

## CURRICULUM VITAE

**Date of Revision:** November 12, 2018  
**Name:** Nicola L. Hawley, Ph.D.  
**Term:** September 1, 2014 to June 30, 2020  
**School:** Yale University School of Public Health and the Graduate School

### Education:

BSc. Loughborough University (Human Biology) 2005  
Ph.D. Loughborough University (Human Biology) 2009

### Career/Academic Appointments:

2009 Postdoctoral Research Associate, Center for Global Health and Human Development, Loughborough University, Loughborough, UK  
2009-present Honorary Research Fellow, Developmental Pathways for Health Research Unit, School of Clinical Medicine, University of the Witwatersrand, Johannesburg, South Africa  
2009-11 Postdoctoral Research Associate, International Health Institute, Department of Epidemiology, Brown University, Providence, RI  
2011-14 Postdoctoral Fellow, Weight Control and Diabetes Research Center, Warren Alpert Medical School, Brown University, Providence, RI  
2011-14 Postdoctoral Fellow, Department of Psychiatry and Human Behavior, The Miriam Hospital, Providence, RI  
2014-present Assistant Professor, Dept. of Chronic Disease Epidemiology, Yale University School of Medicine, New Haven, CT  
2015-present Assistant Professor, Department of Anthropology, Yale University, New Haven, CT (Secondary Appointment)  
2018-present Adjunct Assistant Professor, Department of Epidemiology, Brown University, Providence, RI

### Professional Honors & Recognition:

#### International/National/Regional

2007: Gilchrist Educational Trust Award for Excellence in Postgraduate Fieldwork  
2007: Ruggles-Gates Award for Biological Anthropology  
2007: Child Growth Foundation PhD Scholarship

#### University

2009: Loughborough University John Guest Phillips Travelling Scholarship  
2015: Yale Women Faculty Forum Public Voices Fellowship  
2016: Yale School of Public Health 'Teacher of the Year'

### Grant/Clinical Trials History:

#### Current Grants

Agency: National Institutes of Health (NICHD)  
Title: **“Development and assessment of population-specific fetal growth references”**  
PI: Nicola Hawley  
Percent effort: 10%  
Total costs for project period: \$183,324  
Project Period: 09/01/2018 – 08/31/2020

Agency: National Institutes of Health (NINR)  
ID #: 1R21NR016352-01  
Title: **“Establishing the preliminary feasibility and efficacy of a group prenatal care intervention to address maternal and child NCD risk in American Samoa”**  
PI: Nicola Hawley  
Percent effort: 20%  
Total Costs for project period: \$470,678  
Project Period: 09/01/2016 – 08/31/2018

Agency: National Institutes of Health (NHLBI)  
ID #: 2 R01 HL093093-06  
Title: **“Integrated cellular, mouse and human research on a novel missense variant influencing adiposity in Samoans”**  
PI: Stephen McGarvey, Ph.D, MPH.  
Role on project: Co-investigator  
Percent effort: 18%  
Total costs for project period: \$935,772  
Project Period: 07/01/2016 – 06/30/2021

Agency: National Institutes of Health (NHLBI)  
Title: **“Impact of the obesity-risk CREBRF p.Arg457Gln variant on energy expenditure, intake, and substrate utilization in Samoans”**  
PIs: Stephen McGarvey, Ph.D, MPH; James DeLany, MD, Ph.D  
Role on project: Co-Investigator  
Percent effort: 20%  
Total costs for project period: \$1,098,483  
Project Period: 12/01/2017 – 11/31/2021

Agency: Family Larsson-Rosenquist Foundation  
Title: **“Breastfeeding Friendly Country Index (BFCI) Initiative”**  
PI: Rafael Perez-Escamilla  
Role on project: Co-Investigator  
Percent Effort: 10%  
Total costs for project period: \$77,235  
Project Period: 03/01/2017 – 08/31/2018

Agency: Send Hope Not Flowers Foundation (Australia)  
Title: **“Improving Awareness of Gestational Diabetes in American Samoa”**  
PIs: Nicola Hawley, Bethel Muasau-Howard, MD, and Micah Van der Ryn, PhD  
Percent Effort: 0% (Research Funds Only)  
Total Costs for Project Period: \$10,000  
Project Period: 3/1/2016 – 12/28/2018

Agency: Yale University (Hecht-Albert Global Health Pilot Innovation Award)  
Title: **“Evaluation of a Gestational Diabetes Intervention in American Samoa”**  
PI: Nicola Hawley  
Percent effort: 0% (Research Funds Only)  
Total costs for project period: \$5,000  
Project Period: 05/01/2017 – 12/31/2018

Agency: Yale University (MacMillan Center Faculty Research Grant)

