Bites (previously called ACE for Health) to improve intake of fruits and vegetables among elementary school children in Houston.

Funder: USDA/SNAP Ed

Role: Co-Principal Investigator (MPI: Dr. Shreela Sharma)

Total Direct Costs: \$1,070,079

**Submitted and Pending:****Food Is Medicine randomized controlled trial for caries prevention among at-risk children**

Role: Co-Investigator (MPI: Drs. Shreela Sharma & Jose-Miguel Yamal)

Submitted to: National Institute of Dental and Craniofacial Research (NIDCR)

Total Direct Costs: \$ 2,996,314

**A Multi-component Approach to Promote Postpartum Cardiovascular Health in the First Year After Childbirth**

Role: Principal Investigator (MPI: Drs. Andrea Ramirez Varela & Shreela Sharma)

Submitted to: National Heart, Lung, & Blood Institute/NIH/DHHS (NHLBI)

Total Direct Costs: \$ 2,498,156

**Produce prescription to improve food insecurity and health outcomes among 600 at-risk children and their families.**

Role: Principal Investigator (MPI: Dr. Shreela Sharma)

Submitted to: Elevance Health Foundation Inc.

Total Direct Costs: \$908,636

**Completed:****2021-2024 Be Well Acres Homes**

The goal of this project is to promote healthy diet and participants' perceived helpfulness and confidence in preparing fruits and vegetables through community cooking classes and cooking video development.

Funder: Brighter Bites/University of Texas MD Anderson Cancer Center

Role: Principal Investigator

Total Direct Costs: \$63,901

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**Research Grants and Contracts**


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**2022-2024 Nurturing Healthy Teachers**

The goal of this project is to conduct a cluster randomized controlled trial to test the effectiveness of a multicomponent intervention combining access to produce, nutrition and wellness support on body weight and cardiometabolic outcomes among teachers employed at Head Start centers in Texas.

Funder: Vitamix Foundation

Role: Co-Investigator (MPI: Drs. Shreela Sharma and Nalini Ranjit)

Total Direct Costs: \$335,672

**2018-2024 Development and validation of a measure of organizational readiness (motivation x capacity) for implementation**

Funder: National Cancer Institute

Role: Co-Investigator, (PI: Dr. Maria E. Fernandez).

Total Direct Costs: \$2,317,818

**2020 - 2021 COVID 19 Symptom Tracking Surveillance in Texas**

Funding: UTHealth, The Center for Clinical and Translational Sciences

Role: Co-Investigator (PI: Dr. Bijal Bala & Dr. Shreela Sharma)

**2020 - 2021 COVID-19 and SARS-CoV-2 infection surveillance of high-risk community members in the Houston area**

Funding: UTHealth, The Center for Clinical and Translational Sciences

Role: Research Associate (PI: Dr. Blake Hanson)

**2019 – 2020 Pilot Evaluation of the Double Up Food Buck Houston (DUFBH) Program**

The goal of this pilot evaluation study is to conduct a secondary data analysis to evaluate the initial impact of the Double Up Food Buck Houston program on food insecurity, fruit and vegetable consumption, and produce shopping behaviors among SNAP participants.

Funding: Rebuild Texas Fund

Role: Principal Investigator (MPI: Dr. Shreela Sharma)

**2018 - 2020 Evaluation of the Early Learning Healthy Teachers Program (Create Healthy Futures)**

The goal of this project is to conduct a randomized controlled trial to an online worksite-based intervention program for early care and education (ECE) professionals in increasing knowledge and awareness of the nutrition environment, and promoting implementation of nutrition-related behavior in the ECE setting.

Funding: Vitamix Foundation

Role: Principal Investigator (MPI: Dr. Shreela Sharma)

**2015 – 2019 Healthy Eating and Active Living (HEAL) for Pregnant Women and Babies**

The goal of this project is to implement and evaluate a program to promote diet and physical activity in pregnant women and mothers with infants (0-2y).

Funding: 1115 Medicaid waiver: Texas Health Transformation and Quality Improvement Program.

Role: Program Evaluation Manager (PI: Dr. Shreela Sharma)

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**Research Grants and Contracts**


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**2017 – 2018 Evaluation of the An Early Care and Education Professional's Impact: Nourish Yourself and Create Healthy Futures Project**

The goal of this pilot study is to evaluate the feasibility and effectiveness of an online intervention program for early care and education (ECE) professionals in increasing knowledge and awareness of the nutrition environment, and promoting implementation of nutrition-related behavior in the ECE setting.

Funding: Vitamix Foundation

Role: Principal Investigator (MPI: Dr. Shreela Sharma)

**2017 – 2018 CATCH Healthy Smiles: Planning and feasibility of an elementary school-based child oral health RCT**

The goal of this planning grant is to design a school-based oral health promotion program and determine its feasibility.

Funding: NIH R34DE026245

Role: Co-Investigator and Program Coordinator (PI: Dr. Shreela Sharma)

**2015 – 2017 NIH R21 - PALS-CATCH for obesity prevention among at-risk toddlers**

The goal of this project is to pilot test, using a randomized controlled trial design, the feasibility and effects of a home visitation parenting program to improve overweight and obesity among at- risk toddlers.

Funding: NIH R21 National Heart Lung and Blood Institute

Responsibilities: develop program implementation and evaluation materials / manage program evaluation / data management and analysis/ reports and manuscripts preparation / program staff training and management

**2015 The Texas Childhood Obesity Research Demonstration (TX-CORD) Project**

The goal of this demonstration project is to develop, implement and evaluate an integrated, systems- oriented Obesity Care Model for underserved children aged 2-12 years old.

Funding: Centers for Disease control and Prevention, DP11-007

Responsibilities: manage early child care center and teacher data / data analysis / report and manuscript preparation

**2014 - 2015 National Early Care & Education Learning Collaboratives (ECLEC), Let's Move! Child Care (LMCC)**

Through the management of the LMCC registration, quiz and action planning components in Qualtrics, the goal of the LMCC project is to provide a seamless experience for LMCC users to self-assess and plan their progress toward creating healthy environments for the children they serve.

Funding: Centers for Disease Control and Prevention – sub-contract with Nemours

Responsibilities: coordinate and manage program implementation on-line / data analysis / report preparation

**2013 The Quest to Lava Mountain: evaluating video games for dietary change in children**

The goal of this project is to evaluate the effect of a video game in promoting healthy dietary habits among 3rd grade children in Texas.

