

# CURRICULUM VITAE

KAYLA DE LA HAYE

DECEMBER 2023

## **PERSONAL INFORMATION:**

### **Work**

University of Southern California  
Center for Economic & Social Research  
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## **EDUCATION AND PROFESSIONAL APPOINTMENTS**

### **EDUCATION:**

2011 *Doctor of Philosophy (Psychology), University of Adelaide, Adelaide, Australia*  
2006 *Bachelor of Health Science, Hons (Psychology), University of Adelaide, Adelaide, Australia*  
2004 *Bachelor of Arts (Psychology, Anthropology), University of Adelaide, Adelaide, Australia*  
1998 *Bilingual High School Diploma, Lacombe Composite High School, Lacombe, Canada*

### **ACADEMIC APPOINTMENTS:**

2023-current	Research Scientist	Center for Economic and Social Research, University of Southern California, Los Angeles, USA
2023-current	Director, Research Development	Southern California Clinical and Translational Science Institute, University of Southern California, Los Angeles, USA
2021-2023	Associate Professor (with tenure)	Department of Population and Public Health Sciences, University of Southern California, Los Angeles, USA
2019-2023	Co-Director, Research Development	Southern California Clinical and Translational Science Institute, University of Southern California, Los Angeles, USA
2014-2021	Assistant Professor (tenure-track)	Department of Preventive Medicine, University of Southern California, Los Angeles, USA
2010-2014	Associate Behavioral / Social Scientist	RAND Corporation, Santa Monica, USA
2013	Investigator (Intergovernmental Personnel Act)	National Human Genome Research Institute, National Institutes of Health, Bethesda, USA
2009-2010	Research Assistant	School of Medicine, Flinders University, Adelaide, Australia
2005-2007	Research Assistant	New Focus Research, Adelaide, Australia
2007-2009	Research Assistant	CSIRO Food and Nutritional Sciences, Adelaide, Australia

## **HONORS, AWARDS:**

2021	Selected Fellow	Society for Behavioral Medicine Mid-Career Leadership Institute
2019	Faculty Mentorship Award	Health Behavior Research Student Association, Department of Preventive Medicine, University of Southern California
2018	Freeman Award	International Network for Social Network Analysis (INSNA); bi-annual award for early-career scholarship
2014	Finalist (Top 3) J. Black Early Career Research Award	American Academy of Health Behavior
2013	Brook Scholar Award	RAND Corporation, Santa Monica, USA
2011	Excellent Higher Degree Thesis in Health Psychology (1st Place)	Australian Psychological Society
2011	Doctoral Research Medal	University of Adelaide, Adelaide, Australia
2011	Franz Dalziel Prize for Thesis in Psychology	University of Adelaide, Adelaide, Australia
2007-2010	CSIRO Preventative Health Flagship Scholarship (AUD \$21,000)	Australia's Commonwealth Scientific and Industrial Research Organisation (CSIRO), Australia
2007-2009	Australian Postgraduate Award (AUD\$ 73,500)	Australian Government, Australia

## **TEACHING**

### **Didactic Teaching:**

#### **University of Southern California (USC)**

2023 (Fall)	Food, Health and Place (SSI175gw)	4 unites/60 hrs	Primary instructor
2021 (Fall)	Foundations in Health Education and Promotion (PM 501)	4 units/60 hrs	Primary instructor
2020 (Fall)	Foundations in Health Education and Promotion (PM 501)	4 units/60 hrs	Primary instructor
2020 (Spring)	Social Network Analysis (PM 542)	1 hour	Guest lecture
2019 (Fall)	Foundations in Health Education and Promotion (PM 501)	4 units/60 hrs	Primary instructor
2019 (Spring)	Social Network Analysis (PM 542)	1 hour	Guest lecture
2018 (Fall)	Foundations in Health Education and Promotion (PM 501)	4 units/60 hrs	Primary instructor
2017 (Fall)	Foundations in Health Education and Promotion (PM 501)	4 units/60 hrs	Primary instructor
2017 (Summer)	Responsible Conduct of Research (INTD 500)	10 hrs	Mentor
2016 (Fall)	Foundations in Health Education and Promotion (PM 501)	4 units/60 hrs	Primary instructor
2016 (Spring)	Behavior and Education Strategies for Nutrition and Fitness (HP430)	1 hour	Guest lecture
2016 (Spring)	Introduction to Health Promotion and Disease Prevention (HP 200)	1 hour	Guest lecture

2015 (Fall)	Foundations in Health Education and Promotion (PM 501)	4 units/60 hrs	Primary instructor
2015 (Spring)	Social Network Analysis (PM 542)	1 hour	Guest lecture
2015 (Spring)	Foundations in Health Education and Promotion (PM 501)	4 units/60 hrs	Primary instructor
2014 (Fall)	Theory in Health Behavior (PM601)	1 hour	Guest lecture

### **University of Alabama at Birmingham**

2017 (Summer)	4th Short Course: The Mathematical Sciences in Obesity	2 hours	Guest lecture
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### **Online Courses**

2022	Social Network Analysis for mHealth, mHealth Training Institute	Online	Instructor
2016	Coursera: "Systems Science and Obesity" ( <a href="#">Link</a> ) (15,000 active learners, 924 completers)	Online	Instructor, course co-developer

## **UNDERGRADUATE, GRADUATE AND MEDICAL STUDENT (OR OTHER) MENTORSHIP:**

### **Graduate (Doctoral / Masters)**

2022-current	Natasha Wasim	PhD Student Research Assistant	Community Food Systems
2023-current	Priya Ranganath	Masters Student Research Assistant (Public Policy)	Community Food Systems
2022-2023	Cynthia Ramirez	PhD Student Research Assistant	Food Access in LA's Eastside
2021-2023	Leo Lerner	PhD Student Research Assistant	Food Access in LA's Eastside
2021	Sarah Piombo	PhD Student Research Assistant	Food Insecurity During COVID-19
2021-current	Mengya Xu	PhD Student Research Assistant	Food Insecurity During COVID-19/ Community Food Systems
2021-2023	Michelle Livings	PhD Student Research Assistant	Food Insecurity During COVID-19/ Community Food Systems
2020-2021	Nicole Karpowicz	Master of Public Health student (Biostatistics)	COVID-19: Stay Connected L.A.
2020-2021	Brooke Bell	PhD Student Research Assistant	Food Insecurity During COVID-19; Food Environments and Mobility
2020-2021	12 students	Master of Public Health student	Faculty Mentoring Program
2020	Bibiana Martinez	PhD Student Research Assistant	Food Insecurity During COVID-19
2019-2020	12 students	Master of Public Health student	Faculty Mentoring Program
2018-2023	Sydney Miller	PhD Student Research Assistant	Child Obesity Prevention at Home; Food Insecurity During COVID-19
2018-2020	George Vega Yon	PhD Student Research Assistant	Network Science of Teams
2018-2019	Ammarah Shaikh	Master of Public Health practicum trainee	Child Obesity Prevention at Home

2018-2019	15 students	Master of Public Health student	Faculty Mentoring Program
2018	Brooke Bell	PhD Student Research Assistant	Monitoring & Modeling Family Eating
2018-2019	Priscilla Ring	Master of Occupational Therapy: directed research	Child Obesity Prevention at Home
2017-2018	15 students	Master of Public Health student	Faculty Mentoring Program
2016	Mikel Brown	Master of Public Health practicum trainee	Network Science of Teams
2016	Naomi Abella	Master of Public Health practicum trainee	Network Science of Teams
2016	Daniel Chu	PhD Student Research Assistant	Child Obesity Prevention at Home
2016	Heesung Shin	PhD Student Research Assistant	Diffusion of Tobacco in Peer Networks
2016	18 students	Master of Public Health student	Faculty Mentoring Program