Title: **“Understanding body composition among Samoan infants: the role of ethnicity and the CREBRF gene variant”**

PI: Nicola Hawley

Percent effort: 0% (Research Funds Only)

Total costs for project period: \$7,000

Project Period: 04/01/2018 – 05/31/2019

Agency: Yale University (Hecht Faculty Network Award)

Title: **“Creation of the Latin American Indigenous Health Network at Yale”**

PI: Nicola Hawley, Claudia Valeggia (Anthropology)

Percent effort: 0% (Research Funds Only)

Total costs for project period: \$10,000

Project Period: 06/01/2018 – 05/31/2019

Agency: Yale University (Hecht Faculty Network Award)

Title: **“Exploring self-care of hypertension and diabetes among patients in rural Uganda”**

PI: Nicola Hawley, Jeremy Schwartz, Tracy Rabin, Evelyn Hsieh, Kasia Lipska, Christine Ngaruiya

Percent effort: 0% (Research Funds Only)

Total costs for project period: \$40,000

Project Period: 06/01/2018 – 12/31/2019

Agency: Northern Humboldt Union High School District

Title: **“Healthy Humboldt Student Support and Academic Enrichment Program”**

PI: Jack Bareilles

Role on project: Co-investigator

Percent effort: 15%

Total costs for project period: \$29,999

Project Period: 01/01/2019 – 09/30/2019

Submitted: October 2018

## Under Review

Agency: National Institutes of Health (R01)

Title: **“The impact of CREBRF on growth, body composition, and cardiometabolic disease risk development among Samoan children”**

PI: Nicola Hawley

Percent effort: 20%

Total costs for project period: \$3,392,738

Project Period: 07/01/2019 – 06/30/2024

Submitted: October 2018

## Past Grants

Agency: American Association of Physical Anthropology

I.D # Professional Development Grant

Title: **“Growth of 0-5-year olds in Samoa: Co-existence of obesity & micronutrient**

**deficiency”**

P.I.: Nicola Hawley  
Percent effort: 0% (Research Funds Only)  
Total costs for project period: \$5,000  
Project period: 07/01/2011 – 06/30/2012

Agency: American Association of Physical Anthropology  
I.D # Professional Development Grant  
Title: **“Influence of infant growth on body size and blood pressure at 6/7 years”**  
P.I.: Nicola Hawley  
Percent effort: 0% (Research Funds Only)  
Total costs for project period: \$5,000  
Project period: 07/01/2014 – 06/30/2015

Agency: Brown University  
I.D # Research Seed Grant  
Title: **“Rhode Island Child Obesogen Study Pilot Phase”**  
P.I.: Joe Braun, Ph.D., & Erika Werner, M.D.  
Role on project: Co-investigator  
Percent effort: 0% (Research Funds Only)  
Total costs for project period: \$80,000  
Project period: 07/01/2014 – 06/30/2017

Agency: National Institutes of Health (NIDDK)  
ID #: 1 R56 DK 108661-01  
Title: **“Meal time interactions and risk of obesity in toddlers”**  
P.I.: Chantelle Hart, Ph.D.  
Role on Project: Consultant  
Project Period: 1/1/2016 – 31/12/2016

**Invited Speaking Engagements, Presentations, Symposia & Workshops Not Affiliated With Yale:**

**International/National**

- 2018: Hohenheim University, Stuttgart, Germany: “Nature or nurture? Cardiometabolic disease risk in Samoans
- 2018: Ministry of Health, Samoa: “Findings from the *Ola Tuputupua’e* Study: 2015 – Present”
- 2018: Loughborough University, UK: “Developing an evidence base for effective childhood obesity intervention in Samoa”
- 2018: Dartmouth College, Hanover, NH: “Developing an evidence base for effective childhood obesity intervention in Samoa”
- 2018: American Samoa Community College, American Samoa: “Obesity in Samoa: Current Status and Novel Solutions”
- 2018: National University of Samoa, Samoa: “*OLaGA*” research in Samoa & American Samoa”
- 2018: Department of Health, American Samoa: Group prenatal care in American Samoa
- 2017: Deakin University, Melbourne, Australia: “The Samoan Obesity Epidemic: Globalization, Culture & Thrifty Genes”
- 2016: Appalachian State University, Boone, NC: “The Samoan Obesity Epidemic: Globalization, Culture & Thrifty Genes”
- 2016: AANHPI Diabetes Coalition Conference, San Francisco, CA: “The need for Pacific Islander-specific research and clinical practice related to pregnancy and postpartum health”
- 2015: Society for Applied Anthropology, 75<sup>th</sup> Annual Meeting, Pittsburgh, PA: “Family matters:

