

# STEPHEN T. MCGARVEY

## CURRICULUM VITAE

May 15, 2026

### PRESENT POSITION

Professor Emeritus of Epidemiology,  
Brown University School of Public Health  
Professor of Anthropology (Courtesy)

Email: Stephen\_McGarvey@brown.edu

### EDUCATION

B.A., Sociology (With Honors), 1971, Villanova University, Villanova, PA  
M.A., Anthropology, 1974, The Pennsylvania State University, University Park, PA  
Ph.D., Anthropology, 1980, The Pennsylvania State University, University Park, PA  
MPH, Epidemiology, 1984, Yale University, New Haven, CT

### PROFESSIONAL POSITIONS

2025-present Professor Emeritus of Epidemiology  
2015 Interim Chair, Dept of Epidemiology (Jan-Dec 2015)  
2014-15 Interim Director, Institute for Community Health Promotion, Brown  
University School of Public Health (Academic Yr 2014-15)  
2012-present Professor of Anthropology by Courtesy, Brown University  
2011-2025 Professor of Epidemiology, Brown University School of Public Health  
2010 Acting Chair (January – July 2010), Epidemiology Section, Dept. of  
Community Health, Brown University Medical School  
2006-2010 Professor of Anthropology, Brown University  
2002-2011 Professor of Community Health, Brown University Medical School  
2000-2002 Associate Professor of Community Health, Brown University Medical School  
1999-2021 Director, International Health Institute, Brown University.  
1994-2000 Associate Professor of Medicine (Research) and Community Health  
(Research), Brown University, Providence, R.I.  
1994-99 Associate Director for Research and Training, International Health Institute  
1993-94 Associate Professor of Medicine (Research), Brown University  
1993-2000 Anthropologist, Division of Clinical Immunology & Geographic  
Medicine, The Miriam Hospital, Providence, R.I.  
1990-93 Research Scientist, Division of Geographic Medicine, The Miriam Hospital,  
Providence, R.I.  
1984-89 Research Scientist, Department of Medicine, Roger Williams General  
Hospital, Providence, R.I.  
1984-93 Assistant Professor of Medicine (Research), Brown University.  
1987-89 Visiting Assistant Professor of Anthropology, Brown University.  
1985 Asst Prof of Anthropology (Visiting), Rhode Island College, Prov., R.I.  
1983-85 Research Associate, Department of Anthropology, Brown University.  
1983-84 Research Associate, W.M. Krogman Center for Research in Child Growth and  
Development, School of Dental Medicine, University of Pennsylvania

- 1983-84 Research Associate, Department of Community and Preventative Medicine,  
Medical College of Pennsylvania
- 1983 Instructor, Dept. of Anthropology & Sociology, Rutgers University Camden
- 1977-79 Instructor, Dept. of Anthropology, Pennsylvania State University
- 1977 Instructor, Division of Continuing Education, Pennsylvania State University

### **HONORS and FELLOWSHIPS**

- 2025 Franz Boas Distinguished Achievement Award, Human Biology Association
- 2019 MPH Thesis Mentor Award, Brown University School of Public Health
- 2019 Outstanding Alumnus Award, Pennsylvania State University, College of  
Liberal Arts, Department of Anthropology
- 2014 Dean's Teaching Award, Brown University School of Public Health
- 2013 Honorary Scientific Advisor, Institute for Anthropological Research,  
Zagreb, Croatia
- 2007 Elected Fellow, American Association of Advancement of Science (AAAS)
- 1980-1 Postdoctoral Fellowship in Medical Anthropology, NIH, National Institute of  
Mental Health, Department of Anthropology, University of Hawaii
- 1971-7 Predoctoral Traineeship in Human Biological Adaptability, NIH, NIGMS,  
Human Biology Program, Dept of Anthropology, Pennsylvania State Univ.
- 1970-71 Presidential Scholarship, Villanova University

### **PROFESSIONAL ACTIVITIES**

#### Peer-Reviewed Journal Editor and Membership on Editorial Boards

- 2002-present Editorial Board, American Journal of Human Biology
- 2015-20 Editorial Board, Annals of Human Biology
- 2016-20 Editorial Board, American Anthropologist
- 2006-10 Co-Editor, Annals of Human Biology
- 2003-10 Editorial Board, Anthropological Science

#### External Research Funders NIH/CSR Review Committees

- 2011-14 Chairperson, International and Cooperative Projects-1 (ICP-1) Study Section,  
National Institutes of Health, Center for Scientific Review
- 2010-14 Member, International and Cooperative Projects-1 (ICP1) Study Section,  
National Institutes of Health, Center for Scientific Review

#### *NIH Special Review Committees:*

1. National Institute on Aging, Site Visitor, Boston, May 14-16, 1985 and Boston, Nov.  
10-11, 1986;
2. NIAID Review Committee on Minority Institutions Adult AIDS Clinical Trial Units,  
Bethesda, MD, April 8, 1993;
3. Review Committee ZRG1 SNEM-3 - International Studies on Health & Economic  
Development. Wash DC, 8-10, 2000
4. Review Committee ZCA1 SRRB-D, Meetings and Networks for Methodological  
Development in Interdisciplinary Research, Bethesda, July 15-16, 2004;
5. Review Committee ZRG1 ICP-3, International Research Scientist Development  
Award, Wash DC July 26, 2004;
6. Review Committee, ZRG1 ICP-2, International Studies on Health & Economic

Development. Wash DC, July 26, 2004.

7. Chairperson, Center for Scientific Review Special Emphasis Panel Fogarty International Center Research Collaboration Award (FIRCA) Biobehavioral and Social Sciences, and Global Research Initiative Program for New Foreign Investigators (GRIP), ZRG1 BDA-K (50), Washington DC March 24, 2009.
8. Review Committee ZRG1 ICP1, Center for Scientific Review Special Panel, Fogarty International Center Research Collaboration Award (FIRCA) and Global Research Initiative Program for New Foreign Investigators (GRIP), February 10-11, 2010 (teleconference due to snow).
9. Review Committee ZRG1 GGG-H (50), Center for Scientific Review Special Emphasis Panel, Epigenetics and Human Disease II, Washington DC April 11, 2011.
10. Review Committee ZHL1 CSR-H (F2), Center for Scientific Review Special Emphasis Panel, Life after Linkage: The Future of Family Studies, Bethesda, MD. Dec 1-2, 2011.
11. Review Committee ZMH1 ERB-B (01): Grand Challenges in Global Mental Health. CSR Special Emphasis Panel, Nov 8, 2012.
12. Chairperson, NIH Center for Scientific Review, Special Emphasis Review Panel, PAR-109: Mechanistic Insights from Birth Cohorts. Feb 28, 2014.
13. Review Committee, ICP - 1 Study Section, Biology of Development and Aging Integrated Review Group. K43 grants Fogarty Ctr, Mar 21, 2016.
14. Chair, Review Committee, ICP-1 Special Emphasis Panel. April 6, 2017.
15. Chair, Review Committee, ICP-1 Special Emphasis Panel. K43 grants, May 29, 2018.