### **Undergraduate**

2023	Ariene Smith	HP490 Directed Research	Community Food Systems
2022	Shania Wang	HP490 Directed Research	Child Obesity Prevention at Home
2022	Marilyn Perez	Volunteer Research Assistant	Food Access in LA's Eastside
2021-2022	Angela Zhang	Volunteer Research Assistant	Community Food Systems
2021	Eduardo Lopez	HP490 Directed Research	Food Insecurity during COVID-19
2021	Maansi Solanky	Volunteer Research Assistant	Food Insecurity during COVID-19
2021	Zoe Mele	Volunteer Research Assistant	Child Obesity Prevention at Home
2020	Ariel Eikenmeyer	HP490 Directed Research	Food Insecurity during COVID-19
2020	Omer Zaffer	HP490 Directed Research	Modeling Food Environments
2019-2020	Priya Kumar	HP490 Directed Research	Child Obesity Prevention at Home
2019-2020	Gina Huh	HP490 Directed Research	Child Obesity Prevention at Home
2019	Jack Ralston	HP490 Directed Research	Modeling Food Environments
2018	Rohan Martin	HP490 Directed Research	Child Obesity Prevention at Home
2018-2019	Stacey Lau	HP490 Directed Research	Child Obesity Prevention at Home
2018	Payton Timmeney	HP490 Directed Research	Network Science of Teams
2018	Karoline Schenosky	HP490 Directed Research	Network Science of Teams
2018	Carrie Scherder	HP490 Directed Research	Network Science of Teams
2017	Neda Salami	HP490 Directed Research	Network Science of Teams
2017	Carrie Scherder	HP490 Directed Research	Network Science of Teams
2016-2017	Kacie Klein	HP490 Directed Research	Network Science of Teams
2016	Taylor Harris	HP490 Directed Research	Network Science of Teams
2016	Jacqueline Anderson	HP490 Directed Research	Child Obesity Prevention at Home
2016	Amos Adeleke	HP490 Directed Research	Network Science of Teams
2015-2016	Aisha Vaiyani	HP490 Directed Research	Child Obesity Prevention at Home

## **GRADUATE STUDENT THESIS, EXAM AND DISSERTATION COMMITTEES:**

2022-current	Natasha Wasim	PhD Committee Chair	USC Dept. Pop. & Public Health Sci.
2023-current	Jose Scott	PhD Dissertation Committee	USC Sol Price School of Public Policy
2021-current	Mengya Xu	PhD Committee Co-Chair	USC Spatial Sciences Institute
2021-current	Jaqueline Kent-Maverick	PhD Dissertation Committee	University of Utah
2021-2023	Nina van den Broek	PhD Dissertation Committee	Radboud University (Netherlands)
2020-2021	Hailey Hampson	PhD Committee Chair	USC Dept. Pop. & Public Health Sci.
2019-2020	Alana Shine	PhD Dissertation Committee	USC Viterbi School of Engineering
2019	Han Ching	PhD Dissertation Committee	USC Viterbi School of Engineering
2018-2023	Sydney Miller	PhD Committee Chair	USC Dept. Pop. & Public Health Sci.
2018-2023	Ian Kim	PhD Dissertation Committee	USC Dept. of Preventive Medicine
2018-2020	George Vega Yon	PhD Dissertation Committee	USC Dept. of Preventive Medicine
2018-current	Daniel Chu	PhD Dissertation Committee	USC Dept. of Preventive Medicine
2018-2019	Trevor Pickering	PhD Dissertation Committee	USC Dept. of Preventive Medicine
2018-2019	Suneal Kolluri	PhD Dissertation Committee	USC Rossier School of Education
2018	Jodie Stearns	PhD Defense Committee	University of Alberta (Canada)
2016-2018	Xin-Zeng Wu	PhD Dissertation Committee	USC Dept. of Physics & Astronomy
2016-2021	Brooke Bell	PhD Committee Co-Chair	USC Dept. of Preventive Medicine
2015-2018	Jaimie McGlashan	PhD Dissertation Committee	Deakin University (Australia)
2013-2016	Jennifer Marks	PhD Dissertation Committee	Deakin University (Australia)

## **POSTGRADUATE MENTORSHIP:**

2023-current	Katherine Baker	Sustainability Postdoctoral Fellow, USC
2019-2021	Abigail Horn	T32 Postdoctoral Fellow, USC
2015-2018	Jennifer Labrecque	Postdoctoral Research Associate, USC

## **SERVICE**

### **USC DEPARTMENT SERVICE:**

2021-2022	Member, Faculty search committee (data science)	USC Dept. Pop. & Public Health Sci.
2020-2022	Member, USC Student Health & COVID Pandemic Research Center Scientific Working Group	USC Dept. Pop. & Public Health Sci.
2020-2021	Preventive Medicine Data Sciences Working Group	USC Dept. Pop. & Public Health Sci.
2020-current	Member, COVID Pandemic Research Center	USC Dept. Pop. & Public Health Sci.
2020-2022	Member, Faculty search committee (biostats)	USC Dept. Pop. & Public Health Sci.
2018-current	Co-Director, Center for Applied Network Analysis	USC Dept. Pop. & Public Health Sci.
2018-current	Member, Master of Public Health selection committee	USC Dept. Pop. & Public Health Sci.
2015-current	Member, Post-doctoral search committee	USC Dept. Pop. & Public Health Sci.

**USC SCHOOL SERVICE:**

2020-2021	Member, Dean's COVID-19 Task Force	USC Keck School of Medicine
2020-2021	Member, Cancer Disparities and Community Outreach and Engagement Strategic Planning Committee	USC Norris Comprehensive Cancer Center
2018	Panelist, Team Science Symposium	USC Keck School of Medicine
2018	Panelist, HSC Diversity Task Force Seminar: The Roads of Phenomenal Women	USC Keck School of Medicine
2018	Panelist, "Developing independent academic research in an era of team and convergent science" symposium	Children's Hospital Los Angeles
2017	Junior Faculty representative, Liaison Committee on Medical Education (LCME) Accreditation Survey Visit	USC Keck School of Medicine
2017	Member, Research Program Development Committee (Obesity, Diabetes, Liver and Metabolic Disease)	USC Keck School of Medicine

**PROFESSIONAL SERVICE:**

2021-2022	Consultant	Home Visiting Applied Research Collaborative (HARC)
2021-current	Advisory Committee member	Catalyzing Communities: A ChildObesity 180 Initiative
2020	Invited Expert, meeting to plan the National Science Foundation's "Human Networks and Data Science" program	National Academies of Sciences, Engineering, and Medicine, USA
2019-2021	Organizing Committee Member, Program Committee Chair	Networks 2021: A Joint Conference of Sunbelt and NetSci
2019	Freeman Award Committee Chair	International Network for Social Network Analysis
2019	Program Committee Chair	International Conference on Computational Social Science (IC2S2)
2018	Lead Organizer, Food Complexity & Nutrition Workshop	Network Science Institute, Barabasi Lab, Northeastern University, Boston, USA
2017	Invited Contributor, Army Research Office Network Science Strategy Planning Meeting	U.S. Army Research Laboratory
2016	Lead Organizer, INSNA Annual "Sunbelt" Conference	International Network for Social Network Analysis (INSNA)
2014	Invited Contributor, Army Research Office Network Science Strategy Planning Meeting	U.S. Army Research Laboratory

**PROFESSIONAL SOCIETY MEMBERSHIPS:**

2022-current	American Public Health Association
2018-current	Network Science Society
2017-current	Society for Behavioral Medicine
2015-2016	International Society of Behavioral Nutrition and Physical Activity
2013-current	American Academy of Health Behavior (Full Member)
2010-2015	American Psychological Association, Division 8 (Society for Personality and Social Psychology)