- Exploring cultural values and practices for raising healthy children”
- 2015: Temple University Guest Lecture, Philadelphia, PA: “The role of infant feeding in rapid infant weight gain”
- 2015: Temple University, Center for Obesity Research Seminar Series, Philadelphia, PA: “Early origins of obesity in Samoans”
- 2015: Pacific Society for Reproductive Health, Suva, Fiji: Three Day Advanced Research Workshop (facilitator)

### **Peer-Reviewed Presentations & Symposia Given at Meetings Not Affiliated With Yale:**

#### **International/National**

##### *Presenting Author*

- 2018: The Obesity Society Annual Meeting, Nashville, TN, “Poor BMI/body composition agreement has implications for obesity assessment among Samoan children”
- 2017: Gathering for Pacific Islander Health, Honolulu, HI, “*Ola Tuputupa’e*: The ‘Growing Up’ Study, Samoa”.
- 2017: Human Biology Association Annual Meeting, New Orleans, LA, “Identifying the optimal Anthropometric indicators for cardiometabolic disease screening in Samoans”
- 2016: Human Biology Association & Japan Society for Physiological Anthropology Joint Meeting, Hilo, USA, “Secular trends in infant growth in American Samoa and their consequences for health and development”
- 2016: Pacific Islander Health Gathering, Arkansas, USA, “Pregnancy and the immediate post-partum period as an opportune time for childhood obesity intervention in Samoans”
- 2015: 9<sup>th</sup> World Congress on the Developmental Origins of Health and Disease, Cape Town, South Africa, “To what extent do secular trends toward obesogenic infant growth trajectories reflect changes in feeding practices in American Samoa?”
- 2015: 9<sup>th</sup> World Congress on the Developmental Origins of Health and Disease, Cape Town, South Africa, “Maternal preferences for infant body size are associated with feeding practices and infant obesity among American Samoans”
- 2015: 11<sup>th</sup> Pacific Society for Reproductive Health Meeting, Suva, Fiji, “Patient-reported content and quality of prenatal care in American Samoa”
- 2015: Society for Applied Anthropology Annual Meeting, Pittsburgh, PA, “Infant body size preferences and feeding practices among American Samoan mothers”.
- 2015: Human Biology Association Annual Meeting, St. Louis, MO, “Associations of infant feeding behavior and appetite with infant weight status in American Samoans”.
- 2014: International Pacific Health Conference, Auckland, New Zealand, “Infant Feeding Practices among American Samoan Mothers: The American Samoa Infant Feeding Study”.
- 2013: Pacific Society for Reproductive Health Biennial Conference, Apia, Samoa, “Barriers to adequate prenatal care utilization in American Samoa”.
- 2013: Pacific Society for Reproductive Health Biennial Conference, Apia, Samoa, “Investing in the future: the importance of promoting pregnancy health to prevent childhood NCDs”
- 2013: Human Biology Association Annual Meeting, Knoxville, TN, “The contribution of feeding

mode to obesogenic growth trajectories in American Samoan infants”

2012: National Osteoporosis Foundation of South Africa, 15<sup>th</sup> Annual Congress, Cape Town, South Africa, “Sex and ethnic differences in skeletal maturation during adolescence”

2011: Human Biology Association Annual Meeting, Minneapolis, MN, “Beyond urban-rural differences: the need for community-level interventions to address obesity and diabetes in Samoa” [poster]

2011: American Association of Physical Anthropology Annual Meeting, Minneapolis, MN, “Continuing trends toward obesity, diabetes and hypertension in Samoa: the role of nutritional transition”

2009: Society for the Study of Human Biology Annual Meeting, Rome, Italy, “Determinants of skeletal age deviation in South African children”

2009: European Anthropological Association Annual Meeting, Odense, Denmark, “Secular trends in skeletal maturity in South Africa: 1962-2001”.

2009: Society for the Study of Human Biology Proffered Papers Meeting, Oxford, UK, ““Secular trends in skeletal maturity in South Africa: 1962-2001”.

#### *Senior Author*

2018: American Society for Bone and Mineral Research, Montreal, Canada, “The influence of maternal diet on offspring skeletal acquisition at birth among Samoan infants”

2018: Human Biology Association Annual Meeting, Austin, TX, “High body fat mass in Samoan newborns as possible indication of developmental origins of obesity”

2018: Human Biology Association Annual Meeting, Austin, TX, “The *Ola Tuputupua’e* “Growing Up” study in Samoa: double burden of malnutrition among 4-7 year old children”

2018: Consortium of Universities for Global Health Annual meeting, New York City, NY, “The *Ola Tuputupua’e* ‘Growing Up’ study in Samoa: overweight/obesity and undernutrition among 4-7 year old children”