#### External Research Application Reviewer- Domestic and International Organizations

##### US Domestic

National Science Foundation; Rhode Island Medical Foundation; Thrasher Foundation; University of North Carolina Population Center; National Research Council; National Geographic Foundation; BUILD EXITO/NIH at Portland State University; Brown University Office of Vice President Research;

##### International

Wellcome Trust (4 times); Canadian Institutes of Health Research and Canadian International Development Research Centre; UK Social and Economic Research Council; Health Research Council of New Zealand; Canterbury Medical Foundation, Christchurch, NZ; Auckland NZ Medical Society; New Zealand Royal Society. CARTA (The Consortium for Advanced Research Training in Africa; 3 times)

#### NIH/NHLBI Trans-Omics for Precision Medicine Consortium (TOPMed)

Principal Investigator – Samoan Adiposity Study (2014 – 2022)

Co-Convener – Anthropometry & Adiposity Working Group (2014 – 19)

Member- Ethical, Legal, and Social Implications Committee (2014 – 2020)

#### Data Safety Monitoring and Ethical Review Committees

- 2014-17 Member, Data Safety and Monitoring Committee, Clinical Trial “Postpartum deworming: A novel way to improve breastfeeding and optimize infant growth”. PI: Theresa Gyorkos, McGill University Health Centre & Dept. of Epidemiology.

- 2010-14 Member, Data Safety and Monitoring Committee, Clinical Trial “Improving Early Childhood Growth and Development in Resource-poor LMICs by Incorporating Deworming in Integrated Child Health Care”. PI: Theresa Gyorkos, McGill University Health Centre & Department of Epidemiology
- 2001-05 Brown University Institutional Review Board (IRB), Alternate Member
- 2000-04 Member, Data Safety & Monitoring Committee for ‘Project Protect’, Women & Infants Hospital of Rhode Island
- 1985-86 Member, Research and Human Rights Committee Women & Infants Hospital of Rhode Island.

#### External Reviewer of Academic Programs

- 2003 External Reviewer of University of Tokyo Graduate School Faculty of Medicine, Departments of 1) Social Medicine; 2) Health Sciences and Nursing, and 3) International Health. Feb.17-18.

#### Manuscript Peer Reviewer for Journals

##### 1979-present General Scientific Journals

Proceedings of the National Academy of Sciences (PNAS); PLoS ONE; Journal of the Royal Society Interface; Expert Opinion on Medical Diagnostics; Nature Scientific Reports.

##### Public Health & Epidemiology Journals

Lancet; American Journal of Epidemiology; American Journal of Public Health; Bulletin of the World Health Organization; Social Science and Medicine; Journal of Clinical Epidemiology; Journal of Chronic Disease; Lancet Regional Health – Western Pacific; Lancet Global Health; BMJ Open; BMC Public Health; Journal of Pediatrics; Hawaii Journal of Medicine & Public Health.

##### Obesity and Diabetes Journals

International Journal of Pediatric Obesity; International Journal of Obesity; Obesity Research; Obesity Reviews; Diabetes Care; Obesity; Diabetes Research & Clinical Practice; Expert Reviews Endocrinology & Metabolism.

##### Human Biology and Biological Anthropology Journals

American Journal of Human Biology; Human Biology; American Journal of Physical Anthropology; Annals of Human Biology; Economics and Human Biology; Evolutionary Behavioral Sciences; Human Nature.

##### Nutrition Journals

American Journal of Clinical Nutrition; European Journal of Nutrition; British Journal of Nutrition; Journal of the American Dietetic Association; Public Health Nutrition; Ecology of Food & Nutrition; Asia Pacific Journal of Clinical Nutrition

##### Genetics Journals

Annals of Human Genetics

##### Parasitology and Tropical Health Journals

American Journal of Tropical Medicine & Hygiene; Parasitology Research; Acta Tropica; International Journal of Parasitology; Tropical Medicine & International Health; PLoS Neglected Tropical Diseases (NTDs); PLoS Pathogens; Infectious Diseases of Poverty; Vaccines; Trends in Parasitology; Expert Review of

Vaccines; Applied and Environmental Microbiology; BMC Infectious Diseases; Vaccines; Expert Review of Vaccines; Applied and Environmental Microbiology Behavioral Health and Medicine Journals

Annals of Behavioral Medicine; Health Psychology; Psychosomatic Medicine Social Science Journals

Demography; Human Organization; Medical Anthropology; American Anthropologist; Population & Development Review; Journal of Sports & Development.

#### Professional Scientific Organization Roles

- 2021 Symposium Organizer, Human Biology Association 2021 Annual Meeting, ‘Establishing Best Practices for Engaging Underrepresented, Minority, and Marginalized Communities’.
- 2021 Symposium Co-organizer (with Serena Tucci), American Association of Physical Anthropologists 2021 Annual Meeting, ‘20 Years of the Human Genome: Insights into Human Population History, Biology and Health’.
- 2019-21 Training Advisory Committee (TAC) for NIH Grant D43-TW010552, ‘Building Research to Integrate and Deepen the Gains against HIV through the Social Sciences: The BRIDGES Programme’. PI, C Colvin, University of Cape Town.
- 1994-98 Executive Committee, Human Biology Association
- 2004-14 Nominations & Elections Committee, Human Biology Association
- 2000-01 Representative to the American Association for the Advancement of Science, Anthropology Section H for the Human Biology Association.
- 1990-pres Abstract Reviewer for Scientific Meetings: American Assoc. of Physical Anthropologists, Human Biology Association, North American Association for the Study of Obesity

#### Discussant and Rapporteur

- 2012 Discussant, 10<sup>th</sup> WBCA (University of Witwaterstrand, Brown University, University of Colorado, Africa Population and Health Research Centre) Consortium Meeting on Population and Health. Johannesburg, South Africa May 30-June 2.
- 2009-16 Member, Advisory Committee, Schistosomiasis Consortium for Operational Research and Evaluation (SCORE). [www.ctegd.uga.edu/score.php](http://www.ctegd.uga.edu/score.php).
- 2009 Moderator, Health and Well-Being. Session 5 of the PSTC African Alumni Conference, Brown University, April 26-28, 2009.
- 2009 Organizer, Symposium at the American Association of Physical Anthropologists and Human Biology Association Annual Meetings, “Detecting Natural Selection in Humans”, April 3, 2009, Chicago.
- 2008-10 Member, Expert Group Corresponding Member, Other Infectious Diseases Expert Group, Communicable Diseases Cluster, Global Burden of Diseases, Injuries, and Risk Factors Study (GBD Study).
- 2007 Moderator, International Perspectives on HIV and Women. Panel II of Symposium The Global Threat of HIV Among Women: Challenges and Responses. Brown University, May 5, 2007.