2010-2015 *American Psychological Association, Division 38 (Health psychology)*  
 2008-current *International Network for Social Network Analysis*  
 2005-current *Golden Key International Honor Society*

**UNIVERSITY RESEARCH CENTER MEMBERSHIPS:**

2023-current *USC Institute for Food System Equity (Director)*  
 2020-current *USC Dornsife Spatial Sciences Institute (adjunct faculty member)*  
 2018-current *USC Center for Artificial Intelligence in Society (faculty member)*  
 2016-current *USC Community Scholars Collaborative on Health Equity Solutions (faculty member)*  
 2015-current *USC Norris Comprehensive Cancer Center (full member)*  
 2015-current *USC Diabetes and Obesity Research Institute (faculty member)*  
 2014-current *USC Center for Applied Network Analysis*  
 2015-2023 *USC mHealth Collaboratory (faculty member, steering committee member)*  
 2014-2023 *USC Institute for Health Promotion and Disease Prevention (faculty member)*

**COMMUNITY SERVICE:**

2021	Judge	<i>Open Data Hackathon on Food Insecurity</i>	<i>City of Los Angeles, Mayor's Office, Los Angeles, USA</i>
2013-2019	Judge	<i>Interdisciplinary Contest in Modeling</i>	<i>Consortium for Mathematics &amp; Its Applications (COMAP), Boston, USA</i>

**MAJOR LEADERSHIP POSITIONS:**

2023-current	<i>Vice President</i>	<i>International Network for Social Network Analysis</i>
2021-current	<i>Technical Advisor</i>	<i>County of Los Angeles Food Equity Roundtable</i>
2019-2022	<i>Treasurer, Executive Committee</i>	<i>International Network for Social Network Analysis</i>
2016-2019	<i>Board of Directors</i>	<i>International Network for Social Network Analysis</i>

**RESEARCH AND SCHOLARSHIP**

**EDITORSHIPS AND EDITORIAL BOARDS:**

2018-2021	<i>Section Editor, Techno-Social Smart Systems</i>	<i>Future Internet</i>
2016-current	<i>Subject Editor, Health and Social Psychology</i>	<i>Connections</i>
2013-2015	<i>Consulting Editor</i>	<i>Journal of Research on Adolescence</i>
2013-2015	<i>Consulting Editor</i>	<i>Connections</i>

**MANUSCRIPT REVIEW:**

*Ad Hoc*  
 2011-present  
*American Journal of Preventive Medicine*  
*American Journal of Public Health*  
*Appetite*  
*BMC Obesity*  
*BMC Public Health*  
*BMJ Open*  
*British Food Journal*  
*British Medical Journal*  
*Canadian Journal of Agricultural Economics*

*Child Development*  
*Child Maltreatment*  
*Childhood Obesity*  
*Computational & Mathematical Organization Theory*  
*Connections*  
*Contemporary Clinical Trials*  
*Developmental Psychology*  
*EPJ Data Science*  
*Evaluation in the Health Professions*  
*Health Education & Behavior*  
*Health Psychology*  
*Heliyon*  
*International Journal of Behavioral Development*  
*International Journal of Behavioral Medicine*  
*International Journal of Behavioral Nutrition and Physical Activity*  
*Journal of Adolescence*  
*Journal of Adolescent Health*  
*Journal of Behavioral Medicine*  
*Journal of Child Psychology & Psychiatry*  
*Journal of Children and Poverty*  
*Journal of Clinical Epidemiology*  
*Journal of Epidemiology & Community Health*  
*Journal of Health and Social Behavior*  
*Journal of Medical Internet Research*  
*Journal of Obesity*  
*Journal of Public Health*  
*Journal of Research on Adolescence*  
*Journal of Social & Clinical Psychology*  
*Journal of Social Structure*  
*Journal of Studies on Alcohol & Drugs*  
*Medicine & Science in Sports & Exercise*  
*Network Science*  
*Nicotine & Tobacco Research*  
*Nutrients*  
*Nutrition Reviews*  
*Obesity*  
*Obesity Reviews*  
*Pediatric Obesity*  
*Pediatrics*  
*PLOS One*  
*Prevention Science*  
*Research Quarterly for Exercise and Sport*  
*Social Networks*  
*Social Psychology Quarterly*  
*Social Science & Medicine*  
*Sociological Methods & Research*  
*Sociology of Health and Illness*  
*Transactions in GIS*

**GRANT REVIEWS:**

2023	Reviewer	<i>Civic Innovation Challenge NSF 22-565, National Science Foundation</i>
2022	Reviewer	<i>Smart and Connected Health program, National Science Foundation</i>
2022	Reviewer	<i>USC SC CSTI Pilot Program</i>
2020-2022	Reviewer	<i>Special Emphasis Panel for RFA HL-20-029, National Heart, Lung, and Blood Institute, National Institutes of Health, USA</i>

2020-2022	Reviewer	USC Keck School of Medicine Dean's Pilot Funding Program
2020-2023	Reviewer	Human Networks and Data Science program, National Science Foundation
2020	Reviewer	USC Keck School of Medicine COVID-19 Research Fund
2020	Reviewer	Special Emphasis Panel, National Institute on Minority Health and Health Disparities, National Institutes of Health, USA
2019	Reviewer	Netherlands Organisation for Scientific Research, Netherlands
2018	Reviewer	USC Keck School of Medicine Dean's Pilot Funding Program
2018	Reviewer	Cancer Research UK, United Kingdom
2017	Reviewer	Cure Kids, Auckland, New Zealand
2017	Reviewer	Netherlands Organisation for Scientific Research, Netherlands
2017	Reviewer	Indiana Alzheimer Disease Center, Indiana University, USA
2016	Reviewer	Medical Research Council, United Kingdom
2016	Ad hoc reviewer	Social Psychology, Personality and Interpersonal Processes (SPIP) Study Section, National Institutes of Health, USA
2014	Reviewer	Army Research Office, USA
2013	Ad hoc reviewer	National Science Foundation, USA
2012	Reviewer	Health Research Council of New Zealand, New Zealand

## MAJOR AREAS OF RESEARCH INTEREST

### Research Areas

1. healthy eating, food security, and food systems
2. social networks and systems science
3. preventing chronic disease in priority populations
4. translational team science

## GRANT SUPPORT - CURRENT:

1R01DK135949-01 (PI: Phillips) 06/01/23-05/31/26  
National Institutes of Health (NIDDK) 1.2 calendar months/year

### **Reducing Obesity Using Social Ties (ROBUST)**

*This pilot feasibility study will compare the effects of a social network enhanced lifestyle intervention to an individual level lifestyle intervention on modifying barriers to weight loss among Black and Hispanic adults with obesity.*

Role: Co-Investigator (USC Site PI)

Total Award Amount (including indirect costs): \$1,029,841

2125616 (PI: de la Haye) 10/01/2021-09/30/2024  
National Science Foundation 1.8 calendar months/year

### **S&CC-IRG Track 1: Smart & Connected Community Food Systems**

*Our team of multidisciplinary researchers, L.A. County government leaders, and community partners will undertake community-driven research to identify innovative approaches to quickly and comprehensively monitor local food systems and food security, and understand how these are impacted by shocks like COVID-19. We will co-develop a food system data portal, "Food Base L.A.", that connects community stakeholders with the information and tools needed to quickly monitor the food system and address crises and failures.*

Role: Primary Investigator

Total Award Amount (including indirect costs): \$2,054,156

5R01DA051843 (PI: Valente)  
National Institutes of Health (NIDA)

09/01/2020-07/31/2025  
1.2 calendar months/year

**Using Social Network Analysis to Understand Peer Influences on ENDS Use**

*This study investigates if adolescents are influenced by their friends to initiate or continue e-cigarette and marijuana use, to determine if adolescents make changes in their networks to be consistent with substance use behaviors and to determine if substance use patterns (trajectories) are associated with network changes.*