2018: American Academy of Health Behavior Annual meeting, Portland, OR, “Prediabetes and diabetes prevention: a mixed-methods study of attitudes and behaviors of young women in a low-income, majority Hispanic community”

2017: Society for Epidemiologic Research Annual Meeting, Seattle, WA “Maternal preference for infant size impacts feeding behaviors in American Samoa”

2016: Harvard Forum on Population Health Equity, Boston, MA, “Predictors of prenatal care satisfaction among pregnant women in American Samoa” (*Poster Travel Award*)

2016: Human Biology Association Annual Meeting, Atlanta, GA, “Use of pesticides and herbicides linked to higher BMI in Samoan mothers”

2016: Human Biology Association Annual Meeting, Atlanta, GA, “Co-existence of anemia, overweight, and obesity among 2-5 year old children in Samoa”

2016: Human Biology Association Annual Meeting, Atlanta, GA. “Exploring the relationship between Physical activity, sedentary behaviors, and BMI in Samoan children aged 2-5” (*Poster Prize*)

#### *Co-Author*

- 2018: The Obesity Society Annual Meeting, Nashville, TN, “Longitudinal adiposity change over 7-8 years and CREBRF p.Arg457Gln genotype among Samoans”
- 2018: American Society of Human Genetics, San Diego, CA, “Rare variation in and near CREBRF and association with fasting glucose in non-Polynesian participants in the TOPMed Program”
- 2018: American Society of Human Genetics, San Diego, CA, “Genome-wide association study of type 2 diabetes phenotypes in Samoans”
- 2018: American Society of Human Genetics, San Diego, CA, “Creating population-specific reference panels for improved genotype imputation”
- 2017: Pacific Health Gathering, Honolulu, HI, “Development of a group prenatal care intervention to limit gestational weight gain and increase breastfeeding in American Samoan women”
- 2017: American Society of Human Genetics Meeting, Orlando, FL, “Effects of the interaction between a CREBRF missense variant and body mass index on type-2 diabetes risk in Samoans”
- 2017: American Society of Human Genetics Meeting, Orlando, FL, “A CREBRF missense mutation substantially affects height in Samoans”
- 2017: Pacific Society for Reproductive Health Meeting, Vanuatu, “Dietary patterns are associated with child, maternal, and household-level characteristics and overweight/obesity among young Samoan children”
- 2017: American Academy of Sleep Medicine Annual Meeting, Boston, MA, “Sleep intervention improves self-control in school-aged children”
- 2017: American Academy of Sleep Medicine Annual Meeting, Boston, MA, “Brief behavioral intervention enhances children’s sleep and improves weight status”
- 2017: Society of General Internal Medicine Annual Meeting, Washington, DC, “Resident perspectives of firm rounds: a qualitative study of a novel approach to the transition of patient care from night teams to day teams”
- 2017: Society for Maternal Fetal Medicine Annual Meeting, Las Vegas, USA, “The association of urinary flame retardant concentrations, gestational weight gain, and gestational diabetes”
- 2017: Human Biology Association Annual Meeting, New Orleans, LA, “Associations of thrifty CREBRF variant with body fat distribution in Samoans”
- 2016: International Society for Environmental Epidemiology Annual Meeting, Rome, Italy, “Variability and predictors of urinary concentrations of replacement flame retardants among pregnant women”
- 2016: American College of Medical Genetics Annual Meeting, FL, “Novel SNPs associated with preterm birth in a cohort of women of African descent” (*Top Poster Award*)
- 2016: Human Biology Association Annual Meeting, Atlanta, GA, “Is reproductive hormone function compromised in obese Samoan men?”
- 2016: Experimental Biology Meeting, San Diego, CA. “Food label use improves dietary quality and mediates improved glycemic control in Latinos with Type 2 diabetes: the DIALBEST trial”
- 2015: Human Biology Association Annual Meeting, St. Louis, MO, “Genome-wide association study

of Samoan women's reproductive biomarkers".

- 2014: American Society of Human Genetics Annual Meeting, San Diego, CA, "Comparison of GWAS results from imputed and multiple anchor and partner genotyped SNPs in an isolated population, Samoa" [poster]
- 2013: The Obesity Society Annual Meeting, Atlanta, GA, "Are DNA methylation patterns reversible with successful weight loss maintenance?" [poster]
- 2013: American Society of Human Genetics Annual Meeting, Boston, MA, "A pilot study testing DNA methylation profiles in Samoan obese and lean young adult males" [poster]
- 2013: American Society of Human Genetics Annual Meeting, Boston, MA, "Genome wide association studies of lipids in Samoans."
- 2013: Association of Professional Sleep Societies Annual Meeting, Baltimore, MD: "Decreases in children's sleep result in increased frequency of eating bouts and greater caloric consumption later in the day" [poster]
- 2012: American Society of Human Genetics Annual Meeting, San Francisco, CA, "Genome wide association study of body mass index in Samoans"
- 2011: Leadership Alliance National Symposium, Old Greenwich, CT, "A well-baby registry: what it can tell us about breastfeeding patterns in American Samoa"

## Regional

### *Presenting Author*

- 2013: Brown University Department of Psychiatry and Human Behavior Research Day, Providence, RI, "The contribution of feeding mode to obesogenic growth trajectories in American Samoan infants".