- 2006 Discussant, *Medicine and Evolution* Symposium, Society for the Study of Human Biology & The Biosocial Society. Dec 11-12, York, UK
- 2005 Presenter, WHO Scientific Work Grp on Schistosomiasis, Ecological factors in transmission of schistosomiasis". Geneva, November 14-16.
- 2005 Co-Organizer, Joint Symposium of the Human Biology Association and the American Association of Physical Anthropologists, "The Metabolic Syndrome: Epidemiological, Methodological, Genetic, and Cross-Cultural Perspectives", April 7, Milwaukee.
- 2004 Discussant, 2<sup>nd</sup> University of Witwaterstrand-Brown University Colloquium on Emerging Population Issues. Brown Univ, March 29.
- 2004 Discussant, Conference on The Political and Symbolic Implications of Quantification. Working Group on Anthropology and Population. Brown University, February 27-28.
- 2001 Co-Organizer, Joint symposium of the Society for the Study of Human Biology and the Human Biology Association, "The Changing Face of Disease". Cambridge, UK, September 17-18.
- 2000 Participant, 'ADI-Map' An Obesity Gene Mapping Collaborative Project: Are We Ready? NIDDK/NIH. Rockville, MD, July 14,
- 1998 Workshop Rapporteur, "The Epidemiology and Host-Parasite Relationships of *Schistosoma japonicum* in Definitive Hosts" held in Wuxi, Jiangsu Province, China, September 8-10, 1998.
- 1998-05 International Advisor for Regional Network for Research, Surveillance and Control of Asian Schistosomiasis.
- 1995-96 Chairperson, Mission Statement Comm., Human Biology Association 1995-96
- 1994-5 Member, Lifespan Research Advisory Committee.
- 1993 Conducted Workshop, Longitudinal Analysis, Navrongo Health Research Centre, Navrongo, Upper East Region, Ghana. October 9-20.
- 1994 Participant, Planning and Implementing Clinical Trials of Vaccines for Parasitic Diseases. Parasitology and Tropical Diseases Branch, NIAID /NIH, Bethesda, MD. September 19-21.
- 1995 Participant and Rapporteur, A Healthy Body and a Healthy Mind? The relationship between cognitive function and physical illness. Partnership for Child Development and the Wellcome Trust: Dormy House, Broadway, Worcestershire, UK. June 25-28,
- 1991 Planning Workshop on Cognitive and Educational Achievement. Partnership for Child Development, University of The West Indies and the McDonnell Foundation. Kingston, Jamaica. Planned new studies to assess cognition and parasitic infections in children. November 2-6.
- 1992 Human Genome Diversity Workshop. Pennsylvania State University. South Asia and Pacific Sub-group. Planned new studies to assess human genetic diversity as part of human genome projects. October 28-31.
- 1992-93 Session Chairperson, American Association of Physical Anthropologist 62nd and 63rd Annual Meetings.
- 1993 Symposium organizer. Schistosomiasis: Multidisciplinary approaches. XVII Pacific Science Congress, Honolulu Hawaii, May 31.
- 1988-89 Election & Nominations Committee, Human Biology Association

1985-86 Epidemiology Consultant, Rhode Island Department of Health, Diabetes Control Program.

1984-91 Consulting Editor for biological anthropology, Behavioral Medicine Abstracts.

## **BROWN UNIVERSITY ACTIVITIES AND SERVICE**

### Committee Service and Leadership

- 2022-24 Faculty Mentor, Dept of Epidemiology (Mentee: Alexandra Collins, PhD)  
2020-21 Lead Faculty, Global Health concentration, MPH Program  
2019-21 Committee on Public Health Faculty Appointments (PHFA)  
2019-21 MPH Admissions Committee  
2018-21 Advisor, Global Health concentration, MPH Program  
2018-20 ScM in Global Public Health Admissions Committee  
2018 Brown International Advanced Research Institute (BIARI), "Health and Social Change in Africa". African Population & Health Research Centre, Nairobi, Kenya, June 3-9. Co-led capacity building workshop for junior researchers at African institutions.
- 2015-16 Office of Global Engagement Advisory Committee  
2012-21 Core Advisor, MPH Program  
2010-17 Population Studies & Training Center (PSTC) Advisory Committee  
2009-21 Member, Executive Committee, Global Health Initiative  
2009-12 Member, International Affairs Advisory Board, Office of International Affairs
- 2008-18 Director, Global Health Scholars, MPH Program, School of Public Health  
2007-08 Co-Chair, Global Health Faculty Committee  
2007-08 Director, International Activities, Division of Biology and Medicine  
2007-21 Faculty Associate, Center for Latin American Studies  
2006-07 Member, Global Health Working Group, Internalization Initiative  
2006-08 Faculty Associate, Watson Institute for International Studies  
2006-07 Member, Medical Committee on Academic Standing  
2006-07 Member, Nominations Committee, Office of Faculty Governance  
2006-10 Member, Executive Committee, Public Health Program and Department of Community Health
- 2005-07 Chair, Research Faculty Committee, Public Health Program  
2000-04 MPH Steering Committee, Master of Public Health Program, Department of Community Health
- 2000-21 Director, International Health Institute  
1999-2003 Member, Executive Committee, Watson Inst. for International Studies  
1998-2003 Member, Executive Leadership Core, Center for Behavioral and Preventive Medicine, The Miriam Hospital & Brown University School of Medicine  
1995-96 Faculty Associate, World Hunger Program  
1990-2025 Faculty Associate, Population Studies and Training Center  
1988-2025 Core Faculty, International Health Institute/Center for Global Public Health

### Research Funding Reviewer

- 2015-21 Nora Kahn Piore Grants, School of Public Health, Reviewer

2014 Undergraduate Teaching & Research Awards (UTRA) Reviewer  
 2012 Research Grant Reviewer for Office of Vice President for Research:  
 Salomon Awards, Research Seed Grants  
 2012-15 Proposal Reviewer, Brown International Advanced Research Institute  
 (BIARI), Population & Development  
 2010-23 Framework in Global Health Grants Review Committee  
 1999-2000 Smoke Summer Research Assistantship Review Committee,  
 Watson Institute for International Studies  
 1994-98 School of Medicine and Program in Liberal Medical Education (PLME),  
 Summer Research Assistantship Review Committee: Social and  
 Behavioral Sciences  
 1990-2010 Foreign Study Fellowship Jury Member, Chair 2000-10.  
 1992-94 Affinity Group Faculty Co-Leader, Junior & Senior PLME, Int'l Health  
 1987-89 Affinity Group Faculty Co-Leader, 2<sup>nd</sup> Year Med Students, Int'l Health

## **RESEARCH GRANTS**

### Active

2024-28 Lipidomics and structural genomics of cardiometabolic health in Samoan adults.  
 PI: R Minster, NIH R01 HL133040. Consultant: ST McGarvey.  
 2024-29 CREBRF and risk of pregnancy and postpartum dysglycemia in American Samoan  
 women. Multiple PIs: Hawley NL, Bengtson A, Kershaw EE. NIH R01 R01DK139672  
 Consultant: ST McGarvey.

### Completed

2018-24 Impact of the obesity-risk CREBRF p.Arg457Gln variant on energy  
 expenditure, intake, and substrate utilization in Samoans. PI: ST McGarvey  
 with MPI: J DeLany. NIH R01 HL140570. Total Costs \$3,073,527.  
 2017-24 Next Generation Association Studies of Adiposity in Samoans Enhanced by a  
 Samoan-Specific Whole Genome Sequence Reference Panel. PI: R Minster. Co-  
 I: ST McGarvey. NIH R01 HL133040. Total Costs \$3,644,933.  
 2016-24 Migration, Urbanization and Health in a Transition Setting. PI: M White,  
 NIH R01 HD083374-01A1. Total Costs \$2,583,415.  
 2018-22 Development of Samoan-specific fetal growth references and an assessment of  
 their diagnostic ability. PI: N Hawley, Co-I: ST McGarvey. NIH  
 R03-HD093993, total subcontract \$39,638.  
 2016-21 Integrated cellular, mouse and human research on a novel missense variant  
 influencing adiposity in Samoans. PI: ST McGarvey, NIH 2 R01 HL093093-  
 06. Total Direct Costs, \$3,035,442.  
 2019-20 Improving childhood health in LMICs starting in pregnancy: addressing  
 metabolic syndrome's impact on pregnancy outcomes among HIV-infected and