Funding: The Cooper Institute/The Safeway Foundation

Responsibilities: manage 24-hours food recall surveys/data management/data analysis/ reports and manuscripts preparation

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**Research Grants and Contracts**


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- 2013**      **Shape Up Houston**  
**The goal of this 2-year project is to evaluate the effectiveness of hospital-based obesity prevention initiatives using social marketing strategies for their employees.**  
 Funding: Shape Tomorrow non-profit organization  
 Responsibilities: database management/data analysis/ reports and manuscripts preparation/communication with study participants
- 2013**      **Access, Continuity and Education (ACE)**  
 A collaborative effort among the Houston Food Bank, Texas Children’s Hospital, KIPP schools and UTHealth that seeks to improve health by removing barriers to healthy eating.  
 Funding: Texas Children’s Hospital/Blue Cross Blue Shield  
 Responsibilities: database management/data analysis/reports and manuscripts preparation
- 2011 - 2013**      **Lunch in the Bag: Packing more fruits, vegetables, grain in preschool sack lunches**  
 The purpose of this project is to determine the effectiveness of a parent-based intervention to increase the fruits, vegetables and whole grain content of preschool sack lunches.  
 Funding: National Cancer Institute, NIH (NIH/NCI 1R01CA149643-01)  
 Responsibilities: database management/ data analysis /coordinate evaluations and data collection/ manage direct observation of packed food items and servings sizes/ manage direct observation on food consumption / program staff training and management
- 2010 - 2011**      **Head Start on Healthy Living**  
 The purpose of this project is to implement and evaluate an obesity prevention program in preschool children enrolled in Head Start and their parents.  
 Funding: U.S. Department of Health and Human Services, Administration for Children and Families  
 Responsibilities: lead evaluations and data collection / manage SOFIT-P and direct observation on food consumption /database management/data analysis/reports and manuscripts preparation / program staff training and management
- 2009 - 2010**      **Coordinated Approach to Child Health in Underserved Populations (CATCH UP)**  
 The purpose of this project is to pilot test an obesity prevention program in preschool age children and their parents in Head Start  
 Funding: University of Texas, School of Public Health  
 Responsibilities: lead evaluations and data collection/manage SOFIT-P and direct observation on food consumption/database management/data analysis/reports and manuscripts preparation / program staff training and management
- 2008 – 2008**      **The Fun Families Study**  
 The purpose of this project is to determine the effectiveness of a family-based intervention to reduce children’s time spent on television viewing.  
 Organization: The University of Texas Center for Health Promotion and Prevention Research, University of Texas School of Public Health.  
 Responsibilities: coordinate evaluations and data collections/manage home interviews and measurements /database management/data analysis
- 2007 – 2008**      **The Fun Families Study**  
 Organization: The University of Texas Center for Health Promotion and Prevention Research, University of Texas School of Public Health.  
 Responsibilities: conduct home interviews and measurements with children and their parents

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**Research Grants and Contracts**


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- 2006 – 2007** **Education Center Research Assistant**  
 Organization: Education Center of National Cheng Kung University Hospital, Tainan, Taiwan  
 Responsibilities: coordinate and prepare for teaching hospital accreditation/coordinate hospital management internship program/managing teaching clinics/ database management/data analysis/ reports and manuscripts preparation
- 2005** **Tainan Healthy City Project (II)**. DOH-94-HP-1408  
 The goal of the second phase of this three-year project were: raising citizens' awareness of the current situation in Tainan City; developing a city health profile for Tainan City; initiating specific Tainan Healthy Cities action plans; formulating local Healthy Cities indicators reflecting characteristics of Tainan City; hosting international Healthy Cities conferences, promoting partnerships with Healthy Cities worldwide; establishing the mechanisms for implementation and evaluation  
 Responsibilities: data management/data analysis/ reports and manuscripts preparation
- 2004 – 2005** **Ethical, Legal, and Social Implication— Genetic Education to Newly Married Couples (III)**. NSC 93-3112-H-006-002  
 The purpose of this study was to determine the effectiveness of a family-based intervention on newly married couples' knowledge and attitude change toward utilizing genetic technology  
 Responsibilities: coordinate data collection/coordinate evaluations and surveys/database management/data analysis/ reports and manuscripts preparation/facilitate journal clubs and focus groups/book editing / program staff training and management
- 2003 – 2004** **Ethical, Legal, and Social Implication— Genetic Education to Newly Married Couples (II)**. NSC 92-3112-H-006-003  
 The purposes of this study were to develop intervention and evaluation materials and to conduct a family-based intervention for newly married couples  
 Responsibilities: coordinate data collection/ manage evaluations and surveys /database management/data analysis/ reports and manuscripts preparation/facilitate journal clubs and focus groups / program staff training and management
- 2002 – 2003** **Ethical, Legal, and Social Implication— Genetic Education to Newly Married Couples (I)**. NSC 91-3112-H-006-004  
 The aims of this study were to collect existing concerns and to study the experience and impact of genetic technology and genetic test on newly married couples  
 Responsibilities: coordinate data collection/ manage evaluations and surveys /database management/data analysis/ reports and manuscripts preparation/facilitate journal clubs and focus groups
- 2000 – 2002** **The Effects of Alcohol Advertisement on TV to Drinking Behavior among Adolescent in Tainan, Taiwan**. NSC89-2413-H-006-012  
 The purpose of this project was to determine the association between adolescents' knowledge and attitude toward alcohol advertisement on TV and their drinking behavior  
 Responsibilities: coordinate data collection/ manage evaluations and surveys /database management/data analysis/ reports and manuscripts preparation / program staff training and management
- 1999 – 2000** **Fear of Falling as a Factor to Falling among Elderly People in the Community**. NSC89-2815-C-030-003B  
 The purpose of this study was to examine the association between fear of falling and falling among elderlies in the community  
 Responsibilities: database management/ data analysis/ reports and manuscripts preparation

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**Publications**


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**A. Doctoral Dissertation:**

**Chuang RJ.** Increasing Moderate-to-Vigorous Physical Activity among Preschool Children during School Hours. May, 2014.  
<https://digitalcommons.library.tmc.edu/dissertations/AAI3639413>

**B. Master Thesis:**

**Chuang RJ.** Effects of Health Fitness Test and Tailored Exercise Advice to the Change of Exercise Behavior in An-Nan District. June, 2002. <https://hdl.handle.net/11296/zj8nyz>

**C. Academic Papers:**

Note: An asterisk (\*) indicates a student-led paper/publications.