### *Co-Author*

- 2012: The Miriam Hospital Annual Research Day, Providence, RI, "A comparison of the nutritional composition of school vs. brown bag lunches" [poster]

## Professional Service

### **Peer Review Groups/Grant Study Sections:**

- 2017 - Reviewer, Building University Infrastructure Leading to Diversity EXITO Program
- 2017 - Reviewer, Health Research Board, Ireland
- 2014-present Member, Population & Systems Medicine Review Group, UK Medical Research Council
- 2011-2014 Member, Brown University Undergraduate Research and Teaching Award Review Group

### **Scientific Advisory Committee:**

- 2012 – 2014 Member, Biospecimens Committee Lifestyle Interventions for Expectant Moms (LIFE-Moms) (NHLBI, NIDDK, NICHD, NCCAM)  
*U01 collaborative grant funding 7 trials across the US, all determining the effectiveness of interventions to promote appropriate gestational weight gain*



2016 – 2020: Member, Scientific Advisory Board  
University of Arkansas Transdisciplinary Collaborative Center for Health Disparities  
Research on Chronic Disease Prevention in Pacific Islanders

**Journal Service:**

Section Editor

2015 – present *Pacific Journal of Reproductive Health*

Editorial Board Member

2015-present *Annals of Human Biology*

Reviewer

2008-present Ad hoc reviewer for *Obesity, Pediatrics, Social Science and Medicine, Annals of Human Biology, American Journal of Physical Anthropology, American Journal of Human Biology, Public Health Nutrition, Maternal Fetal and Neonatal Medicine, Bulletin of the World Health Organization, Maternal and Child Health, Plos ONE, BMC Pregnancy and Childbirth, BMC Public Health, Hawaii Journal of Medicine and Public Health, Women and Birth*

**Yale University Service:**

***Yale School of Public Health Committees***

2014-present Member, Downs Fellowship Committee

2014- present Member, Global Health Faculty Advisory Committee

2017- present Reviewer, Fellowships for Research in Global Health Studies

2018- present Member, Stolwijk Fellowship Committee

**Bibliography:** (underlining indicates student/trainee co-authors)

**Peer-Reviewed Original Research**

1. Demerath, E.W., Jones, L.L., **Hawley, N.L.**, Norris, S.A., Pettifor, J.M., Duren, D., Sherwood, R., Choh, A.C., Chumlea, W.C., Towne, B., Siervogel, R.M. & Cameron, N. (2009) *Rapid infant weight gain and the rate of skeletal maturation*. Journal of Pediatrics 155 (3): 355-361
2. **Hawley, N.L.**, Rousham, E.K., Norris, S.A., Pettifor, J.M. & Cameron, N. (2009) *Secular trends in skeletal maturity in South Africa: 1962-2001*. Annals of Human Biology 36 (5): 584-594
3. Cameron, N. & **Hawley N.L.** (2010) *Should the UK use WHO growth charts?* Paediatrics and Child Health 20 (4): 151-156
4. **Hawley, N.L.**, Menard, H., Agha, G. & McGarvey, S.T. (2010) *Preliminary blood lipid, lipoprotein, and glucose findings from the genome-wide study of adiposity in Samoans*. Samoa Medical Journal 2: 11-16
5. Cash, H., McGarvey, S.T., Housemann, E.A., Marsit, C.J., **Hawley, N.L.**, Lambert-Messerlian, G.M., Viali, S., Tuitele, J. & Kelsey, K.T. (2011) *Cardiovascular disease risk factors and DNA methylation at the LINE-1 repeat region in peripheral blood from Samoan Islanders*. Epigenetics 6 (10): 1257-1264