- HIV-uninfected women in South Africa. PI: A Bengtson, Co-I: ST McGarvey. Brown University School of Public Health Catalyst Grant, #GR300169.
- 2017-20 Integrated Modeling of Epidemiologic and Economic Long-Term Outcomes in Africa. PI: O Galarraga. NIH Fogarty Center, PEPFAR & CRDF Global Grant OISE-17-62967-1, Total Costs \$225,462.
- 2013-18 Partnerships for the next generation of HIV social science in South Africa. Co-investigator with PI: M Lurie. NIH R24-HD077976-01. Total Costs \$1,905,194.
- 2013-17 Feasibility and effectiveness of the baby friendly community initiative (BFCD) in Kenya: A pilot community trial in a rural setting. PIs: J Kimiywe, Kenyatta University, Elizabeth Kimani-Muarge, Africa Population & Health Research Centre (APHRC), with NIH funded Partner: ST McGarvey. USAID & NIH Partnerships for Enhanced Engagement in Research for Health Program. Total Costs \$449,321.
- 2009-15 Genome-Wide Association Studies of Adiposity in Samoans. PI: ST McGarvey, NIH Grant R01-HL093093. Total Costs \$5,229,699.
- 2006-13 Diabetes Care in American Samoa. PI: ST McGarvey. NIH Grant R18-DK075371. Total Costs \$ 2,432,866.
- 2010-12 Migration, HIV and Socioeconomic Change in South Africa. Co-Investigator with PI Michael White. Brown University Center for AIDS Research. Total Costs \$40,000.
- 2008-13 Global Health Framework at Brown University. Co-PI with S. Cu-Uvin. NIH Grant R25-TW008102, Total Costs: \$406,806.
- 2010-12 Genetic Modification of PUFA Biosynthesis and CHD. PI, ST McGarvey, with subcontract to University of Michigan, Co-PI Ana Baylin. NIH 5R01HL081549-03, \$606,612 Total Costs.
- 2010-11 Supplement to Diabetes Care in American Samoa. PI: ST McGarvey. NIH Grant 3R18DK075371-04S1. Total Costs \$96,391.
- 2007-10 Alcohol Phenotype Development in Samoans. Co-investigator with PI: Robert Swift. R21-AA016597. Total Costs \$426,718.
- 2009-10 Susceptibility genes for polycystic ovarian syndrome in Samoan and American Samoan women. PI, GERALYN MESSERLIAN, BROWN UNIVERSITY, INNOVATIONS IN WOMEN'S HEALTH RESEARCH SEED GRANT PROGRAM. \$35,000.
- 2005-07 Inflammation, Iron and Cognition in *S. japonicum*. Coinvestigator with PI:

- Jennifer Friedman. NIH R03 AI064735.
- 2007 Diversity Supplement, Diabetes Care in American Samoa. PI: ST McGarvey, NIH Grant R18 DK075371-01S1.
- 2000-06 Genome-scan for Obesity Susceptibility Loci in Samoans. PI: ST McGarvey. NIH: R01-DK59642.
- 2004-06 Puberty, Immunity and Malnutrition in *S. japonicum*. Coinvestigator with PI: JD Kurtis. NIH: R01-AI48123. (ST McGarvey was PI 7/1/01- 3/25/04).
- 2003-07 Urbanization, Health and the Environment in Coastal Ghana. Coinvestigator with PI, M White. NIH R21-TW006508.
- 2000-06 Ecology and Transmission of *S. japonicum* in The Philippines. PI: ST McGarvey. NIH Grant TW01582 in the NIH/NSF Ecology of Infectious Diseases Program.
- 2001-04 Puberty, Immunity and Malnutrition in *S. japonicum*. PI: ST McGarvey. NIH: R01-AI48123.
- 1998-02 Genome Scan for NIDDM Susceptibility Genes among Samoans. NIH DK55406. Co-PI with R Deka.
- 1994-00 International Training in AIDS Epidemiology. NIH D43 TW00237. Co-Director with KM Mayer, Director. Dr. McGarvey's role ended 9/00.
- 1995-99 Genetics of CVD Risk in Samoans. NIH HL52611. Co-PI with MI Kamboh.
- 1993-96 Phase II Study on Multi-Drug Chemotherapy of Geohelminths in the Philippines and the People's Republic of China. WHO. G.R. Olds, PI.
- 1992-97 Infants of Gestational Diabetes: Birth to seven years. NIH HD11343. Co-Investigator with B. Vohr, PI. Project 2 in Center Project, Diabetes Pregnancy, Effects on offspring. Overall PI, W. Oh.
- 1991-96 Morbidity and resistance to reinfection in Schistosomiasis japonicum and development of a strategic plan for disease control. NIH AI30601. Co-PI with R. Olveda. Project 1 in Tropical Medicine Research Center.
- 1990-96 Adiposity, Insulin, Electrolytes and Samoan Blood Pressure. NIH AG09375. Principal Investigator: S.T. McGarvey.
- 1995 Health Transition in Navrongo, Ghana. Faculty Foreign Travel Grant, Brown University, Watson Institute for International Studies.

- 1993-94 Polyparasitism and Cognitive Function in Chinese Children. Partnership for Child Development, London. PI: S.T. McGarvey.
- 1993-94 Fertility Patterns in Western Samoa. Brown University Population Studies and Training Center. PI: S.T. McGarvey.
- 1993-94 Immunogenetic Analysis of Clot Blood from a Schistosomiasis Endemic Chinese Population. The Miriam Hospital Foundation. PI: S.T. McGarvey, with P.M. Wiest, and G.R. Olds.
- 1992 Lipid profiles, adiposity and psychosocial factors among modernizing Samoans. Miriam Hospital Foundation. PI: S.T. McGarvey.
- 1989 Schistosomiasis in Jiangxi Province, China. Faculty Foreign Travel Grant, Brown University Institute for International Studies.
- 1988-89 Enhancing Hospital Care for the Older Patient. Co-Investigator with M.D. Fretwell, PI. Robert Wood Johnson Foundation.
- 1988 Salt Taste, Infant Diet and Blood Pressure. S.T. McGarvey and S.H. Zinner. Gerber Products Co.
- 1986-87 Family Care-Givers of Frail Elders. Co-Investigator with R.A. Silliman. Brown University Program in Medicine Research Support Funds.
- 1982-83 Epidemiology of Blood Pressure in Samoans. PI: S.T. McGarvey. Wenner-Gren Foundation.

## PUBLICATIONS

### Peer Reviewed Journal Articles (Student and trainee authors underlined)

1. The effects of modernization and migration on Samoan blood pressure. **ST McGarvey** and PT Baker. Human Biology 1979; 51:461-479.
2. Modernization effects on familial aggregation of Samoan blood pressure. **ST McGarvey**, D. Schendel and PT Baker. Medical Anthropology 1980; 4:321-338.
3. The effect of modernization on spouse concordance in American Samoa. G.D. James, **ST McGarvey**, PT Baker. Human Biology 1983; 55:634-652.
4. Psychological impact of the diagnosis of gestational diabetes. A. Spirito, C. Williams, . L. Ruggiero, A. Bond, **ST McGarvey**, D. Coustan. Obstetrics and Gynecology 1989; 73: 562-566.
5. Blood pressure in infancy. **ST McGarvey**, S.H. Zinner. Seminars in Nephrology 1989; 9: 260-26.
6. Impact of social support and stress on compliance in women with gestational diabetes. L. Ruggiero, D. Spirito, A. Bond, D. Coustan, **ST McGarvey**, Diabetes Care 1990;13 (4): 441-443.