**a. Published Manuscripts**

1. Sharma SV, Deason JE, Wang M, Garcia-Quintana A, **Chuang R-J**, Johnson K, Garner S, Kelder S, Yamal J-M. Association of parental oral health knowledge and self-efficacy with early childhood caries and oral health quality of life in Texas schoolchildren. *Int J Environ Res Public Health*. 2025;22(4):513. doi:10.3390/ijerph22040513
2. \*Kwentua V, Marshall A, **Chuang R-J**, et al. Nourishing change in Houston, Texas: exploring grocery shopping behaviours and fruit and vegetable consumption among low-income families in the Brighter Bites program. *Public Health Nutr*. 2025;28(1):e40. doi:10.1017/S136898002400260XYamal J-M, Mofleh D, **Chuang R-J**, Wang M, Johnson K, Garcia-Quintana A, Titiloye T, Nelson S, Sharma S. Training protocol and calibration of the International Caries Detection and Assessment System in a school-based clinical trial of elementary school-age children. *J Public Health Dent*. 2024. <https://doi.org/10.1111/jphd.12648>
3. Sharma, SV., Senn M., Zieba A., Tang M., **Chuang, RJ.**, Byrd-Williams C., Pomeroy M, Gaminian A., Cox J., French K., Ranjit N. Design, protocol and baseline data of Nurturing Healthy Teachers, a cluster non-randomized controlled trial to improve the health, well-being, and food security of preschool and elementary school teachers in Houston, Texas. *Prev Med Rep*. 2024; 40: 102674. <https://doi.org/10.1016/j.pmedr.2024.102674>
4. \*Parthasarathy N., Ranjit N., **Chuang RJ.**, Markham C., Pomeroy M., Noyola J., Ernest DK., Sharma SV. Changes in unhealthy food consumption among vulnerable elementary-aged children in the United States during the COVID-19 pandemic: a serial cross-sectional analysis. *Front. Nutr*. 2024; 11: 1468767. <https://doi.org/10.3389/fnut.2024.1468767>
5. \*Mathur M., Marshall A., Yeragi P., Prabhu V., Markham C., Preston A., Stark K., Pomeroy M., McKay S., Gaminian A., **Chuang RJ.**, Kow R., Tang M., Sharma SV. Design and protocol of a clinic-based comparative effectiveness randomized controlled trial to determine the feasibility and effectiveness of food prescription program strategies in at-risk pediatric populations. *Contemp Clin Trials*. 2023; 135: 107379. doi:10.1016/j.cct.2023.107379
6. \*Metoyer, BN., **Chuang RJ.**, Lee M., Markham, C., Brown, E., Almohamad, M., Sharma, SV. SNAP Participation Moderates Fruit and Vegetable Intake Among Minority Families With Low Income. *J Nutr Educ Behav*. 2023; S1499-4046(23)00475-X. <https://doi.org/10.1016/j.jneb.2023.08.005>
7. \*Almohamad M., Marshall A., Dave JM., **Chuang RJ.**, Markham C., Sharma SV. Dietary behaviors during COVID-19 among households at risk for food insecurity. *J. Nutr. Sci*. 2023, 12 (e54):1-8. <https://doi.org/10.1017/jns.2023.36>
8. \*Metoyer, B.N., **Chuang, R.-J.**, Lee, M.; Markham, C., Brown, E.L., Almohamad, M., Dave, J.M., Sharma, S.V. Fruit and Vegetable Intake and Home Nutrition Environment among Low-Income Minority Households with Elementary-Aged Children. *Nutrients* 2023, 15, 1819. <https://doi.org/10.3390/nu15081819>
9. \*Metoyer, B.N., **Chuang, R.-J.**, Lee, M., Markham, C., Brown, E., Almohamad, M., Dave, J.M., Sharma, S.V. Fruit and Vegetable Shopping Behavior and Intake among Low-Income Minority Households with Elementary-Aged Children. *Children* 2023, 10, 82. <https://doi.org/10.3390/children10010082>
10. **Chuang RJ.**, Byrd-Williams C., Yamal JM., Johnson K., Kelder S., Nelson S., Mofleh D., Sharma S. Design for a Cluster Randomized Controlled Trial to Evaluate the Effects of the



- CATCH Healthy Smiles School-based Oral Health Promotion Intervention among Elementary School Children. *Contemp Clin Trials Commun* 2022; 5:30:101033.  
<https://doi.org/10.1016/j.conctc.2022.101033>
11. Marshall, A.N.; **Chuang, R.-J.**; Chow, J.; Ranjit, N.; Dave, J.M.; Mathur, M.; Markham, C.; Sharma, S.V. Food Insecurity among Low-Income Households with Children Participating in a School-Based Fruit and Vegetable Co-Op. *Children* 2022; 9: 1250.  
<https://doi.org/10.3390/children9081250>
  12. \*Parthasarathy, N., Li, F., Zhang, F., **Chuang, R. J.**, Mathur, M., Pomeroy, M., Noyola, J., Markham, C., & Sharma, SV. A Cross-Sectional Study Analyzing Predictors of Perceived Stress Among Elementary School Teachers During the COVID-19 Pandemic. *Workplace Health Saf*; 2022: 21650799211070733. <https://doi.org/10.1177/21650799211070733>
  13. \*Li F., Parthasarathy N., Zhang F., **Chuang R.**, Mathur M., Pomeroy M., et al. Food Insecurity and Health-Related Concerns Among Elementary Schoolteachers During the COVID-19 Pandemic. *Prev Chronic Dis* 2022;19:210392. <http://dx.doi.org/10.5888/pcd19.210392>
  14. \*Mofleh, D., **Chuang RJ.**, Ranjit, N., Cox J., Anthony C., Sharma SV. A cluster-randomized controlled trial to assess the impact of a nutrition intervention on dietary behaviors among early care and education providers: The Create Healthy Futures study. *Prev Med Rep.* 2022; 28:101873. <https://doi.org/10.1016/j.pmedr.2022.101873>
  15. Sharma SV., Kelder S., Yamal JM., **Chuang RJ.**, Byrd-Williams C., Bona G., Bajaj N., Brito F., Neumann AS. Development and feasibility testing of CATCH Healthy Smiles, an oral health promotion intervention for prevention of dental caries among elementary school children. *J Sch Health* 2021.<https://doi.org/10.1111/josh.13100>
  16. \*Rushing M, **Chuang RJ**, Markham C., Sharma SV. Sociodemographic Factors Associated with Attendance to Brighter Bites, a School-Based Food Co-op Nutrition Intervention for Low-Income Families. *J Health Dispar Res Pract.* 2021; 14(3): 73-88.  
 Available at: <https://digitalscholarship.unlv.edu/jhdrp/vol14/iss3/4>
  17. \*Haidar, A.; Markham, C.; Marshall, A.; **Chuang, R.-J.**; Spence, M.; Boone, J.; Pomeroy, M.; Dachman, R.; Davis, J.N.; Sharma, S.V. Innovative Partnerships to Address Food Insecurity during the COVID-19 Pandemic: The Brighter Bites Produce Voucher Program. *Int. J. Environ. Res. Public Health* 2021, 18, 9175. <https://doi.org/10.3390/ijerph18179175>
  18. \*Mofleh, D., Ranjit, N., **Chuang, R. J.**, Cox, J. N., Anthony, C., & Sharma, S. V. Peer Reviewed: Association Between Food Insecurity and Diet Quality Among Early Care and Education Providers in the Pennsylvania Head Start Program. *Prev Chronic Dis.* 2021; 18: E60. <http://dx.doi.org/10.5888/pcd18.200602>
  19. **Chuang RJ.**, Sharma SV., Cox J., Mincemoyer CC. A pilot randomized controlled trial of a nutrition and dietary intervention for early care and education providers. *J Sch Health.* 2020; <https://doi.org/10.1111/josh.12951>
  20. Sharma SV., **Chuang RJ.**, Rushing M., Naylor B., Ranjit N., Pomeroy M., Markham C. Social Determinants of Health-Related Needs During COVID-19 Among Low-Income Households with Children. *Prev Chronic Dis.* 2020; 17:200322. DOI: <https://doi.org/10.5888/pcd17.200322>
  21. Sharma SV., Haidar A., Noyola J., Tien J., Rushing M., Naylor BM., **Chuang RJ.**, Markham C. Using a rapid assessment methodology to identify and address immediate needs among low-income households with children during COVID-19. *PLoS ONE.* 2020; 15(10):e0240009. <https://doi.org/10.1371/journal.pone.0240009>.
  22. Sharma SV., **Chuang RJ.**, Byrd-Williams C., Vandewater EA., Butte NF., Hoelscher DM. Using process evaluation for implementation success of preschool-based programs for obesity prevention: The TX Childhood Obesity Research Demonstration study. *Journal of School Health.* 2019; 89(5):382-392. <https://doi.org/10.1111/josh.12745>
  23. Sharma SV., Vandewater EA., **Chuang RJ.**, Byrd-Williams C., Kelder, S., Butte NF., Hoelscher DM. Impact of the Coordinated Approach to Child Health Early Childhood Program for Obesity Prevention among Preschool Children: The Texas Childhood Obesity Research Demonstration Study. *Childhood Obesity.* 2018; 15(1):1-13. <https://doi.org/10.1089/chi.2018.0010>
  24. Sharma, SV., **Chuang, R.J.**, Byrd-Williams, C., Danho, M., Upadhyaya, M., Berens, P., Hoelscher, DM. Pilot evaluation of HEAL - A natural experiment to promote obesity prevention