6. **Hawley, N.L.**, Weir, L.M., Viali, S., Tuitele, J. & McGarvey, S.T. (2012) *Modernization and cardiometabolic risk in Samoan adolescents*. American Journal of Human Biology 24 (4): 551-557
7. Seiden, A., **Hawley, N.L.**, Schulz, D., Raifman & S., McGarvey, S.T. (2012) *Long term trends in food availability, food prices, and obesity in Samoa*. American Journal of Human Biology 24 (3): 286-295
8. **Hawley, N.L.**, Rousham, E.K., Norris, S.A., Pettifor, J.M. & Cameron, N. (2012). *Determinants of relative skeletal maturity in South African children*. Bone 50 (1): 259-264
9. **Hawley, N.L.**, Brown, C., Nu'usolia, O., Ah-Ching, J., Muasau-Howard, B. & McGarvey, S.T. (2014) *Barriers to adequate prenatal care utilization in American Samoa*. Maternal and Child Health 18 (10): 2284-2292.
10. **Hawley, N.L.**, Johnson, W.O., Nu'usolia, O. & McGarvey, S.T. (2014). *The contribution of feeding mode to obesogenic growth trajectories in American Samoan infants*. Pediatric Obesity 9 (1): e1-e13.
11. **Hawley, N.L.**, Minster, R.L., Weeks, D.E., Viali, S., Reupena, M.S., Deka, R., & McGarvey, S.T. (2014). *Genome-wide association study of adiposity in Samoans: Prevalence of non-communicable disease and associated risk factors*. American Journal of Human Biology 26: 491-501.
12. Buhule, O.D., Minster, R.L., **Hawley, N.L.**, Medvedovic, M., Guangyun, S., Hong, C., Viali, S., Deka, R., McGarvey, S.T. & Weeks, D.E. (2014). *Batch effects in 450K methylation analysis: a cautionary tale*. Frontiers in Epigenetics and Epigenomics 5: 354.
13. Cole, T.J., Rousham, E.K., **Hawley, N.L.**, Cameron, N., Norris, S.A., & Pettifor, J.M. (2015). *Ethnic and sex differences in skeletal maturation among the Birth to Twenty cohort in South Africa*. Archives of Disease in Childhood 100: 1380143.
14. **Hawley, N.L.**, Johnson, W.O., Hart, C.N., Triche, E.W., Muasau-Howard, B., & McGarvey, S.T. (2015). *Gestational weight gain among Samoan women and its impact on delivery and infant outcomes*. BMC Pregnancy and Childbirth 15: 10-17.
15. **Hawley, N.L.** & McGarvey, S.T. (2015) *Obesity and Diabetes in Pacific Islanders: The current burden and the need for urgent action*. Current Diabetes Reports 15 (5): 594.
16. Huang, Y., Maccani, J.Z.J., **Hawley, N.L.**, Wing, R.R., Kelsey, K.T. & McCaffery, J.M. (2015) *Epigenetic patterns in successful weight loss maintainers: a pilot study*. International Journal of Obesity 39 (5): 865-868
17. **Hawley, N.L.**, Holmdahl, I., Strait, E.A., Freeman, J.R., Muasau-Howard, B.T., Solaita, A. & McGarvey S.T. (2015) *Hospital practices and concerns about infant satiety are barriers to exclusive breastfeeding in American Samoa*. Pacific Journal of Reproductive Health 1 (1): 14-24.
18. **Hawley, N.L.**, Rosen, R.K., Strait, E.A., Ruffuci, G., Holmdahl, I., Freeman, J.R., Muasau-Howard, B.T., & McGarvey, S.T. (2015) *Mothers' attitudes and beliefs about infant feeding*