7. The Senior Care Study: does inpatient interdisciplinary geriatric assessment help the family care-givers of acutely ill older patients. R.A. Silliman, **S.T. McGarvey**, P. Raymond, M.D. Fretwell. J Am Geriatric Soc 1990; 38:461-466.
8. The Senior Care Study: a controlled trial of a consultative/unit- based geriatric assessment program in acute care. M.D. Fretwell, P.M. Raymond, **S.T. McGarvey**, N. Owens, M.L. Traines, R.A. Silliman, V. Mor. J. Am. Geriatric Soc. 1990; 38:1073-1081.
9. Maternal and fetal health locus of control during pregnancy: A comparison of women with diabetes and nondiabetic women. A. Spirito, L. Ruggiero, **ST McGarvey**, D Coustan, K Low, J Reprod. & Infant Psych 1990; 8:195-206.
10. Maternal prenatal dietary potassium, calcium, magnesium, and infant blood pressure. **ST McGarvey**, SH Zinner, WC Willett, B Rosner, Hypertension 1991;17:(2):218-224.
11. Obesity in Samoans and a perspective on its etiology in Polynesians. **ST McGarvey**. Am J Clin Nutr 1991; 53 (6): 1586S-1594S. PMID: 2031491.
12. Stress, coping and social support as mediators of the emotional status of women with gestational diabetes. A Spirito, L Ruggiero, A Bowen, **ST McGarvey**, A Bond, D Coustan. Psychology and Health 1991; 5:111- 120.
13. Morbidity due to Schistosomiasis japonica in the People's Republic of China, PM Wiest, G Wu, S Zhang, J Yuan, P Peter, **ST McGarvey**, M Tso, R Olveda, GR Olds. Trans Roy Soc Trop Med Hyg 1992; 86:47-50.
14. Biocultural predictors of age increases in adult blood pressure among Samoans. **ST McGarvey**. Am J Human Biology 1992; 4:27-36. PMID: 28524402 DOI: 10.1002/ajhb.1310040106.
15. Mood state of women with diabetes during pregnancy. A Spirito, L Ruggiero, D Coustan, **ST McGarvey**, A Bond. J of Reprod and Infant Psych, 1992; 10:29-38.
16. Child growth, and Schistosomiasis japonica in Northeastern Leyte, The Philippines: cross-sectional results. **ST McGarvey**, G Aligui, BL Daniel, P Peters, R Olveda, GR Olds. Am J Trop Med Hyg 1992; 46:571-581.
17. Temporal changes and rural urban differences in cardiovascular disease risk factors and mortality in the People's Republic of China. Zhai S, **ST McGarvey**. Human Biology 1992; 64: 807-819.
18. Population change in adult obesity and blood lipids in American Samoa from 1976-78 to 1990. **ST McGarvey**, PD Levinson, L Bausserman, D Galanis, C Hornick. Amer J of Human Biology 1993; 5:17-30.
19. Child growth, nutritional status and Schistosomiasis japonica in Jiangxi, People's Republic China: **ST McGarvey**, G. Wu, S. Zhang, Y. Wang, P. Peters, G. R. Olds, P.M. Wiest. Am J. Trop. Med. Hyg 1993; 48: 547-553.
20. Adiposity and cardiovascular risk factors in men with obstructive sleep apnea. PD Levinson, **ST McGarvey**, CC Carlisle, SE Eveloff, PN Herbert, RP Millman. Chest 1993; 103: 1336-1342.
21. Schistosomiasis japonica on Jishan Island, Jiangxi Province People's Republic of China: Persistence of hepatic fibrosis after reduction of the prevalence of infection with age. PM Wiest, G Wu, S Zhang, **ST McGarvey**, E Tan, J Yuan, P Peters, R Olveda, GR Olds. Trans Roy Soc Trop Med Hyg 1993; 87: 290-294.
22. Self-reported compliance with diabetes self-management during pregnancy. L Ruggiero, A Spirito, D Coustan, **ST McGarvey**, & K Low. Intl J Psychiatry Med. 1993; 23 (2) 195-207.

23. Extraction of DNA from frozen red blood cells. AV Buchanan, ST Sherry, KM Weiss, **ST McGarvey**, JV Neel, M Stoneking. Human Biology 1993; 65: 647-654.
24. The relationship of diabetes knowledge to regimen compliance and metabolic control during pregnancy. A Spirito, L Ruggiero, M Duckworth, KG Low, DR Coustan, **ST McGarvey**, MR Khoury. Psychology & Health 1993; 8: 345-354.
25. The thrifty gene concept and adiposity studies in biological anthropology. **ST McGarvey**. Jl Polynesian Society 1994; 103: 29-42.
26. The impact of chemotherapy on infection and morbidity due to schistosomiasis japonica in Jiangxi Province, China. P.M. Wiest, G. Wu, S. Zhang, **ST McGarvey**, P. Peters, R. Olveda, G.R. Olds. Am J Trop Med Hyg 1994; 51: 162-169.
27. Genetic characterization of American and Western Samoans. R. Deka, **ST McGarvey**, R.E. Ferrell, M.I. Kamboh, L.M. Yu, C.E. Aston, L. Jin, & R. Chakraborty. Human Biology 1994; 66: 805-822.
28. Pressor reactivity in American Samoan children: Comparisons to mainland American children. J.K. Murphy, **ST McGarvey**. Ethn & Disease 1994; 4:47-56.
29. Population genetic characteristics of the D1S80 locus in seven human populations. R. Deka, S. DeCruo, Li Jin, **ST McGarvey**, F. Rothhammer, R.E. Ferrell, R. Chakraborty. Hum Genet 1994; 94:252-258.
30. Modernization in the Samoas and children's reactivity: a pilot study. J.K. Murphy, **ST McGarvey**. Psychosom Med 1994; 56:395-400.
31. Body fat distribution and sleep apnea severity in women. R.P. Millman, C.C. Carlisle, **ST McGarvey**, S.E. Eveloff, P.D. Levinson. Chest 1995; 107:362-366.
32. Effects of maternal gestational diabetes and adiposity on neonatal adiposity and blood pressure. B Vohr, **ST McGarvey**, C Garcia-Coll. Diabetes Care 1995; 18(4): 467-475.
33. Evolutionary history of the COII/tRNA<sup>Lys</sup> intergenic 9 b.p. deletion in human mitochondrial DNAs from the Pacific. A. Redd, N. Takexaki, S.T. Sherry, **ST McGarvey**, A.S.M. Sofro, M. Stoneking. Mol Biol & Evol 1995; 12(4): 604-615.
34. Normal CAG repeat variation at the DRPLA locus in world populations. R. Deka, T. Miki, SJ Yin, **ST McGarvey**, M.D. Shriver, C.H. Bunker, S. Raskin, J. Hundrieser, R.E. Ferrell, R. Chakraborty. Am J Hum Genet 1995; 57: 508-511.
35. Fourteen year changes in adiposity and blood pressure in Samoan adults. E Gershtater, **ST McGarvey**. Am Jl Human Biology 1995; 7:597-606.
36. Dietary Intake changes associated with post-cyclone food aid in Western Samoa. D.J. Galanis, P.V. Chin-Hong, **ST McGarvey**, E. Messer, D. Parkinson. Ecology of Food & Nutrition 1995; 34:137-147.
37. Relations of body fat and fat distribution to the serum lipid, apolipoprotein and insulin concentrations of Samoan men and women. D.J. Galanis, **ST McGarvey**, J. Sobal, L. Bausserman, P.D. Levinson. Int Jl Obesity 1995; 19:731-738, 1995.
38. Ten-year changes in the obesity, abdominal adiposity and serum lipoprotein cholesterol measurements of Western Samoan men. DJ Galanis, J Sobal, **ST McGarvey**, DL Pelletier, L Bausserman. Jl Clin Epidemiol 1995; 48:1485-1493.
39. Thrifty genotype concepts and health in modernizing Samoans. **ST McGarvey**, Asia Pacific Jl Clin. Nutr 1995; 4: 351-353.
40. Lifestyle incongruity and adult blood pressure in Western Samoa. P.V. Chin-Hong, **ST McGarvey**. Psychosom Med 1996; 58:130-137.