- behaviors among low-income pregnant women. *Preventive Medicine Reports*. 2018; 9(10):254-262. <https://doi.org/10.1016/j.pmedr.2018.04.005>
25. **Chuang RJ.**, Sharma SV., Perry C., Diamond, P. Does the CATCH Early Childhood Program Increase Physical Activity among Low-Income Preschoolers? – Results from a Pilot Study. *American Journal of Health Promotion*. 2018; 32(2): 344-348. <https://doi.org/10.1177/089011711770095>
  26. Byrd-Williams C., Dooley EE., Sharma SV., **Chuang RJ.**, Butte N., Hoelscher DM. Best Practices and Barriers to Obesity Prevention in Head Start: Differences Between Director and Teacher Perceptions. *Preventing Chronic Disease*. 2017; 14:E139. <http://dx.doi.org/10.5888/pcd14.170297>
  27. Sharma SV., Rashid T., Ranjit N., Byrd-Williams C., **Chuang RJ.**, Roberts-Gray C., Briley M., Sweitzer S., Hoelscher DM. Effectiveness of the Lunch is in the Bag program on communication between the parent, child and child-care provider around fruits, vegetables and whole grain foods: A group-randomized controlled trial. *Preventive Medicine*. 2015; 81:1-8. <https://doi.org/10.1016/j.ypmed.2015.07.005>
  28. Sharma SV., Markham C., Helfman, L., Albus K., Pomeroy M., **Chuang RJ.** Feasibility and acceptability of Brighter Bites: A food co-op in schools to increase access, continuity and education of fruits and vegetables among low-income populations. *Journal of Primary Prevention*. 2015 June 13: 1-6. <https://doi.org/10.1007/s10935-015-0395-2>
  29. Sharma SV., Hedberg AH., Skala K., **Chuang RJ.**, Lewis TM. Feasibility and Acceptability of a Gardening-based Nutrition Education Program in Preschoolers from Low-income, Minority Populations. *Journal of Early Childhood Research*. 2015; 13(1):93-110. <https://doi.org/10.1177/1476718X14538598>
  30. O'Connor T., Hingle M., **Chuang RJ.**, Gorely T., Hinkley T., Jago R., Lanigan J., Pearson N., Thompson D. Conceptual Understanding of Screen Media Parenting: Report of a Working Group. *Childhood Obesity*. 2013;9(s1): s110-s118. <https://doi.org/10.1089/chi.2013.0025>
  31. **Chuang RJ.**, Sharma SV., Skala K., Evans AE. Ethnic differences in the home environment and physical activity behaviors among low-income, minority preschoolers in Texas. *American Journal of Health Promotion*. 2013; 27(4): 270-278. <https://doi.org/10.4278/ajhp.110427-QUAN-171>
  32. Skala K., **Chuang RJ.**, Evans A., Hedberg AM., Dave J., Sharma SV. Ethnic differences in home food environment and related parental practices among low-income families of preschoolers. *Journal of Immigrant and Minority Health*. 2012; 14(6): 1014-22. <https://doi.org/10.1007/s10903-012-9575-9>
  33. Sharma SV., **Chuang RJ.**, Hedberg AM. Pilot-testing CATCH Early Childhood: A Preschool-Based Healthy Nutrition and Physical Activity Program. *American Journal of Health Education*. 2011; 42(1): 12-23. <https://doi.org/10.1080/19325037.2011.10599169>
  34. Sharma SV., **Chuang RJ.**, Skala, K., Atteberry H. Measuring physical activity in preschoolers: Reliability and validity of The System for Observing Fitness Instruction Time for Preschoolers (SOFIT-P). *Measurement in Physical Education and Exercise Science*. 2011; 15(4): 257-273. <https://doi.org/10.1080/1091367X.2011.594361>
  35. Hu SC, **Chuang RJ.**, Wang YH, Huang IC, Lin SJ. Health Care Provider and Consumer Attitudes toward Genetic Testing for Non-treatable Genetic Diseases. *The Journal of Health Science*, 2005; 7(3):246-57. [Chinese] [https://doi.org/10.6563/TJHS.2005.7\(3\).3](https://doi.org/10.6563/TJHS.2005.7(3).3)
  36. **Chuang RJ.**, Hu SC., Lin LL., et al. Health Fitness Test in a Community: Comparing Demographic and Exercise Behavioral Characteristics of Participants and Non-participants. *Taiwan J Fam Med* 2002; 12: 157-67. [Chinese] <https://doi.org/10.7023/TJFM.200212.0157>
  37. Lin LL., Hu SC., **Chuang RJ.** Exercise and Health: Epidemiology and the Appliance to the Community. *Nation Cheng Kung University Physical Education Research Bulletin* 2002; 36(1):16-17. [Chinese]

#### b. Manuscripts Under Review

1. **Chuang RJ.**, Ernest DK, Wang M, Deason J, Jiang J, Garcia-Quintana A, Yamal JM, Johnson K, Garner S, Sharma SV. Association of Food and Nutrition Insecurity with Dental Caries