Role: Co-Investigator

Total Award Amount (including indirect costs): \$2,849,385

1P50MD017344 (PIs: Goran, Garbanati)  
National Institutes of Health (NIMHD)

09/01/21 – 08/31/26  
2.8 calendar months/year

**Southern California Center for Chronic Health Disparities in Latino Families and Children**

*The goal of this Center is to understand how multi-level factors contribute to multiple chronic disease disparities in Latinos across the life course, and to develop and evaluate family-based, culturally sensitive solutions.*

Role: Director of Investigator Development Core, Co-I Project 1

Total Award Amount (including indirect costs): \$24,518,441

1R37CA256867 (PI: Miller)  
National Institutes of Health (NCI)

02/01/2021-12/31/2026  
0.6 calendar months/year

**Social Health, Activity Behaviors, and Quality of Life among Young Adult Cancer Survivors**

*Social challenges are a major issue for young adult cancer patients. Impairments in social health may decrease physical activity after a cancer diagnosis, leading to poorer quality of life after treatment and recovery. This study will investigate the relationships between social health, physical activity, and quality of life to expand our understanding of their interrelations and inform intervention strategies to foster healthy survivorship.*

Role: Co-Investigator

Total Award Amount (including indirect costs): \$3,142,141

1U54TR004279 (PI: Lee, Thomas)  
National Institutes of Health

01/22/22-12/31/26  
1.2 calendar months/year

**Artificial Intelligence, Modeling, and Informatics for Nutrition Guidance and Systems (AIMINGS) Center**

*The goal of the AIMINGS Center is to implement state-of-the-art AI, machine learning, and other data science approaches to advance nutrition for precision health in a way that accounts for the complex systems involved. This includes understanding the systems within individuals and surrounding individuals so that personalized nutrition can be tailored to and account for different people's characteristics and broader circumstances.*

Role: Co-Primary Investigator for Project 4 (USC Site PI)

Total Award Amount (including indirect costs): \$13,000,000

UTR001855C (PIs: Buchanan, Kipke)  
National Institutes of Health (NCATS)

06/01/22 – 05/31/27  
1.8 calendar months/year

**Southern California Clinical and Translational Science Institute**

*This grant supports the infrastructure to support clinical and translational research to reduce disparities in high-risk and underserved/ underrepresented populations, including pediatric populations served at Children's Hospital Los Angeles.*

Role: Co-Director of Research Development

Total Award Amount (including indirect costs): \$49,550,000

## GRANT SUPPORT - PENDING:

(PIs: Salvy, de la Haye)

National Institutes of Health

12/01/2023 – 11/30/2028

1.8 calendar months/year

### **Prospective relationships between 24h behavior composition, timing and weight trajectories among economically diverse mothers and their young children**

This study examines how mother and child's daily behavior composition and timing are associated with their weight and metabolic health. The study will be conducted in a diverse sample to evaluate how financial, psychological, and socio-structural adversity is associated with behavior composition and timing and, ultimately, health disparities.

Role: Primary Investigator (USC contact PI)

1R61HL169357 (PI: Samuel-Hodge, C)

National Institutes of Health (NHLBI)

04/01/2024 – 03/31/2029

1.2 calendar months/year

### **FAMILY-centered WEight Loss for Black Adults (FAM WEL B-ing): Optimization and Evaluation using Multiphase Optimization Strategy (MOST) and Social Network Analysis (SNA)**

Standard behavioral weight loss interventions have been less effective for Black adults, who have the highest prevalence of obesity. This his study uses the Multiphase Optimization Strategy (MOST) to determine the optimal combination of family components and component levels, and Social Network Analysis (SNA) to identify how interactions within social networks (family and non-family) influence individual behaviors among Black adults in a family-centered behavioral weight loss intervention.

Role: Co-Investigator (USC contact PI)

Impact Score: 21

## GRANT SUPPORT - PAST:

1R01HD092483-01 (PIs: de la Haye, Salvy)

National Institutes of Health (NICHD)

09/01/2017 – 05/31/2023

1.2 calendar months/year

### **In-Home Obesity Prevention to Reach Low-Income Infants Through Maternal and Social Transmission**

This study capitalizes on the strengths of established Home Visitation Programs, which serve low-income, diverse mothers and their infants, to test an in-home, evidence-based childhood obesity prevention model delivered in the first 2 years of children's life. This project tests an innovative model of primary childhood obesity prevention that targets important maternal and social network mechanisms.

Role: Primary Investigator (contact PI)

Total Direct Costs (annual): \$451,428

(PIs: de la Haye, USC Public Exchange)

Broad Foundation, USC KSOM, Am. Heart Assoc.

04/01/2022 – 12/31/2022

0.5 calendar months/year

### **Food Access in Los Angeles' Eastside**

This study will outline a roadmap to improve food access and nutrition security among residents of LA's eastside neighborhoods, based on insights from qualitative research triangulated with mapping and analysis of novel food system and food environment data. .

Role: Primary Investigator

Total Direct Costs (annual): \$70,000

UL1TR001855 (PIs: Buchanan, Kipke)

National Institutes of Health (NCATS)

07/01/2016 – 05/31/2022

1.2 calendar months

### **Southern California Clinical and Translational Science Institute**

This grant supports the infrastructure to support clinical and translational research to reduce disparities in high-risk and underserved/ underrepresented populations, including pediatric populations served at Children's Hospital Los Angeles.

Role: Co-Director of Research Development

Total Direct Costs (annual): \$1,905,238

USC Keck COVID-19 Research Fund Grant 09/07/2020-03/01/2022  
(PIs: Baezconde-Garbanati, de la Haye) 0.4 calendar months/year  
**COVID-19 Stay Connected L.A.: A public health campaign to mitigate the impact of COVID-19 in the Hispanic/Latinx community**  
This project develops, implements, and tests an innovative rapid-response community-based public health education campaign on COVID-19 that is tailored for Hispanic/Latinx communities in Los Angeles. It addresses knowledge gaps and misinformation, encourages community compliance with vaccination and other risk-reducing behaviors, and promotes social connectedness.  
Role: Co-Primary Investigator  
Total Direct Costs: \$284,373

USC Keck School of Medicine Dean's Pilot Grant 03/15/2020 – 12/31/2021  
(PIs: de la Haye, Moro, Pentland) effort not permitted  
**Using Big Mobility Data to Map the Food Environments of Diverse Los Angeles Residents**  
This pilot study uses big data on human mobility to understand how people move around urban areas to access and acquire food, within and beyond their home neighborhood. Using data science methods and mathematical models, we gain new understandings of access to mobile food environments for diverse populations, and how this is related to socio-demographics, diet, and health.  
Role: Primary Investigator (contact PI)  
Total Direct Costs: \$40,000

USC Keck COVID-19 Research Fund Grant 04/01/2021 – 09/30/2021  
(PIs: Kipke, Baezconde-Garbanati) 0.5 calendar months  
**Vaccinate LA**  
This project designs and delivers innovative educational and social marketing strategies to increase COVID-19 vaccine uptake in African American/Black and Latino communities in Los Angeles. The campaign strategies are culturally tailored and targeted and address both education and logistical access barriers.  
Role: Co-Investigator  
Total Direct Costs: \$615,250

USC Keck COVID-19 Research Fund Grant 08/24/2020 – 09/23/2021  
(PI: de la Haye) 1.2 calendar months  
**COVID-19 Impacts on Food Access, Food Insecurity, & Informal Food Assistance in LA County**  
This project, in partnership with the LA County Emergency Food Security Branch, uses USC's Understanding America Study monitor the trajectories of food access, food security, and diet over 2020-21. Mixed methods are used to investigate the role of informal social networks, community-based organizations, and government programs in mitigating food insecurity. Findings are quickly translated to inform interventions and policy.  
Role: Primary Investigator  
Total Direct Costs: \$105,520