41. Schistosomiasis japonica and childhood nutritional status in Northeastern Leyte, the Philippines: A randomized trial of praziquantel versus placebo. **ST McGarvey**, G Aligui, KK Graham, P Peters, GR Olds, R Olveda. Am J Trop Med Hyg 1996; 54(5): 498-502.
42. Distribution and evolution of CTG repeats at the myotonin protein kinase gene in human populations. R. Deka, P.P. Majumder, M.D. Shriver, D.N. Stivers, Y. Zhong, L.M. Yu, R. Barrantes, S. Yin, T. Miki, J. Jundrieser, C.H. Bunker, **ST McGarvey**, S Sakallah, R.E. Ferrell, R. Chakraborty. Genome Research 1996; 6:142-154.
43. Expression of anger by Samoan adults. MS Steele, **ST McGarvey**. Psychological Reports 1996; 79:1339-1348.
44. Immunity and morbidity in schistosomiasis japonicum infection. GR Olds, R Olveda, G Wu, PM Wiest, **ST McGarvey**, G Aligui, S Zhang, B Ramirez, B Daniel, P Peters, R Romulo, F Fevidal, W Tiu J Yuan, E Domingo, B Blas. Am J Trop Med Hyg 1996; 55 (5) 121-126.
45. Growth Patterns for Large-for-Gestational-Age and Appropriate-for-Gestational Age Infants of Gestational Diabetic Mothers and Control Mothers at Age 1 Year. BVohr, **ST McGarvey**. Diabetes Care 1997; 20 (7): 1066-1072.
46. Anger expression, age and blood pressure in modernizing Samoan adults. MS Steele, **ST McGarvey**. Psychosom Med 1997; 59: 632-637.
47. Perceptions of body size in Pacific Islanders. AA Brewis, **ST McGarvey**, J Jones, B Swinburn. International Journal of Obesity 1998; 22: 185-189.
48. Structure of family planning in Western Samoa. AA Brewis, **ST McGarvey**, N. Tu'u'au-Potoi. Austral NZ J Pub Hlth 1998; 22(4):424-7.
49. Dietary intake among modernizing Samoans: Implications for risk of cardiovascular disease. DJ Galanis, **ST McGarvey**, C Quested, B Sio, S Afele-Fa'amuli. Jl Amer Dietetics Assoc 1999; 99:184-190.
50. Double-blind placebo controlled study of concurrent administration of albendazole and praziquantel in schoolchildren with schistosomiasis and geohelminths. GR Olds, C King, J Hewlett, R Olveda, G Wu, J Ouma, P Peters, **ST McGarvey**, O Odhiambo, D Koech, CY Lui, G Aligui, G Gachihi, Y Kombe, I Parraga, R Ramirez, C Whelan, RJ Horton, P Reeve. J of Infect Dis 1999; 179(4):996-1003.
51. Longitudinal association of cardiovascular reactivity and blood pressure in Samoan adolescents. JD Newman, **ST McGarvey**, MS Steele. Psychosomatic Medicine 1999; 61(2): 243-9.
52. Evidence for an improvement in cognitive function following treatment of Schistosoma japonicum infection in Chinese primary schoolchildren. Nokes C, **McGarvey ST**, Shiue L, Wu G, Wu H, Bundy DAP, Olds GR. Am J Trop Med Hyg 1999; 60 (4): 556-565.
53. Effects of maternal gestational diabetes on offspring adiposity at 4 to 7 years of age. BR Vohr, **ST McGarvey**, R Tucker. Diabetes Care 1999; 22:1284-1291.
54. Analysis of 5 Y-specific microsatellite loci in Asian populations. E Parra, MD Shriver, A Soemantri, **ST McGarvey**, J Hundrieser, N Saha, R Deka. Am J of Phys Anthropol 1999; 110: 1-16.
55. Genetic variation at 9 autosomal microsatellite loci in Asian and Pacific populations. E Parra, N Saha, AG Soemantri, **ST McGarvey**, J Hundrieser, MD Shriver, R Deka. Human Biology 1999; 71(5): 757-779.

56. Genetic variation at 23 microsatellite loci in sixteen human populations. R Deka, MD Shriver, LM Yu, EM Heidreich, L Jin, Y Zhong, **ST McGarvey**, CH Bunker, T Miki, J Hundrieser, S-J Yin, S Raskin, R Barrantes, RE Ferrell, R Chakraborty. Jl of Genetics 1999; 78(2): 99-121.
57. Body image, body size, and Samoan ecological and individual modernization. AA Brewis, **ST McGarvey**. Ecology Food & Nutrition 2000; 39(2): 105-120.
58. Marriage, monogamy, and HIV: a profile of HIV-infected women in south India. S. Newmann, P Sarin, N Kumarasamy, K Amalraj, M Rogers, P Madhivanan, T Flanigan, S Cu-Uvin, **ST McGarvey**, K Mayer S Solomon. International Jl of STD & AIDS. 2000; 11: 250-253.
59. Plasma lipoprotein (a) distribution and its correlates among Samoans. MI Kamboh, **ST McGarvey**, CE Aston, L Bausserman, RE Ferrell. Human Biology 2000; 72 (2): 321-336.
60. Su B, Jin L, Underhill P, Martinson J, Saha N, **McGarvey ST**, Shriver MD, Chu J, Oefner P, Chakraborty R, Deka R. Polynesian origins: Insights from the Y chromosome. Proc Natl Acad Sci USA 2000; 97:8225-8228.
61. Comparison of self-reported and observed water contact in a *S. mansoni* endemic village in Brazil. JF Friedman, JD Kurtis, **ST McGarvey**, AL Fraga, A Silveira, V Pizziolo, G Gazzinelli, P LoVerde, and R Correa-Oliveira. Acta Tropica 2001; 8(3): 251-259.
62. Genetic effect of two Apo(a) repeat polymorphisms (Kringel 4 and pentanucleotide repeats) on plasma Lp(a) levels in American Samoans. K DePrince, **ST McGarvey**, AE McAllister, L Bausserman, CE Aston, RE Ferrell MI Kamboh. Human Biology, 2001; 73: 91-104.
63. HLA class II antigens positively and negatively associated with hepatosplenic schistosomiasis in a Chinese population. DP McManus, AGP Ross, GM Williams, AC Sleight, P Wiest, H Erlich, E Trachtenberg, W Guanling, **ST McGarvey**, YS Li, GJ Waine. Int J Parasit 2001; 31 (7): 674-80.
64. Genetic and environmental correlations of body size and blood pressure among adult Samoans. AC Choh, TB Gage, **ST McGarvey**, AG Comuzzie. Am J Physical Anthropol. 2001; 115: 303-311.
65. Attitudes towards prenatal HIV testing and treatment among pregnant women in southern India. H Brown, S Vallabhaneni, S Solomon, S Mothi, **ST McGarvey**, T Jackson, M Putcha, S Brenner, K Mate, S Cu-Uvin. Int Jl of STD & AIDS 2001; 12 (6): 390-394.
66. Cardiovascular disease (CVD) risk factors in Samoa and American Samoa, 1990-95. **ST McGarvey**. Pacific Health Dialog 2001; 8 (1): 157-162. PMID: 12017817.
67. Type 2 diabetes and three calpain-10 gene polymorphisms in Samoans: no evidence of association. H-J Tsai, G Sun, DE Weeks, R Kaushal, M Wolujewicz, **ST McGarvey**, J Tufa, S Viali, R Deka. Am J Hum Genet 2001; 69: 1236-1244.
68. Dried blood spots (DBS): a valuable tool for HIV surveillance in developing tropical countries. SS Solomon, S Solomon, I Rodriguez, **ST McGarvey**, AK Ganesh, SP Thyagarajan, AP Mahajan, KH Mayer. Int Jl of STD & AIDS 2002; 13: (1): 25-28.
69. Genetic component to susceptibility to *Trichuris trichiura*: evidence from two Asian populations. S Williams-Blangero, **ST McGarvey**, J Subedi, PM Wiest, RP Upadhayay, DR Bai, B Jha, GR Olds, Wu G, J Blangero. Genetic Epid 2002; 22: 254-264.