- Prevalence Among Under-Resourced Children and Families. [Under Review]
2. Mathur M, Yeragi P, Prabhu V, Marshall A, Chow J, Gaminian A, Pomeroy M, Markham C, **Chuang RJ**, Sharma SV. Implementation and effectiveness outcomes of a pilot comparative effectiveness randomized controlled trial evaluating a Food is Medicine program among at-risk pediatric populations. [Under Review]
  3. \*Tang M, Ranjit N, Ernest D, Senn M, Zieba A, **Chuang RJ**, Cox J, French K, Pomeroy M, Gaminian A, Sharma SV. Self-rated Health as An Indicator of Health Behaviors Among Elementary School Teachers: Evidence from the Nurturing Healthy Teacher Study. [Under Review]
  4. \*Parthasarathy N, Ranjit N, **Chuang RJ**, Markham C, Pomeroy M, Noyola J, Sharma SV. Changes in home food environment among low-income families with elementary school-aged children during the COVID-19 pandemic: A serial cross-sectional analysis. [Under Review]
  5. \*Parthasarathy N, Markham CM, Ranjit N, **Chuang RJ**, Choudary S, Sharma SV. Dietary behavior among elementary school children in the United States during the COVID-19 pandemic: A scoping review. [Under review]
  6. Tice N, Thompson AMV, Sanders R, Almohamad M, **Chuang RJ**, Gibson W, Mathur M, Spees CK, Otto M, Ranjit N, Sharma S. Qualitative Research Using a human-centered approach to design Food Is Medicine programs. [Under Review]
  7. \*Duhaim W, Heredia N, Markham C, **Chuang RJ**, Cuccaro P, Sharma S. Factors Associated with Health-Related Quality of Life in Low-Income Minority Mothers in the First Year Postpartum. [Under Review]
  8. \*Duhaim W, Heredia N, Markham C, **Chuang RJ**, Cuccaro P, Sharma S. Factors Related to Physical Activity Among Low-Income Mothers in the First Year Postpartum. [Under Review]
  9. Sharma S, Tice N, Almohamad M, Hoelscher D, Macias-Navarro L, Gibson W, De La Cruz M, Gaminian A, Pomeroy M, Galvan E, Melshenker Ackerman M, **Chuang RJ**, de Oliveira Otto M, van den Berg A, Markham C, Bily M, Leke E, Berens P, Ranjit N. Call for using behavioral science theory for design and evaluation of Food Is Medicine interventions: A perspective using a case-study approach. [Under Review]

#### D. Peer Reviewed and Invited Presentations, Posters and Abstracts

1. **Chuang RJ**, Pomeroy M, Mottu L, Rowlands J, Tice N, Gibson W, Mather M, Xue Q, Gaminian A, Ramirez S, Sharma SV. Design and recruitment strategies of a non-randomized controlled study evaluating the feasibility and effectiveness of a produce prescription program in school-based health centers among overweight and obese adolescents. Oral presentation at: American Public Health Association 2025 Annual Meeting and Expo; November 2025; Washington, DC.
2. **Chuang RJ**, Wang M, Jiang J, Deason J, Garcia-Quintana A, Yamal J-M, Sharma SV. Association between household food insecurity, nutrition security, and dental caries prevalence and oral health-related behaviors among under-resourced children and families. Poster presented at: American Public Health Association 2025 Annual Meeting and Expo; November 2025; Washington, DC.
3. \*Senn M, Sharma S, **Chuang RJ**, Perkison W, Markham C, Garcia-Quintana A, Zieba A, Crichlow K, Tran M, Abdullah-Nguyen H, Xu S, Gaminian A, Pomeroy M, Hall M, Degen K, Shete S. A cluster randomized controlled trial evaluating the impact of a school-based fruit and vegetable co-op on cardiometabolic health in 1st–3rd grade children from a persistent poverty area. Oral presentation at: American Public Health Association 2025 Annual Meeting and Expo; November 2025; Washington, DC.
4. Garcia-Quintana A, Crichlow K, **Chuang RJ**, Deason J, Wang M, Byrd-Williams C, Kelder SH, Yamal J-M, Sharma S. Implementing K-2nd grade toothbrushing activities in Houston, Texas elementary schools: CATCH Healthy Smiles. Poster presented at: American Public Health Association 2025 Annual Meeting and Expo; November 2025; Washington, DC.
5. Mathur M, Marshall A, **Chuang RJ**, Pomeroy M, Markham C, Gaminian A, Sharma S. The effectiveness of a comparative effectiveness randomized controlled trial evaluating a produce prescription program among at-risk pediatric populations on obesity-related health outcomes. Poster presented at: American Public Health Association 2025 Annual Meeting and Expo;

- November 2025; Washington, DC.
6. **Chuang RJ**, Wang M, Jiang J, Garcia-Quintana A, Yamal J-M, Sharma SV. Association between food insecurity, nutrition insecurity, and dental caries prevalence, and oral health-related behaviors and factors among under-resourced children and families. Poster presented at: ISBNPA 2025 Annual Meeting; June 2025; Auckland, New Zealand.
  7. \*Senn M, Zieba A, Ranjit N, **Chuang RJ**, Cox J, French K, Pomeroy M, Gaminian A, Sharma S. Using the Veggie Meter® to objectively assess fruit and vegetable intake in preschool and elementary teachers in Houston, Texas. Poster presented at: ISBNPA 2025 Annual Meeting; June 2025; Auckland, New Zealand.
  8. Sharma SV, **Chuang RJ**, Perkison W, et al. Design, framework, and study measures of Brighter Bites, a cluster RCT to assess the impact of a nutrition intervention on cardiometabolic health outcomes among children living in a persistent poverty area of Texas, USA. Poster presented at: ISBNPA 2025 Annual Meeting; June 2025; Auckland, New Zealand.
  9. Walker TJ, Green S, Workman L, **Chuang RJ**, Padilla J, Craig D, McClam M, Lamont A, Wandersman A, Fernandez ME. Adapting the R=MC2 measure of organizational readiness for implementation in schools. Poster presented at: the 17th Annual Conference on the Science of Dissemination and Implementation in Health. Arlington, VA. December 9, 2024.
  10. **Chuang RJ**, Zieba A, Senn M, Ranjit N, Sharma S, Byrd-Williams C, Cox J, French K, Pomeroy M, Gaminian A. Oral Presentation: “Associations of nutrition security and self-reported mental health and chronic disease outcomes among elementary school teachers.” American Public Health Association 2024 Annual Meeting and Expo, Minneapolis, MN, October 2024.
  11. Crichlow K, **Chuang RJ**, Garcia-Quintana A, Mejia K, Harding O, Deason J, Wang M, Kelder SH, Yamal JM, Sharma S, Byrd-Williams C. Poster Presentation: “Using a human-centered design and tailored support to facilitate implementation success and ensure program fidelity: Lessons learned from the CATCH healthy smiles.” American Public Health Association 2024 Annual Meeting and Expo, Minneapolis, MN, October 2024.
  12. Garcia-Quintana A, Deason J, **Chuang RJ**, Mejia K, Crichlow K, Li Z, Wang M, Garner S, Johnson K, Byrd-Williams C, Kelder SH, Yamal JM, Sharma S. Poster Presentation: “Understanding participant mobility and equitable retention strategies for a theory-based oral health intervention among elementary school children: Insights from the CATCH healthy smiles cluster randomized controlled trial.” American Public Health Association 2024 Annual Meeting and Expo, Minneapolis, MN, October 2024.
  13. **Chuang RJ**, Guevara D, Bombase M, Sanchez M, Tang M, Mathur M, Hall M, Pomeroy M, Sharma SV Oral Presentation: “Development of a video-based cooking intervention and its preliminary impact on low-income participants’ self-efficacy in basic cooking skills.” ISBNPA 2024 Annual Meeting, Omaha, NE, May 2024.
  14. Sharma SV, **Chuang RJ**, Yamal JM, Kelder S, Johnson K, Byrd-Williams C. Oral Presentation: “School nutrition environment, household food security, child diet quality and dental caries among kindergarteners from low-income communities: Baseline data from CATCH Healthy Smiles cluster-RCT.” ISBNPA 2024 Annual Meeting, Omaha, NE, May 2024.
  15. Marshall A, Mathur M, **Chuang RJ**, Pomeroy M, Gaminian A, McKay S, Yeragi P, Prabhu V, Markham C, Sharma SV. Oral Presentation: “Process and Implementation Evaluation of the Brighter Bites/UT Physicians Produce Rx - a Community-Academic-Healthcare Partnership.” ISBNPA 2024 Annual Meeting, Omaha, NE, May 2024.
  16. \*Senn M, Tang M, Zieba A, **Chuang RJ**, Ranjit N, Byrd-Williams C, Perkison W, Cox J, French K, Pomeroy M, Gaminian A, Sharma SV. Oral Presentation: “Cross-sectional Associations of Food Insecurity with Mental Health and Cardiometabolic Health at Baseline among Elementary School Teachers.” ISBNPA 2024 Annual Meeting, Omaha, NE, May 2024.
  17. Mathur M, Marshall A, Markham C, **Chuang RJ**, Yeragi P, Prabhu V, McKay S, Pomeroy M, Gaminian A, Sharma SV. Oral Presentation: “Evaluating the impact of a produce prescription program among low-income overweight and obese children and their families.” ISBNPA 2024 Annual Meeting, Omaha, NE, May 2024.
  18. Parthasarathy N, Ranjit N, Markham C, **Chuang RJ**, Pomeroy M, Noyola J, Sharma SV. Oral Presentation: “Home food environment of low-income households with elementary-aged