5R21DK114630-02 (PI: Flórez) 09/10/2018 - 09/30/2021  
National Institutes of Health (NIDDK)  
**Social Networks, Acculturation, and Food Behaviors and Values Among Mexican American Families**  
This mixed-methods study examines the influence of the personal social networks of Mexican American families on food behaviors and values, and health outcomes (hbA1c and BMI). We test if families' personal networks are associated with unhealthy eating patterns, food values, diabetes, and obesity.  
Role: Consultant

W911NF-15-1-0577 (PI: Singh / USC PI: de la Haye) 01/09/2015 - 04/01/2021  
U.S. Department of Defense / Army Research Office 3.0 calendar months/year  
**QUANTA: Quantitative Network-based Models of Adaptive Team Behavior**  
The center-type grant funds a multidisciplinary, multi-institutional team who utilize expertise in cognitive and behavioral science, sociology, computer science, and network science to generate multilevel, dynamic models of teams and social groups that effectively explain various dimensions of group performance. The results break new ground in understanding the optimal design of teams for complex tasks.  
Role: Co-Primary Investigator  
Total Direct Costs (annual, USC site contract): \$108,000

IIS-1521740 (PI: Spruijt-Metz)  
National Science Foundation

09/01/2015 - 08/31/2020  
1.2 calendar months/year

**Monitoring and Modeling Family Eating Dynamics (M2FED)**

This project develops M2FED – an integrated system of in-home beacons, wireless and wearable sensors, and smartphones that provide ongoing, synchronized real-time data on in-home eating behaviors and theory-based process variables. This rich data is aggregated to generate real-time contextual FED models using systems and networks models. Key activities that precede target behaviors are identified in order to develop and optimize future just-in-time, adaptive interventions.

Role: Co-Primary Investigator  
Total Direct Costs (annual): \$425,000

Research Partnership  
USC Dornsife Public Exchange

05/22/2020 – 07/10/2020  
0.25 calendar months

**Los Angeles County Food Insecurity During COVID-19**

This project, in partnership with the L.A. County Chief Office for Sustainability's "Food Insecurity" team, quickly assesses food access and food insecurity in L.A. County, as well as changes in the use of food assistance programs, and gaps and barriers to program use, during the COVID-19 pandemic.

Role: Technical Lead  
Total Direct Costs: \$8,500

R01HD084606 (PI: Gesell / USC Site PI: de la Haye)  
National Institutes of Health (NICHD)

02/2016 - 01/2020  
1.2 calendar months/year

**Building Social Networks to Improve Physical Activity and Weight Loss in Latino Parents**

This project examines the complex relationship between social networks and peer influences on Latino adult physical activity and obesity in order to understand which types of networks facilitate (and which constrain) the diffusion of physical activity and weight loss through a community.

Role: Co-Investigator (USC Site PI)  
Total Direct Costs (annual): \$213,565

W911NF1810243 (PI: de la Haye)  
U.S. Army Research Office: Defense University Research  
Instrumentation Program

07/2018 – 06/2019  
effort not permitted

**Observational System for Monitoring and Modeling Group Social Dynamics**

This grant provides support for equipment to establish a new Group Social Dynamics Lab, which will house a state-of-the art observational system to conduct both laboratory and field-based studies of social dynamics among groups and teams.

Role: Primary Investigator  
Total Direct Costs: \$89,912

APP1114118 (PI: Allender)  
National Health and Medical Research Council (Australia)

02/2016-01/2019  
effort not permitted

**Whole of Systems Trial of Prevention Strategies for Childhood Obesity: WHO STOPS Childhood Obesity**

This project aims to: 1) strengthen community action for childhood obesity prevention; and, 2) measure the impacts of increased action on risk factors for childhood obesity by working with local partners to embed best practice for obesity prevention into existing community systems (e.g. health, workplaces, local council, schools).

Role: Associate Investigator  
Total Direct Costs (annual): AUD \$1,204,688

1R01CA157577-01A1 (PI: Valente)  
National Institutes of Health (NCI)

05/2012 - 03/2017  
1.2 calendar months/year

**The Global Diffusion of Tobacco Control**

This study compiles extensive network data from GLOBALink, an electronic forum for global tobacco advocacy, to construct multiple social networks used to estimate network effects in a dynamic modeling framework. We study network influences on the diffusion and adoption of the Framework Convention for Tobacco Control.

Role: Co-Investigator  
Total Direct Costs (annual): \$320,000

W911NF-16-1-0066 (PI: de la Haye) 02/2016-01/2017  
U.S. Department of Defense / Army Research Office effort not permitted  
**2016 International Network for Social Network Analysis "Sunbelt" Conference**  
This grant supports the XXXVI "Sunbelt" Conference of the International Network for Social Network Analysis. The conference brings together researchers and practitioners to discuss current social networks research.  
Role: Primary Investigator  
Total Direct Costs: \$14,286

5U54HD070725-03 (PI: de la Haye) 01/2014 – 12/2016  
National Institutes of Health (NICHD) / Johns Hopkins 0.6 calendar months/year  
University Bloomberg School of Public Health  
**Health Support Networks for Prevention Childhood Obesity in Home Visitation Programs**  
This pilot study evaluates the health support networks of low-income mothers with young children who are enrolled in home visitation services, and the role these networks play in supporting health behavior change and preventing childhood obesity.  
Role: Primary Investigator  
Total Direct Costs: \$30,000

R01DA033280-01 (PI: Green / USC Site PI: de la Haye) 04/2012-10/2016  
National Institutes of Health (NIDA) 2.2 calendar months/year  
**Social Network Effects in the Context of Adolescent Risk Behaviors**  
This project investigates how adolescents' peer networks influence their use of alcohol and other drugs, as they transition from middle school to the end of high school. We compare egocentric and sociocentric approaches to collecting and analyzing social network data.  
Role: Co-Investigator (USC Site PI)  
Total Direct Costs (annual): \$534,666

W911NF-12-1-0176 (PI: Wasserman) 05/2012 – 12/2014  
U.S. Department of Defense / Army Research Office 1.2 calendar months/year  
**Systematic Investigation of the Effects of Missing Data on Statistical Models for Networks**  
The goal of this project is to understand the impact of missing data on statistical models for social networks.  
Role: Co-Investigator

R01DA030380 (PI: Tucker) 09/2010 – 02/2014  
National Institutes of Health (NIDA) 2.4 calendar months/year  
**The Role of Peer Networks in Youth Drug Use**  
The goal of this project is to use longitudinal data from Add Health to examine peer influence and peer selection effects on youth drug use using multiple, complementary analytic approaches.  
Role: Co-Investigator  
Total Direct Costs (annual): \$259,200

Intergovernmental Personnel Act (IPA) 04/2013 – 12/2013  
(PI: Koehly / Site PI: de la Haye)  
National Institutes of Health (NHGRI) 3.6 calendar months/year  
**The Role of The Family Genetics Health Educator in Influencing Health Promoting Behaviors**  
This is a collaboration with Dr. Koehly's lab on the development of Families SHARE, a family health history tool. Dr. de la Haye led an evaluation of this tool focused on change in family health systems within an African American, under-resourced community.  
Role: Co-Investigator

R21CA157571 (PI: Vardavas)  
National Institutes of Health (NCI)

03/2011 – 02/2013  
0.8 calendar months/year

**Health Outcomes, Risk Perceptions, and Preventative Behavior on Social Networks**

This project investigates how people evaluate the relative risks of engaging or not engaging in preventative health behavior, using information they have gathered through their social network.