70. Human leptin locus (LEP) alleles and BMI in Samoans. **ST McGarvey**, W Forrest, DE Weeks, G Sun, D Smelser, J Tufa, S Viali, R Deka. Int J Obesity 2002; 26 (6): 783-8.
71. Genetic diversity and evolution of the human leptin locus tetranucleotide repeat. S Moffett, J Martinson, MD Shriver, R Deka, **ST McGarvey**, R Barrantes, RE Ferrell. Human Genetics 2002; 110: 412-417.
72. Neonatal blood pressure and salt taste responsiveness. SH Zinner, **ST McGarvey**, LP Lipsitt, B Rosner. Hypertension 2002; 40:280-285, 2002.
73. Global genetic variation at nine short tandem repeat loci and implications on forensic genetics. G Sun, **ST McGarvey**, R Bayoumi, C Mulligan, R Barrantes, S Raskin, Y Zhong, J Akey, R Chakraborty, R Deka. Eur J Hum Genet 2003; 11: 39-49.
74. Isolation and characterisation of polymorphic DNA microsatellite markers from *Schistosoma japonicum*. J Shrivastava, G Barker, MV Johansen, X Zhou, GD Aligui, **ST McGarvey**, JP Webster, JP. Molr Ecol Notes 2003; 3: 406-408.
75. Youth blood pressure levels in Samoa in 1979 and 1991-93. ST Roberts, **ST McGarvey**, S Viali, C Quested. Am J Human Biol 2004; 16 (2): 158-167.
76. Expression, purification and human antibody response to a 67 kDa vaccine candidate for schistosomiasis japonicum. JS Solomon, CP Nixon, **ST McGarvey**, LP Acosta, JD Kurtis. Protein Expr & Purif 2004; 26: 226-231.
77. Distribution of genome-wide linkage disequilibrium based on microsatellite loci in the Samoan population. H-J Tsai, G Sun, D Smelser, S Viali, J Tufa, L Jin, DE Weeks, **ST McGarvey**, R Deka. Human Genomics 2004; 1 (5):327-334.
78. *Schistosoma japonicum* and occult blood loss in a community based sample in Leyte, The Philippines. HK Kanzaria, LP Acosta, GC Langdon, DL Manalo, RM Olveda, **ST McGarvey**, JD Kurtis, JF Friedman. Am J Trop Med Hyg 2005; 72: 115-118.
79. Knowledge, Attitudes and Practices among Physicians on HIV/AIDS in Quang Ninh, Vietnam. L Quach, K Mayer, **ST McGarvey**, M Lurie, P Do. AIDS Patient Care and STDs 2005; 19 (5): 335-446.
80. Relationship between *Schistosoma japonicum* and nutritional status among children and young adults in Leyte, The Philippines. JF Friedman, HK Kanzaria, LP Acosta, GC Langdon, DL Manalo, H Wu, RM Olveda, **ST McGarvey**, JD Kurtis. Am J Trop Med Hyg 2005; 72(5): 527-533.
81. Helminth infection and cognitive impairment among Filipino children. A Ezeamama, JF Friedman, LP Acosta, GC Langdon, DL Manalo, RM Olveda, JD Kurtis, **ST McGarvey**. Am J Trop Med Hyg 2005; 72 (5): 540-548.
82. Estimating and modelling the dynamics of the intensity of infection with *Schistosoma japonicum* in villagers of Leyte, Philippines. Part I: A Bayesian cumulative logit model. The Schistosomiasis Transmission & Ecology Project (STEP). H Carabin, C Marshall, L Joseph, S Riley, E Aligui, R Olveda, **ST McGarvey**. Am J Trop Med Hyg 2005; 72 (6): 745-753.
83. Estimating and modelling the dynamics of the intensity of infection with *Schistosoma japonicum* in villagers of Leyte, Philippines. Part II: Age and intensity specific transmission of schistosomiasis japonicum at three locations in the Philippines. The Schistosomiasis Transmission & Ecology Project (STEP). S Riley, H Carabin, C Marshall, R Olveda, G Aligui, AL Willingham, **ST McGarvey**. Am J Trop

- Med Hyg 2005; 72 (6): 754-761.
84. Nutritional status and serum cytokine profiles in children, adolescents and young adults with *Schistosoma japonicum*-Associated hepatic fibrosis in Leyte, The Philippines. HM Coutinho, **ST McGarvey**, L Acosta, D Manalo, G Langdon, T Leenstra, HK Kanzaria, J Solomon, H Wu, R Olveda, JD Kurtis, JF Friedman. Journal of Infectious Diseases 2005; 192: 528-536.
  85. Human schistosomiasis and anemia: the relationship and potential mechanisms. JF Friedman, HK Kanzaria, **ST McGarvey**. Trends Parasit 2005; 21, 386-392.
  86. Functional Significance of Low Intensity Polyparasitism in Anemia. AE Ezeamama, JF Friedman, RM Olveda, LP Acosta, JD Kurtis, V Mor, **ST McGarvey**. J of Infec Dis 2005; 192 (12): 2160-70.
  87. Estimating sensitivity and specificity of a faecal examination method for *Schistosoma japonicum* infection in cats, dogs, water buffaloes, pigs and rats in Western Samar and Sorsogon Provinces, The Philippines. H Carabin H, E Balolong, L Joseph, **ST McGarvey**, MV Johansen, T Fernandez, AL Willingham, RM Olveda. Schistosomiasis Transmission and Ecology in the Philippines (STEP) Project. Int J Parasit 2005; 35(5): 1517-1524.
  88. Farming and Adiposity in Samoan Adults. ED Keighley, **ST McGarvey**, P Turituri, S Viali. Amer J Human Biol 2006; 18: 112-121.
  89. Nutritional status improves after treatment of *S. japonicum* infected children and adolescents. HM Coutinho, LP Acosta, **ST McGarvey**, B Jarilla, A Pablo, L Su, DL Manalo, RM Olveda, JD Kurtis, JF Friedman. J of Nutr 2006; 136(1): 183-8.
  90. T-helper 2 cytokine responses to Sj97 predict resistance to reinfection with *Schistosoma japonicum*. T Leenstra, LP Acosta, H Wu, GC Langdon, JS Solomon, DL Manalo, L Su, M Jiz, B Jarilla, AO Pablo, **ST McGarvey**, RM Olveda, JF Friedman, JD Kurtis. Infection and Immunity 2006; 74: 370-81.
  91. Hepatitis C Virus Infection in Samoa and American Samoa. GL Armstrong, IT Williams, UA Maga, S Viali, WL Kuhnert, **ST McGarvey**. Am J Trop Med Hyg 2006; 74 (2): 261-262.
  92. *Schistosomiasis japonica*, anemia and iron status in children, adolescents and young adults in Leyte, the Philippines. T Leenstra, LP Acosta, GC Langdon, DL Manalo, L Su, RM Olveda, **ST McGarvey**, JD Kurtis, JF Friedman. Am J Clin Nutr 2006; 83(2): 371-9.
  93. A cross sectional study of *Schistosoma japonicum* prevalence in 50 villages of Samar Province, the Philippines. MR Tarafder, E Balolong, H Carabin, P Bélisle, V Tallo, L Joseph, P Alday, RO Gonzales, S Riley, R Olveda, **ST McGarvey**. BMC Public Health 2006; 6: 61.
  94. Anger expression and lifestyle incongruity interactions on blood pressure in Samoan adults. A Bitton, **ST McGarvey**, S Viali. American Journal of Human Biology 2006; 18: 369-376. PMID: 16634023.
  95. Pubertal development predicts resistance to infection and reinfection with *Schistosoma japonicum*. JD Kurtis, J Friedman, T Leenstra, GC Langdon, H Wu, DL Manalo, L Su, M Jiz, B Jarilla, AO Pablo, **ST McGarvey**, RM. Olveda, LP Acosta. Clinical Infectious Disease 2006; 42: 1692-8.
  96. Demographic and Clinical Characteristics of HIV-Infected Inpatients and Outpatients at a Cambodian Hospital. P Sok, JI Harwell, **ST McGarvey**, M Lurie, L