- children in the United States before and during the COVID-19 pandemic – A serial cross-sectional analysis.” ISBNPA 2024 Annual Meeting, Omaha, NE, May 2024.
19. \*Senn M, Tang M, Zieba A, **Chuang RJ**, Perkison W, Ranjit N, Byrd-Williams C, Cox J, French K, Gaminian A, Pomeroy M, Sharma SV. Poster Presentation: “Design, Protocol and Baseline data of Nurturing Healthy Teachers, a cluster non-randomized controlled trial to improve the health, well-being, and food security of pre-kindergarten and school teachers.” ISBNPA 2024 Annual Meeting, Omaha, NE, May 2024.
  20. \*Fathimath Shamna F, Ernest DK, Chen J, **Chuang RJ**, Garner S, Johnson K, Kelder SH, Yamal JM, Sharma SV. “Exploring the paradox: Elevated dental needs in ethnically diverse children with healthy body mass index in Houston, Texas.” 2024 IADR/AADOCR/CADR General Session & Exhibition, New Orleans, LA, March 2024.
  21. **Chuang RJ**, Titiloye T, Crichlow K, Mofleh D, Johnson K, Garner S, Yamal JM, Byrd-Williams C, Kelder SH, and Sharma S. Oral Presentation: “Is weekly toothbrushing feasible in elementary schools? - a framework-driven approach from CATCH healthy smiles program.” American Public Health Association 2023 Annual Meeting and Expo, Atlanta, GA, November 2023
  22. Quintana AG, Titiloye T, Nasir A, Luong A, Moses C, Malle J, **Chuang RJ**, Kelder SH, Byrd-Williams C, Yamal JM, Garner S, Johnson K and Sharma S. Oral Presentation: “Theory-driven approach to develop engaging and culturally relevant outreach materials: The CATCH healthy smiles parent education videos.” American Public Health Association 2023 Annual Meeting and Expo, Atlanta, GA, November 2023
  23. Mathur M, Marshall A, Yeragi P, Prabhu V, Markham C, Preston A, Stark K, Pomeroy M, Gaminian A, McKay S, Hall M, **Chuang RJ**, Kow R, Tang M, and Sharma S. Oral Presentation: “Lessons learned from the field for a comparative effectiveness RCT assessing the impact of produce prescription on overweight and obese children and their families.” American Public Health Association 2023 Annual Meeting and Expo, Atlanta, GA, November 2023.
  24. \*Mofleh D, Almohamad M, Wang M, Ramphul R, Chen J, Deason J, Singh B, Johnson K, Garner S, **Chuang RJ**, Yamal JM, Byrd-Williams C, Kelder SH, and Sharma S. Poster Presentation: “Association between census-tract level air pollutants and oral health among elementary children in Houston Texas.” American Public Health Association 2023 Annual Meeting and Expo, Atlanta, GA, November 2023.
  25. \*Titiloye T, **Chuang RJ**, Mofleh D, Singh B, Wang M, Deason J, Chen J, Crichlow K, Luna Meza C, Mejia K, Ernest D, Yamal JM, Johnson K, Garner S, Byrd-Williams C, Kelder S, Sharma S. Poster Presentation: “Using an equity approach to recruit from a diverse, low-income population for a longitudinal school-based oral health study.” American Public Health Association 2023 Annual Meeting and Expo, Atlanta, GA, November 2023.
  26. Marshall A, Mathur M, Yeragi P, Prabhu V, Markham C, Preston A, Stark K, Pomeroy M, Gaminian A, McKay S, Hall M, Tang M, Sharma S, and **Chuang RJ**. Poster Presentation: “Design and recruitment strategies of a comparative effectiveness randomized control trial to evaluate the impact of produce prescription program strategies among low-income overweight and obese children and their families.” American Public Health Association 2023 Annual Meeting and Expo, Atlanta, GA, November 2023.
  27. Sharma S, **Chuang RJ**, Johnson K, Yamal JM, Kelder S, Byrd-Williams C, Mofleh D. Poster Presentation: “CATCH Healthy Smiles randomized controlled trial for oral health promotion in elementary school children.” American Public Health Association 2022 Annual Meeting and Expo, Boston, MA, November 2022.
  28. **Chuang RJ**, Noyola J, Pomeroy M, Hearne K, Markham C, Sharma S. (May2022) Using process evaluation and booster strategies for implementation success of school-based nutrition education and physical activity programs: The Brighter Bites Approach. (Oral presentation) ISBNPA 2022 Annual meeting, Phoenix, AZ. (*This presentation was selected to be among the top three oral presentations of the Implementation and Scalability Special Interest Group for ISBNPA and was invited for a special presentation during the SIG meeting*).
  29. Marshall A, **Chuang RJ**, Chow J, Markham C, Sharma SV. Virtual Oral Presentation: “Food insecurity among participants in a school-based nutrition intervention and changes over time.” American Public Health Association 2020 Annual Meeting and Expo, Virtual, October 24-28

2020.