Role: Co-Investigator

Total Direct Costs (annual): \$259,687

R01DA020351 (PI: Tucker)  
National Institutes of Health (NIDA)

10/2010 – 03/2012  
1.8 calendar months/year

**Drug Use, Social Context, and HIV Risk in Homeless Youth**

The major goal of this study is to investigate the social context of drug use and high-risk sexual behavior in a probability sample of homeless youth (ages 13-23) in Los Angeles County.

Role: Co-Investigator

Total Direct Costs (annual): \$866,251

R21AA017946-01 (PI: Pollard)  
National Institutes of Health (NIAAA)

03/2010 – 08/2012  
1.2 calendar months/year

**Friendship Networks and Alcohol Use in Adolescence and Young Adulthood**

This project applies a new method of social network analysis to study youth drinking behavior from adolescence into young adulthood and its determinants across gender and racial/ethnic groups.

Role: Co-Investigator

Total Direct Costs (annual): \$331,121

**INVITED LECTURES, SYMPOSIA, KEYNOTE ADDRESSES**

2023	Keynote	World Non-Communicable Disease Congress 2023, Toronto, ON, Canada
2023	Lecture	“Achieving Equity in Food & Nutrition Security through a Smart & Connected Food System: A case study in LA County”, Kühne Logistics University, Hamburg, Germany
2023	Briefing	“Integrating and Harmonizing Food Systems Data”, Advancing a Food Systems Approach to Prioritize Healthy People and a Healthy Planet Workshop, National Academies of Sciences, Engineering, and Medicine, Washington, DC, USA (virtual)
2022	Lecture	“Achieving Equity in Food and Nutrition Security through a Smart & Connected Food System”, Cornell University Division of Nutritional Sciences, USA (virtual)
2022	Panelist	“Working with data to address societal challenges” Open Data Initiative Summit 2022, London, UK (virtual)
2022	Lecture	“Social Network Analysis in mHealth”, mHealth Training Institute 2022, USA (virtual)
2022	Lecture, panelist	“Social networks and public health”, Sponsored Session: One World, One Multilevel Network – Cells to Societies, International Communication Association Annual ICA Conference, Paris, France
2022	Lecture	“Social Network Analysis and Its Application to Health Disparities”, The Social Component of Diabetes Health Disparities, NIDDK Workshop, Bethesda, MD, USA
2022	Seminar	“Network and systems approaches for health interventions, and applications promoting healthy eating”, Cornell Center for Health Equity Seminar, Cornell University, USA (virtual)
2022	Moderator	“Nutrition Security: Benefits Cliff and SNAP Incentives”, Hosted by the American Heart Association Los Angeles, USA (virtual)

2022	Panelist	American Heart Association Reclaim Your Rhythm Brunch, Los Angeles CA, USA
2022	Lecture	"COVID-19 Impacts on Food Insecurity in Los Angeles County", Connect Social Care Summit, hosted by finhelp.com, USA (virtual)
2022	Seminar	"Integrating and evaluating social network and systems approaches in health interventions", University of Manchester Social Statistics Seminars, UK (virtual)
2022	Lecture	"Network and systems approaches for promoting healthy eating and physical activity among at-risk families and communities", Social Network Diffusion of Individual Behavior Change Interventions Workshop, National Institute of Ageing Workshop, USA (virtual)
2021	Lecture, panelist	"Food Insecurity During the Pandemic", Food Day Summit: Bridging the Gap - Community-Based Ways to Build a More Just Food System, County of Los Angeles, CA, USA (virtual)
2021	Lecture	"COVID-19 Impacts on the Food System and Food Security in Los Angeles County", The COVID-19 Pandemic Is Not Only a Viral Event, Universidade de São Paulo/University of Southern California (virtual).
2021	Briefing	Food Forum Workshop: Challenges and Opportunities for Precision and Personalized Nutrition, National Academies of Sciences, Engineering, and Medicine, Washington, DC, USA (virtual)
2021	Lecture	"COVID-19 Impacts on the Food System and Food Security in Los Angeles County", MIT Media Lab, Computational Social Science seminar, MIT, Boston, USA (virtual)
2021	Lecture	"Precision Public Health Nutrition: Addressing the Social-ecological Settings in Which People Access and Consume Food", Precision Nutrition: Research Gaps and Opportunities Workshop, National Institutes of Health (virtual)
2021	Keynote	"Network and systems approaches for health interventions", UK Society for Behavioural Medicine Annual Scientific Meeting (virtual)
2020	Lecture	"The impact of COVID-19 on food insecurity in Los Angeles County", 4 <sup>th</sup> Annual California Contract Cities Association City Manager's Summit
2020	Briefing	"Relationships and social networks", Roundtable on Integrating Systems and Sectors Toward Obesity Solutions, National Academies of Sciences, Engineering, and Medicine, Washington, DC, USA
2020	Lecture	"Promoting healthy eating through local and global networks", Northwestern Institute on Complex Systems, Northwestern University, Chicago, USA
2019	Lecture	"Social intelligence and social networks impact the performance of small groups". ETH Zurich, Zurich, Switzerland
2019	Lecture	"Pilot to RCT", Society for Behavioral Medicine Webinar Series
2019	Lecture	"Promoting healthy eating through local and global social networks". Center for Artificial Intelligence in Society Speaker Series, University of Southern California, Los Angeles, USA
2019	Lecture	"Who we eat with: Nutritional health in global and local social networks". Cedars-Sinai Research Center for Health Equity, Los Angeles, USA
2019	Keynote	Freeman Award Lecture, XXXIX Sunbelt Conference of the International Network for Social Network Analysis, Montreal, Canada
2019	Lecture	"Social intelligence and social networks predict group collective intelligence". Army Research Laboratory West, Playa Vista, USA
2019	Keynote	"Preventing chronic disease through family and community networks". Networks for Social Good Satellite, NetSci 2019, Burlington, USA
2019	Keynote	"The role of social networks in promoting healthy eating" Networks in Food & Nutrition Satellite, NetSci 2019, Burlington, USA

2019	Lecture	<i>"Leveraging social networks to promote healthy eating". Annenberg Networks Network, University of Southern California, Los Angeles, USA</i>
2019	Lecture	<i>"Promoting healthy eating and activity using social networks". College of Nursing, University of Utah, Salt Lake City, USA</i>
2018	Lecture	<i>"Preventing obesity using family and community social networks". Department of Kinesiology, Sport, and Recreation, University of Alberta, Edmonton, Canada</i>
2018	Keynote	<i>"Preventing obesity using family and community social networks", Network Interventions for the Social Good Workshop, International Conference on Complex Systems (ICCS), Boston, USA</i>
2018	Lecture	<i>"Preventing obesity using family and community social networks". Institute of Health Sciences, Vrije Universiteit Amsterdam, Amsterdam, Netherlands</i>
2018	Lecture	<i>"Monitoring &amp; modeling family eating as a complex social system". USC mHealth Collaboratory's Inaugural Mobile/Connected Health Symposium, Los Angeles, USA</i>
2018	Lecture	<i>"Using network science for health promotion &amp; disease prevention", Brain Awareness Week, Azusa Pacific University, Azusa, USA</i>
2018	Keynote	<i>"The social contagion of obesity: Understanding mechanisms, developing network interventions", CompleNet '18, Boston, USA</i>
2018	Lecture	<i>"Leveraging social networks in health promotion: The case of obesity". School of Public Health Colloquia-Science Series, Brown University, Providence, USA</i>
2017	Lecture	<i>"Harnessing social networks and social systems for obesity prevention", City University New York School of Public Health, Center for Systems and Community Design, New York, USA</i>
2017	Lecture	<i>"Harnessing social networks and social systems for obesity prevention", UCLA California Center for Population Research Seminar, Los Angeles, USA</i>
2017	Lecture	<i>"Harnessing social networks to promote healthy eating and prevent obesity", Network Science Institute, Northeastern University, Boston, USA</i>
2017	Symposia presentation	<i>"Harnessing social networks and social systems for obesity prevention", USC Diabetes &amp; Obesity Research Institute (DORI) 4<sup>th</sup> Annual Research Symposium, Los Angeles, USA</i>
2017	Lecture	<i>"Social network interventions for health promotion", USC Center for Artificial Intelligence in Society, Los Angeles, USA</i>
2016	Symposia presentation	<i>"Innovations in childhood obesity prevention through home visitation: Reaching at-risk priority populations", USC Immigrant Health Initiative Retreat, Los Angeles, USA</i>
2016	Symposia presentation	<i>"Obesity and social network dynamics", DARPA/ISAT Symbiotic Architectures for Social Simulation Workshop, Los Angeles, USA</i>
2015	Lecture	<i>"Health promotion and disease prevention in social systems", Department of Psychology Seminar Series, University of Southern California, Los Angeles, USA</i>
2015	Symposia Presentation	<i>"Social influence to prevent obesity: The power of peer networks", Obesity Week 2015, Los Angeles, USA</i>
2015	Lecture	<i>"Harnessing social network dynamics for obesity prevention", WHO Collaborating Center for Obesity Prevention, Deakin University, Melbourne, Australia</i>
2015	Lecture	<i>"Health promotion and disease prevention in social systems", Department of Computer Science &amp; Biomolecular Science and Engineering Seminar Series, University of California at Santa Barbara, Santa Barbara, USA</i>