- highlight barriers to exclusive breastfeeding in American Samoa.* Women and Birth 28 (3): e80-86.
19. Freeman, J., Thompson, K., Muasau-Howard, B., McGarvey, S.T. & **Hawley, N.L.** (2015) *An evaluation of gestational diabetes mellitus screening practices in American Samoa.* Pacific Journal of Reproductive Health 1 (2): 68-73
  20. Hart, C.N., **Hawley, N.L.**, & Wing, R.R. (2016) *Development of a behavioral sleep intervention as a novel approach for pediatric obesity in school-aged children.* Pediatric Clinics of North America 63 (3): 511-523.
  21. Maredia, H., Lambert-Messerlian, G., Palomaki, G.E., Viali, S., **Hawley, N.L.**, & McGarvey, S.T. (2016) *Cutoff levels for hyperandrogenemia among Samoan women: an improved methodology for deriving normative data in an obese population* Clinical Biochemistry 49 (10-11): 782-786.
  22. Minster R.L.\* , **Hawley N.L.\***, Su, C., Sun, G., Kershaw E.E., Chen, H., Buhule, O.D., Lin, J., Reupena, M.S., Naseri, T., Urban, Z., Deka, R., Weeks, D.E. & McGarvey, S.T. (2016) *A thrifty variant in CREBRF strongly influences body mass index in Samoans.* Nature Genetics 48 (9): 1049-54. \*Co-First Authors.
  23. Hart, C.N., **Hawley, N.L.**, & Wing, R.R. (2016) *Development of a behavioral sleep intervention as a novel approach for pediatric obesity in school-aged children.* Sleep Medicine Clinics 11 (4): 515-523.
  24. Kollanoor-Samuel, G., Shebl, F.M., **Hawley, N.L.** & Perez-Escamilla, R. (2016). *Nutrition facts panel use is associated with higher diet quality and lower glycosylated hemoglobin levels in US adults with undiagnosed prediabetes.* American Journal of Clinical Nutrition 104 (6): 1639-1646.
  25. Choy C.C., Desai, M.M., Park, J.J., Frame, E.A., Thompson A.A., Naseri, T., Reupena, M.S., Duckham, R.L., Deziel, N.C., & **Hawley, N.L.** (2017). *Child, maternal, and household level correlates of nutritional status: a cross-sectional study among Samoan children.* Public Health Nutrition 20 (7): 1235-1247.
  26. Wang D., **Hawley, N.L.**, Thompson A.A., Lameko V., Reupena M.S., McGarvey S.T. & Baylin, A. (2017). *Dietary patterns are associated with metabolic outcomes among adult Samoans in a cross-sectional study.* Journal of Nutrition 147 (4): 628-635.
  27. Kollanoor-Samuel, G., Shebl, F.M., **Hawley, N.L.** & Perez-Escamilla, R. (2017). *Nutrition label use is associated with lower longer term diabetes risk among US adults.* American Journal of Clinical Nutrition 105 (5): 1079-1085.
  28. Romano ME., **Hawley N.L.**, Eliot M., Calafat A.M., Jayatilaka N.K., Kelsey K., McGarvey S.T., Phipps M.G., Savitz D.A., Werner E.F. & Braun J.M. (2017). *Variability and predictors of urinary concentrations of replacement flame retardant metabolites among pregnant women in Rhode Island.* Environmental Health 16: 40.

29. McElfish, P.A., Narcisse, M.R., Long, C.R., Ayers, B.L., **Hawley, N.L.**, Aitaoto, N., Riklon, S., Su, L.J., Ima, S.Z., Wilmoth, R.O., Schulz, T.K. & Kadlubar, S. (2017). *Leveraging community-based participatory research capacity to recruit Pacific Islanders in Arkansas into a genetic study*. *Journal of Community Genetics* 8 (4): 283-291.
30. Kollanoor-Samuel, G., Segura-Pérez, S., Shebl, F.M., **Hawley, N.L.**, Damio, G., Chhabra, J., Vega-López, S., Luz Fernandez, M., & Pérez-Escamilla, R. (2017). *Nutrition facts panel use is associated with diet quality and dietary patterns among Latinos with Type 2 Diabetes*. *Public Health Nutrition* 20 (16); 2909-2919.
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### Chapters, Books, and Reviews

48. Hart, C.N., **Hawley, N.L.**, Kuhl, E. & Jelalian, E. (2013) *Weight Control and Obesity*. In: Wolfson, A., Montgomery-Downs, H. (eds.), The Oxford Handbook of Infant, Child, and Adolescent Sleep: Development and Problems, Oxford Press: NY
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### Invited Editorials

50. **Hawley NL.** (2017). *The growing threat of non-communicable diseases to pregnancy health*. Pacific Journal of Reproductive Health 1 (4): 150-153.
51. **Hawley, N.L. & McGarvey, S.T.** (2018). *Human Biology of the Pacific*. Annals of Human Biology 45 (3): 171-174.