30. **Chuang RJ.**, Sharma SV., Narendran B., Danho M., Byrd-Williams C., Hoelscher D. Poster Presentation: “Sociodemographic and behavioral differences in food security among low-income, urban pregnant women.” American Public Health Association 2019 Annual Meeting and Expo, Philadelphia, PA, November 2019.
31. **Chuang RJ.**, Sharma SV. Mincemoyer, C., Cox, J. Poster Presentation: “A pilot randomized controlled trial of the web-based Create Healthy Futures program to improve dietary habits among Early Care and Education professionals.” ISBNPA 2019 Annual Meeting. Prague, Czech Republic. June 2019.
32. **Chuang RJ.** & Sharma SV. Oral presentation: “An Early Care and Education Professional's Impact: Nourish Yourself and Create Healthy Futures” - A Pilot Program". American Public Health Association 2018 Annual Meeting and Expo, San Diego, CA, November 2018.
33. **Chuang RJ.**, Sharma SV., Danho M., Bounds, GW. Poster Presentation: “Pregnant Women’s Intention to Breastfeed and their Breastfeeding Practice after Delivery - Healthy Eating Active Living (HEAL) Program. American Public Health Association 2018 Annual Meeting and Expo, San Diego, CA, November 2018.
34. **Chuang RJ.** & Sharma SV. Oral presentation: “Characteristics of Low-Income, Urban Pregnant Women with Food Insecurity: Healthy Eating Active Living Program.” American Public Health Association 2017 Annual Meeting and Expo, Atlanta, GA, November 2017.
35. \*Durrani,S., Frelier, J., Bounds, GW., **Chuang RJ.**, Sharma SV. Poster Presentation: “Impact of the Healthy Eating Active Living (HEAL) Intervention on Breastfeeding Outcomes among Low-Income African American Mothers.” American Public Health Association 2017 Annual Meeting and Expo, Atlanta, GA, November 2017.
36. Byrd-Williams C., Sharma S., Chuang R., Dooley E., Butte N., Hoelscher D. Poster presentation: “Nutrition and Physical Activity in Head Start Centers: Differences in teacher and director perceptions of best practices and barriers from the TX CORD Study.” International Society for Behavioral Nutrition and Physical Activity (ISBNPA); Victoria, Canada, July 7-10, 2017.
37. **Chuang RJ.**, Sharma SV., Bounds GW., Spencer AM. Oral presentation: “Changes in Fruits and Vegetables Availability and Consumption among Low-income Pregnant Women: Healthy Eating Active Living.” The 38th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, San Diego, CA, March 29-April 1, 2017.
38. **Chuang RJ.**, Sharma SV., Byrd-Williams C., Bounds GW., Spencer AM., Durrani S., Danho M., Hoelscher DM., Nader PR. Poster presentation: “Healthy Eating Active Living: Pilot Study of a Multi-Component Community-Based Program among Lower-Income Pregnant Women.” The 38th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, San Diego, CA, March 29-April 1, 2017.
39. Sharma SV., **Chuang RJ.**, Byrd-Williams C., Nader P., Bounds GW., Hoelscher DM. Oral presentation: “A Pilot Study of a Multi-Component Community-Based Program on Fruit and Vegetable Availability and Daily Consumption, Physical Activity, and Breastfeeding Intention among Lower-Income Pregnant Women in Houston Texas: The Healthy Eating Active Living (HEAL) Program.” The Southern Obesity Summit 2016, Houston, TX, November 2016.
40. **Chuang RJ.**, Sharma SV., Byrd-Williams C., Vandewater EA., Kelder SH., Butte NF., Hoelscher DM. Poster presentation: “Does implementation of the CATCH Early Childhood program help increasing communications between teacher, parent and child around healthy eating and physical activity? The TX CORD Study.” American Public Health Association 2016 Annual Meeting and Expo, Denver, CO, October 2016.
41. Bounds GW., Spencer AM., **Chuang RJ.**, Sharma SV. Poster Presentation: “Perceived food security as a predictor of infant feeding intentions in a sample of low-income, urban pregnant women.” American Public Health Association 2016 Annual Meeting and Expo, Denver, CO, October 2016.
42. Sharma SV., **Chuang RJ.**, Byrd-Williams C., Nader P., Bounds GW., Hoelscher DM. Poster presentation: “A Pilot Study of a Multi-Component, Community-Based Program among Medicaid-eligible Pregnant Women in Houston, Texas.” The Obesity Society 2016 Annual Meeting, New Orleans, LA, October 2016.

43. **Chuang RJ.**, Sharma SV., Byrd-Williams C., Vandewater EA., Kelder SH., Butte NF., Hoelscher DM. Poster presentation: "Evaluation of the CATCH Early Childhood Program Implementation in Head Start Children in Texas: The TX CORD Study." The Obesity Society 2015 Annual Meeting, Los Angeles, CA, November 2015.
44. Sharma SV., Byrd-Williams C., Vandewater EA., **Chuang RJ.**, Kelder SH., Butte NF., Hoelscher DM. Oral presentation: "Evaluation of the CATCH Early Childhood program for obesity prevention among preschoolers in Texas: The TX CORD study." The Obesity Society 2015 Annual Meeting, Los Angeles, CA, November 2015.
45. Byrd-Williams C., Sharma SV., Vandewater EA., Kelder SH., **Chuang RJ.**, Butte NF., Hoelscher DM. Poster presentation: "Head Start teachers' perceptions of barriers to obesity prevention programs." The Obesity Society 2015 Annual Meeting, Los Angeles, CA, November 2015.
46. **Chuang RJ.**, & Sharma SV. Poster presentation: "The Effectiveness of CATCH Early Childhood, a preschool-based intervention, to Increase Moderate-to-Vigorous Physical Activity among Preschoolers from Low-Income Hispanic and African-American Populations." Annual meeting, International Society of Behavior, Nutrition and Physical Activity (ISBNPA), San Diego, CA, May 2014.
47. **Chuang RJ.**, & Sharma SV. Poster presentation: "Process Evaluation of the Physical Education (PE) Component in the CATCH Early Childhood Program among Teachers of Preschoolers from Low-income Populations Enrolled in Harris County Department of Education Head Start." Annual meeting, International Society of Behavior, Nutrition and Physical Activity (ISBNPA), San Diego, CA, May 2014.
48. Shreela Sharma SV., Rashid T., **Chuang RJ.**, Sweitzer S., Byrd-Williams C., Ranjit N., Roberts-Gray C., Briley M., & Hoelscher D. Poster presentation: "Effect of 'Lunch is in the Bag' program on communication between parents, children and the child care centers around fruits, vegetables and whole grains." Annual meeting, International Society of Behavior, Nutrition and Physical Activity (ISBNPA), San Diego, CA, May 2014.
49. Sharma SV., **Chuang RJ.**, Skala K. Oral Presentation: "Results of pilot testing CATCH Early Childhood in Head Start preschoolers in Texas." Annual meeting, International Society of Behavior, Nutrition and Physical Activity (ISBNPA), Austin, TX, May 2012.
50. Skala, K., Sharma SV., Evans AE., Chuang, R.J., Hedberg AH., Dave J. Poster presentation: "Ethnic differences in the home food environment and parental food practices among families of low-income Hispanic and African American preschoolers." Annual meeting, International Society of Behavior, Nutrition and Physical Activity (ISBNPA). Austin, TX, May 2012.
51. Sharma SV., Hedberg AM., **Chuang RJ.**, Lewis T, & Skala K. Poster presentation: "Feasibility and Acceptability of a Gardening-Based Nutrition Education Program in Preschoolers for Low-Income, Minority Populations." Annual meeting, International Society of Behavior, Nutrition and Physical Activity (ISBNPA), Austin, TX, May 2012.
52. Byrd-Williams C., Sharma SV., Evans AE., **Chuang RJ.**, Hedberg AM. Poster presentation: "Differences in obesity-related behaviors & the home environment in African American & Hispanic preschoolers in Texas Head Start Centers." Annual Meeting, The Obesity Society, Orlando, FL, October 2011.
53. **Chuang RJ.**, Sharma SV. Poster presentation: "Parental practice of behaviors and television viewing and active play among preschoolers in low-income families." Annual meeting, International Society of Behavior, Nutrition and Physical Activity (ISBNPA). Minneapolis, MN, June 2010.
54. Hu SC., **Chuang RJ.**, Huang IC., Lin SJ. Oral Presentation: "Factors and Considerations in the Decision-Making Process to Genetic Testing of Newly Married Couple in Tainan." International Conference of Bioethical Issues in Genetic Counseling and Education. Jan14, 2005. Tainan, Taiwan. [Chinese]
55. Hu SC., **Chuang RJ.**, Huang IC., Lin SJ. Oral Presentation: "Demographic factors and the concepts of autonomy, privacy, and doctor-patient relationships in genetic testing of newly married couples in Tainan, Taiwan." International conference on communication in healthcare. Sep 14-17, 2004. Bruges, Belgium.