2014	Lecture	"No child is an island: Why addressing social networks is critical for childhood obesity interventions", USC Chan Division of Occupational Science and Occupational Therapy Department Seminar, University of Southern California, Los Angeles, USA
2014	Symposia Presentation	"No child is an island: Why addressing social networks is critical for childhood obesity interventions". The Social Network: A Systems Approach to #ChildhoodObesity Seminar, Johns Hopkins Global Obesity Prevention Center, Baltimore, USA
2014	Seminar	"Health promotion and disease prevention in social systems". Summer Seminar on Networks and Health, National Institutes of Health, Bethesda, USA
2013	Seminar	"Insights into social influences on food choice and obesity using social network analysis". Summer Seminar on Networks and Health, National Institutes of Health, Bethesda, USA
2011	Lecture	"Adolescent obesity in a social context: The role of friendship networks". Penn State University Prevention Research Center Seminar, Penn State University, USA
2009	Symposia presentation	"Is obesity 'socially contagious'? Exploring the interdependence of social networks and health", CSIRO Preventative Health Flagship Retreat, Sydney, Australia
2009	Symposia presentation	"The interdependence of social networks and health: some examples", CSIRO Complex Systems Science Workshop: Human Systems Dynamics, Brisbane, Australia
2008	Lecture	"The role of friendship networks in adolescent obesity", Meeting on the Interdependence of Networks and Behaviour, University of Melbourne, Melbourne, Australia

**INVITED GRAND ROUNDS, CME LECTURES:**

2017	Grand Rounds	Department of Pediatrics, Children's Hospital Los Angeles, Los Angeles, USA
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**THESIS:**

2011	PhD	University of Adelaide	The role of friends in adolescent overweight and weight-related behaviors: A social network perspective
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**PUBLICATIONS:**

**REFEREED JOURNAL ARTICLES:**

**\*to indicate mentees**

**2023**

1. Horn, AL\*, Bell, BM\*, Bulle Bueno, BG, Bahrami, M, Bozkaya, B, Cui, Y, Wilson, JP, Pentland, A, Moro, E, **de la Haye, K.** (2023). Population mobility data provides meaningful indicators of fast food intake and diet related diseases in diverse populations. *NPJ Digital Medicine*. 6(1), 208.
2. Livings, MS\*, Wilson, JP, Miller, S\*, Bruine de Bruin, W, Weber, K, Babboni, M, ... & **de la Haye, K.** Spatial characteristics of food insecurity and food access in Los Angeles County during the COVID-19 pandemic. *Food Security*, 15: 1255–1271, 2023.
3. **de la Haye, K**, Saw, H, Miller, S\*, Bruine de Bruin, W, Wilson, JP, Weber, K, et al. Ecological risk and protective factors for food insufficiency in Los Angeles County during the COVID-19 pandemic. *Public Health Nutrition*, Public Health Nutrition, 26(10), 1944-1955, 2023.

4. Livings MS\*, Bruine de Bruin W, Wilson JP, Lee BY, Xu M\*, Frazzini A, Chandra S, Weber K, Babboni M, **de la Haye K**. Food insecurity is under-reported in surveys that ask about the past year. *American Journal of Preventive Medicine*, 65(4):P657-666, 2023.
5. Miller S\*, **de la Haye K**, Bell B\*, Gálvez A, Rupp S, Flórez KR. Food Insecurity, dietary quality, and the role of social network support and barriers among immigrant Latino adults in New York City. *Journal of Hunger & Environmental Nutrition*, 6:1-8, 2023.
6. Phelps A, Sparks PL, **de la Haye K**, Young LE. Perceptions of social circle vaccine acceptance and COVID-19 vaccine initiation among postpriority vaccine eligible adults. *Health Psychology*, 42(4), 276–284, 2023.
7. Flórez, KR, Bell, BM\*, Gálvez, A, Hernández, M, Verdaguer, S, **de la Haye K**. Nosotros mismos nos estamos matando/We are the ones killing ourselves: Unraveling individual and network characteristics associated with negative dietary acculturation among Mexican Americans in New York City. *Appetite*, 184:106488, 2023.
8. Kipke MD, Karimipour N, Wolfe N, Orechwa A, Stoddard L, Rubio-Diaz M,... **de la Haye, K**, ...Baezconde-Garbanati, L. Community-based public health vaccination campaign (VaccinateLA) in Los Angeles' Black and Latino communities: Protocol for a participatory study. *JMIR Research Protocols*, 12(1):e40161, 2023.

## 2022

9. Vidmar, AP, Cáceres, NA, Schneider-Worthington, CR, Shirazipour, C, Buman, MP, **de la Haye, K**, Salvy, SJ. Integration of time-based recommendations with current pediatric health behavior guidelines: Implications for obesity prevention and treatment in youth. *Current Obesity Reports*, 11, 236–253, 2022.
10. Lee, BY, Ordovás, JM, Parks, EJ, Anderson, CA, Barabási, AL, Clinton, SK, ...**de la Haye, K**,... & Martinez, MF. Research gaps and opportunities in precision nutrition: an NIH workshop report. *The American Journal of Clinical Nutrition*, nqac237, 2022.
11. Baezconde-Garbanati, L, Cruz, T, Steinberg, J, Chauca, E, Reynoso, N, Martinez, B, Barahona, R, Olsen, B, Lerner, L\*, **de la Haye, K**. Stay Connected L.A.: A model program where the arts meets public health to combat COVID-19 among Latino/Latinx populations. *International Journal of Arts and Science Research*, 9(2), 269-280, 2022.
12. van den Broek, N\*, **de la Haye, K**, Veldhuis, L, Verhagen, M, Larsen, JK, Vink, JM, Burk, WJ. Examining food intake similarities in adolescent best friend dyads using longitudinal Actor-Partner Interdependence Models. *Appetite*, 175:106072, 2022.
13. Miller, S\*, Shirazipour, C, Holmes, AF, Salvy, SJ, **de la Haye, K**. Diet and physical activity behaviors of families receiving maternal and child health services: The perspective of the home visitor. *Journal of Healthy Eating and Active Living*, 2(1):9-22, 2022.
14. Bell, B\*, Alam, R, Mondol, AS, Ma, M, Emi, IA, Preum, SM, **de la Haye, K**, Stankovic, JA, Lach, J, Spruijt-Metz, D. Validity and feasibility of the Monitoring and Modeling Family Eating Dynamics (M2FED) system to automatically detect in-field family eating behavior: Observational study. *JMIR mHealth and uHealth*, 10(2):e30211, 2022.
15. Hunter KE, Johnson BJ, Askie L, Golley RK, Baur LA, Marschner IC, ...**de la Haye, K**, et al.. Transforming Obesity Prevention for CHILDren (TOPCHILD) Collaboration: Protocol for a systematic review with individual participant data meta-analysis of behavioural interventions for the prevention of early childhood obesity. *BMJ Open*, 12(1):e048166, 2022.