### Scholarship Under Review

52. Ayers B., Purvis R.A., Bing W., Rubon-Chutaro J., **Hawley N.L.**, Delafield R., Adams I.K. & McElfish P.A. *Maternal health beliefs in a Marshallese Community*. Submitted to Journal of Transcultural Nursing.
53. **Hawley, N.L.**, Freeman, J.R., Wetle, T., Holmdahl, I., Strait, E.A., Suisala, M.J.E., Muasau-Howard, B. & McGarvey, S.T. *Fathers' roles in infant feeding in American Samoa: a qualitative study*. Submitted to Pacific Journal of Reproductive Health.
54. Litvak, J., Shebl, F., Muasau-Howard, B.T., Faiyai, M., McGarvey, S.T. & **Hawley, N.L.** *Maternal preference for infant body size impacts perception of infant satiety responsiveness and infant feeding practices in American Samoa*. Submitted to Journal of Human Lactation.
55. Spaeth, A.M., **Hawley, N.L.**, Raynor, H.A., Jelalian, E., Greer, A., Crouter, S.E., Coffman, D.L., Carskadon, M.A., Owens, J.A., & Wing, R.R. *Sleep, energy balance, and meal timing in school-aged children*. Submitted to Sleep.
56. Ayers B., **Hawley, N.L.** & McElfish, P.A. *Social and economic influences on infant and child feeding practices in a Marshallese community*. Submitted to Public Health Nutrition.
57. **Hawley, N.L.**, Weeks, D.E., Naseri, T., Reupena, M.S., Pomer, A. & McGarvey, S.T. *Use of anthropometric indicators for prediction of noncommunicable disease risk in Samoan adults*. Submitted to Scientific Reports.
58. **Hawley, N.L.**, Choy, C.C., Duckham, R.L., Reupena, M.S, Soti-Ulberg, C. & Naseri, T. Cohort Profile: The *Ola Tuputupua'e* ('Growing Up') Samoa study. Submitted to International Journal of Epidemiology.
59. Hart, C.N., **Hawley, N.L.**, Coffman, D.L., Raynor, H.A., Carskadon, M.A., Jelalian, E., Owens, J.A., Speath, A. & Wing, R.R. *Enhancing sleep to improve eating behaviors and decrease obesity risk: a randomized controlled trial of a brief behavioral intervention*. Submitted to JAMA Pediatrics.
60. **Hawley, N.L.**, Rosen, R.K., Faiyai, M., Savusa, K., & Muasau-Howard, B.T. *Development of a group prenatal care intervention to reduce obesity risk among American Samoan women and their infants*. Submitted to Asian American Journal of Psychology (special issue).
61. Khurana, S., Strodel, R., Chang, C., Camp, A., Magenheimer, E. & **Hawley, N.L.** *Understandings of type 2 diabetes and attitudes toward prevention: a qualitative study of female clinic visitors and providers of a low-income minority population*. Submitted to Patient Education and Counseling.
62. Krishnan, M., Phipps-Green, A., Altaf, S., Major, T.J., Cadzow, M., Russell, E.M., Stamp, L., Dalbeth, N., Minster, R.L., **Hawley, N.L.**, Naseri, T., Reupena, M.S., Deka, R., Weeks, D.E., McGarvey, S.T., Merriman, T.R. & Murphy, R. *Association of FTO rs9939609 with body mass index in a fixed-effect meta-analysis of the Aotearoa New Zealand Polynesian and other Pacific populations*. Submitted to International Journal of Obesity.

63. Thompson, A.A., Duckham, R.L, Desai, M.M., Choy, C.C., Sherar, L.B., Naseri, T., Soti-Ulberg, C., Reupena, S., Wetzel, A. & **Hawley, N.L.** *Gender differences in the associations of physical activity and nutritional intake with child body composition: a cross-sectional study of 3-7 year-olds in Samoa.* Submitted to Pediatric Obesity.
64. Chang, H., **Hawley, N.L.**, Kalyesubula R., Siddharthan, T., Kirenga, B.J., Checkley, W., Rabin, T.L. *Challenges to hypertension and diabetes management in rural Uganda: perspectives from patients, village health team members, and health care professionals.* Submitted to PLoS One.
65. Schwartz, J.I., Shih, A.F., **Hawley, N.L.**, Sofair, A.N. *Resident perspectives of Firm Rounds: a qualitative study of an innovative approach to transitions of patient care.* Submitted to Journal of General Internal Medicine.
66. Strodel, R., Chang, C.H., Khurana, S.G., Camp, A.W., Magenheimer, E.A. & **Hawley, N.L.** *Increased awareness, unchanged behavior: prediabetes diagnosis in a low-income, minority population.* Submitted to American Journal of Preventative Medicine.
67. Carlson, J.C., Weeks, D.E., **Hawley, N.L.**, Sun, G., Cheng, H., Naseri, T., Reupena, M.S., Deka, R., McGarvey, S.T. & Minster, R.L. *Genome-wide association studies in Samoans give insights into the genetic etiology fasting serum lipid levels.* Submitted to Circulation (08/2018).
68. Keiser, A., Salinas, Y.D., DeWan, A., **Hawley, N.L.**, Donahue, P. & Strobino, D. *Age-related patterns of preterm birth: do they differ for black and white women in California?* Submitted to American Journal of Epidemiology.
69. Young, S.L., Collins, S.M., Boateng, G.O., Neilands, T.B., Jamaluddine, Z., Miller, J.D., Brewis, A., Frongillo, E.A., Jepson, W.E., Melgar-Quinonez, H., Schuster, R.C., Stoler, J., Wutich, A. & HWISE Consortium Authors. *The Household Water InSecurity Experiences (HWISE) Scale: development and validation of a household water insecurity measure using data from 23 low- and middle-income countries.* Submitted to Lancet.