56. **Chuang RJ.**, Hu SC., Huang IC., Lin SJ. Poster Presentation: “Pressure of pregnancy and attitude toward reproductive technologies of newly married couple in Tainan, Taiwan.” International conference on communication in healthcare. Sep 14-17, 2004. Bruges, Belgium.
57. Hu SC., **Chuang RJ.**, Wang YW., Huang IC., Lin SJ. Oral Presentation: “Attitude toward Genetic Testing between Health Care Providers and Consumers.” International conference of Live Ethics. June 24-26, 2004. Taipei, Taiwan. [Chinese]
58. **Chuang RJ.**, Hu SC., Huang IC., Lin SJ. Oral presentation: “The Usage of Premarital Medical Examination and the Understanding of Genetic Knowledge of Newly Married Couples in Tung and An-nan Districts in Tainan.” Taiwan Public Health Association 2003 Annual Meeting and Exposition. Oct 25-26, 2003. Taipei, Taiwan. [Chinese]
59. **Chuang RJ.**, Hu SC., et al. Oral presentation: “Effects of Health Fitness Test and Tailored Exercise Advice to the Change of Exercise Behavior in An-Nan District.” Taiwan Public Health Association 2002 Annual Meeting and Exposition. Oct 12-13, 2002. Taipei, Taiwan. [Chinese]
60. Wu KL., Wu CH., **Chuang RJ.**, Huang NC., Hu SC., Chang CJ. “The Study of Life Style and Body Fat Percentage Change in the Community of An-Nan District. Taiwan Medical Association for the Study of Obesity 2001 Annual Meeting and Exposition.” Dec, 2001. Taipei, Taiwan. [Chinese]
61. **Chuang RJ.**, Huang SR., Lin PS., Liu WL. Poster Presentation: “Fear-of-Falling as a Factor to Falling among Elderly People in the Community in Xinzhuang District, Taiwan.” Taiwan Public Health Association 1999 Annual Meeting and Exposition. Oct 9, 1999. Taipei, Taiwan. [Chinese]

#### E. Other Publications:

##### a. Books Edited in Chief:

- Guide to a Healthy Life for New Married Couples [Chinese] ISBN: 957-8845-93-6**, which contents five books in a series. <https://gpi.culture.tw/books/1009401766>:  
 Health Behaviors [Chinese] ISBN: 957-8845-91-X  
 Pregnancy and Contraception. [Chinese] ISBN: 957-8845-82-0  
 Genetic Disorders.[Chinese] ISBN: 957-8845-83-9  
 Family Communication and Future Planning [Chinese] ISBN: 957-8845-90-1  
 Common Disorders and Self Care. [Chinese] ISBN: 957-8845-92-8

#### Journal Reviewer

- 2014 - Present** Preventing Chronic Disease  
**2019 - Present** Health Education & Behavior  
**2021 - Present** BMC Nutrition  
**2023 - Present** Children & Society  
**2023 - Present** PLOS ONE  
**2024 - Present** American Journal of Preventive Medicine  
**2024 - Present** Frontiers in Nutrition

#### Abstract Reviewer

- 2014 - Present** Annual CERC Health Disparities Institute, The Caribbean Exploratory (NIMHD) Research Center of Excellence (CERC) within the School of Nursing at the University of the Virgin Islands  
**2018 - Present** American Public Health Association Annual Meeting and Expo, Food and Nutrition Program.  
**2019 - Present** Society of Behavioral Medicine's Annual Meeting & Scientific Sessions, Diet, Nutrition, and Eating Disorders Topic Area  
**2023 - Present** American Public Health Association Annual Meeting and Expo, Oral Health Program.

#### Awards Received

##### November 2015

- The Obesity Society, Obesity & Cancer (O&C) Section. Third Prize in the Early Career Investigator Category, sponsored by the American Institute for Cancer Research (AICR)**  
 Publication: Evaluation of the CATCH Early Childhood Program Implementation in Head Start



Children in Texas: The TX CORD study

**June 2000**

**The Research Creativity Award from the National Science Council for Undergraduate Student**

Project: Fear-of-Falling as a Factor to Falling among Elderly People in the Community.

<b>Advising and Mentoring</b>		
<b>Doctoral Students</b>	<b>Role</b>	<b>Year of graduation</b>
Wafa Duhaim, DrPH	Dissertation Committee Member	2021
Brittini Naylor, PhD	Dissertation Committee Member	2021
Nivedhitha Parthasarathy, PhD	Dissertation Committee Member	2024
Qi Xue, DrPH	Dissertation Committee Member	TBD
<b>MPH Students</b>	<b>Role</b>	<b>Year of graduation</b>
Cameron Nelson	Advisor	TBD
Sanam Sharafkhaneh	Advisor	TBD
<b>The Sharma Fellowship Awardees</b>		
	<b>Role</b>	<b>Year of award</b>
Melinda Rushing, PhD student	Fellowship Advisor	2018
Jennifer Aiyer, PhD student	Fellowship Advisor	2018
Brittini Naylor, PhD student	Fellowship Advisor	2019
Fangyu Li, PhD student	Fellowship Advisor	2020
Nivedhitha Parthasarathy, PhD student	Fellowship Advisor	2021
Victoria Kwentua, PhD student	Fellowship Advisor	2021
Fangyu Li, PhD student	Fellowship Advisor	2022
Heather Jones, MPH student	Fellowship Advisor	2023
Iheyinwa Odum-Nwabueze, MPH student	Fellowship Advisor	2023
Qi Xue, DrPH Student	Fellowship Advisor	2023
Rebecca Gyawu, PhD student	Fellowship Advisor	2024
Zihang Yang, PhD student	Fellowship Advisor	2025

### **Teaching Assistant Experience**

<b>2009</b>	PH1498 Behavioral Journalism
<b>2009</b>	PH 1110 Social and Behavioral Aspects of Community Health
<b>2001 – 2002</b>	Public Health (Undergraduate course)