16. Johnson, BJ, Hunter, KE, Golley, RK, Chadwick, P, Barba, A, Aberoumand, M,...**de la Haye, K**, et al. Unpacking the behavioural components and delivery features of early childhood obesity prevention interventions in the TOPCHILD Collaboration: A systematic review and intervention coding protocol. *BMJ Open*, 12(1):e048165, 2022.

## 2021

17. **de la Haye K**, Whitted C, Koehly LM. Formative evaluation of the Families SHARE disease risk tool among low-income African Americans. *Public Health Genomics*, 1-11, 2021.
18. Gesell SB, Barkin SL, Ip EH, Saldana SJ, Sommer EC, Valente TW, **de la Haye K**. Leveraging emergent social networks to reduce sedentary behavior in low-income parents with preschool-aged children. *SAGE Open*, 11(3):21582440211031606, 2021.
19. Miller S\*, Bruine de Bruin WB, Livings M\*, Wilson J, Weber K, Frazzini A, Babboni M, **de la Haye K**. Self-reported dietary changes among LA County adults during the COVID-19 pandemic. *Appetite*, 166:105586, 2021.
20. Horn AL\*, Jiang L, Washburn F, Hvitfeldt E, **de la Haye K**, Nicholas W, Simon P, Pentz M, Cozen W, Sood N, Conti DV. An integrated risk and epidemiological model to estimate risk-stratified COVID-19 outcomes for Los Angeles County: March 1, 2020—March 1, 2021. *PLoS One*, 16(6): e0253549, 2021.
21. Garcia, L, Hunter, RF, **de la Haye, K**, Economos, CD, King, AC. An action-oriented framework for systems-based solutions aimed at childhood obesity prevention in U.S. Latinx and Latin American populations [Un marco conceptual orientado a la acción para soluciones sistémicas de prevención de la obesidad infantil en Latinoamérica y en las poblaciones latinas de Estados Unidos]. *Obesity Reviews*, 22(Suppl 3): e13241, 2021. PMID: 33825301.
22. Allender, S., Strugnell, C....**de la Haye, K.**, et al. Four-year behavioral, health-related quality of life, and BMI outcomes from a cluster randomized Whole of Systems Trial of Prevention Strategies for Childhood Obesity. *Obesity* 29(6):1022-35, 2021.
23. Vega Yon, GG\*, Slaughter, A, **de la Haye, K**. Exponential random graph models for little networks. *Social Networks*, 64, 225-238, 2021. DOI: <https://doi.org/10.1016/j.socnet.2020.07.005> .

## 2020

24. Gesell, SB, **de la Haye, K**, Sommer, EC, Saldana, SJ, Barkin, SL, Ip, EH. Identifying social network conditions that facilitate sedentary behavior change: the benefit of being a “bridge” in a group-based intervention. *International Journal of Environmental Research and Public Health*, 17(12), 4197, 2020. PMID: 32545539.

## 2019

25. Manalel, J, Marcum, CS, Calabrese, S, **de la Haye, K**, Hughes, D, Prichard, I., ... & Koehly, LM, Intergenerational exchange of health encouragement: Consideration of ancestry and disease risk. *Families, Systems, and Health*, 37(4), 302, 2019. PMID: 31815512.
26. Hunter, R, **de la Haye, K**, Murray, JM, Badham, J, Valente, TW, Clarke, M, Kee, F, Social network interventions for health behaviours and outcomes: A systematic review and meta-analysis. *PLoS Medicine*. 16, 9, e1002890, 2019. PMID: 31479454.
27. **de la Haye, K**, Shin, H, Vega Yon, G\*, Valente. TW, Smoking diffusion through networks of diverse, urban American adolescents over the high school period. *Journal of Health and Social Behavior*. 60, 362-376, 2019. PMID: 31526021.
28. McGlashan, J\*, **de la Haye, K**, Wang, P, Allender, S, Collaboration in complex systems: Multilevel network analysis for community-based obesity prevention interventions. *Scientific Reports*. 9, 12599, 2019. PMID: 31467328.

29. **de la Haye, K**, Bell, B\*, Salvy, SJ, The role of maternal social networks on the outcomes of a home-based childhood obesity prevention pilot intervention. *Journal of Social Structure: Special Issue on Social Networks & Health*. 20, 7-28, 2019. DOI: <https://doi.org/10.21307/joss-2019-004>.
30. Bell, B\*, Spruijt-Metz, D, Vega Yon, G, Mondon, AS, Alam, R, Ma, M, Emi, I, Lach, J, Stankovic, J, **de la Haye, K**, Sensing eating mimicry among family members. *Translational Behavioral Medicine*. 9, 422-430, 2019. PMID: 31094447.
31. **de la Haye, K**, Fluke, M, Chandler-Laney, P, Goran, M, Chou, C-P, Galama, T, Salvy, S-J, In-home obesity prevention to reach low-income infants through maternal and social transmission. *Contemporary Clinical Trials*. 77, 61-69, 2019. PMID: 30578850.
32. Allender, S, Millar, L, Hovmand, P, Bell, C, Moodie, M, Carter, R, Swinburn, B, **de la Haye, K**, Lowe, J, Morgan, S, Orellana, L, Whole of Systems Trial of Prevention Strategies for childhood obesity: WHO STOPS childhood obesity. *Obesity Research & Clinical Practice*. 13, 68-69, 2019. PMID: 27854354.
33. Marks, J\*, **de la Haye, K** Barnett, L, Allender, S, Personal network characteristics as predictors of change in obesity risk behaviors in early adolescence. *Journal of Research on Adolescence*. 29, 710-723, 2019. PMID: 29770516.

## 2018

34. Pollard, MS, Tucker, JS, Green, HD, **de la Haye, K**, Espelage, D, Adolescent peer networks and the moderating role of depressive symptoms on developmental trajectories of cannabis use. *Addictive Behaviors*. 76, 34-40, 2018. PMID: 28738220.

## 2017

35. Salvy, SJ, **de la Haye, K**, Galama, T, Goran, M, Home visitation programs: An untapped opportunity for the delivery of early childhood obesity prevention. *Obesity Reviews*. 18:149-163, 2017. PMID:27911984.
36. Merrin, GJ, **de la Haye, K**, Espelage, DL, Ewing, B, Tucker, J, Hoover, M, Green, HD, The co-evolution of bullying perpetration, homophobic teasing, and a school friendship network. *Journal of Youth and Adolescence*. 1-18, 2017. PMID: 29236236.
37. **de la Haye, K**, Dijkstra, JK, Lubbers, MJ, van Rijsewijk, L, Stolk, R, The dual role of friendship and antipathy relations in the marginalization of overweight children in their peer networks: The TRAILS Study. *PLOS One*. 12(6): e0178130; 2017. PMID:28591210.
38. **de la Haye, K**, Embree, J, Punkay, M, Espelage, DL, Tucker, JS, Green, HD, Analytic strategies for longitudinal networks with missing data. *Social Networks*. 50:17-25, 2017. PMID:28983146.
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