- Lynen, T Flanigan, KH Mayer. AIDS Patient Care & STDS 2006; 20(5):369-78. PMID: 16706711 DOI: 10.1089/apc.2006.20.369.
97. Cross-sectional associations between animal and human intensity of infection with *Schistosoma japonicum* in Samar Province, the Philippines. **ST McGarvey**, H Carabin, E Balolong Jr, P Bélisle, T Fernandez, L Joseph, V Tallo, R Gonzales, **M Tarafder**, P Alday, AL Willingham, R Olveda. Bull WHO 2006; 84: 446-52. PMID: 16799728 PMID: PMC2627378.
  98. Concurrent comparison of three water contact measurement tools in four endemic villages of The Philippines. The Schistosomiasis Transmission Ecology in the Philippines project (STEP). **Payne G**, Carabin H, Tallo V, Alday P, Gonzalez R, Joseph L, Olveda R, **McGarvey ST**. Trop Med Int Health 2006; 11(6): 834-42.
  99. Proinflammatory cytokines and C-reactive protein are associated with undernutrition in the context of *Schistosoma japonicum* infection. HM Coutinho, T Leenstra, LP Acosta, L Su, B Jarilla, MA Jiz, GC Langdon, RM Olveda, **ST McGarvey**, JD Kurtis, JF Friedman. Am J Trop Med & Hyg 2006; 75: 720-726.
  100. The influence of socioeconomic factors on cardiovascular disease risk factors in the context of economic development in the Samoan archipelago. **A Ezeamama**, S Viali, J Tuitele, **ST McGarvey**. Soc Sci & Med 2006; 63: 2533-2545.
  101. *Schistosoma japonicum* reinfection after praziquantel treatment causes anemia of inflammation. T Leenstra, HM Coutinho, LP Acosta, GC Langdon, L Su, RM Olveda, **ST McGarvey**, JD Kurtis, JF Friedman. Infec & Imm 2006; 74: 6398-6407.
  102. Protective immunity induced by phage displayed mitochondrial related peptides of *Schistosoma japonicum*. HW Wu, XM Hu, Y Wang, JD Kurtis, FJ Zeng, **ST McGarvey**, GL Wu, ZS Zhang, ZC Hua. Acta Trop. 2006 99(2-3):200-7.
  103. Th2 cytokines are associated with persistent hepatic fibrosis in human *Schistosoma japonicum* infection. HM Coutinho, LP Acosta, HW Wu, **ST McGarvey**, L Su, GC Langdon, MA Jiz, B Jarilla, RM Olveda, JF Friedman, JD Kurtis. Journal of Infectious Diseases 2007; 195(2):288-95.
  104. DHEAS predicts improved nutritional status in helminth infected children, adolescents & young adults in Leyte, Philippines. HM Coutinho, T Leenstra, LP Acosta, RM Olveda, **ST McGarvey**, JF Friedman, JD Kurtis. Jl Nutr 2007; 137: 433-439.
  105. Statistical evidence for GLM regression parameters: a robust likelihood approach. JD Blume, **L Su**, L Acosta, RM Olveda, **ST McGarvey**. Statistics in Medicine 2007; 26 (15): 2919-36.
  106. Population Health (Editorial). **ST McGarvey**. Ann Human Biol 2007; 34 (4):393-6.
  107. Genome-wide scan for adiposity-related phenotypes in adults from American Samoa **F Dai**, **ED Keighley**, G Sun, SR Indugula, ST Roberts, K Åberg, D Smelser, J Tuitele, L Jin, R Deka, DE Weeks, **ST McGarvey**. Int J Obesity 31:1832-42. PMID: 17621312.
  108. Prevalence of *Schistosoma japonicum* infection among animals in 50 villages of Samar Province, The Philippines. TJ Fernandez Jr., MR Tarafder, E Balolong Jr., L Joseph, AL Willingham III, P Bélisle, JP Webster, RM Olveda, **ST McGarvey**, H Carabin. Vector-Borne & Zoonotic Diseases 2007; 7:147-155, 2007. doi.org/10.1089/vbz.2006.0565.
  109. The Dual burden of infectious and non-communicable diseases in the Asia-Pacific

- Region: Examples from The Philippines and the Samoan Islands. JF Friedman, JD Kurtis, **ST McGarvey**. Med & Health Rhode Island 2007; 90 (11): 346-350.
110. Multi-host transmission dynamics of schistosomiasis japonica in Samar Province, the Philippines. S Riley, H Carabin, P Bélisle, L Joseph, V Tallo, E Balolong, AL Willingham, TJ Fernandez, RO Gonzalez, R Olveda, **ST McGarvey**. PLoS Medicine 2008; 5(1):e18. PMID: 18215106, PMCID: PMC2211559.
  111. Prevalence of Schistosoma japonicum infection of Oncomelania quadrasi snail colonies in 50 irrigated and rain-fed villages of Samar Province, the Philippines. H Madsen, H Carabin, D Balolong, V L Tallo, R Olveda, M Yuan, **ST McGarvey**. Acta Tropica 2008; 105: 235–241. PMID: 18207119, PMCID: PMC2293956.
  112. Decision-Model Estimation of the Age-Specific Disability Weight for Schistosomiasis japonica: A Systematic Review of the Literature. J Finkelstein, M Schleinitz, H Carabin, **ST McGarvey**. PLoS Neg Trop Dis 2008; 2(3): e158. doi:10.1371/journal.pntd.0000158. PMID: 18320018, PMCID: PMC2254314.
  113. The Synergistic Effect of Concomitant Schistosomiasis, Hookworm & Trichuris Infections on Children’s Anemia Burden. AE Ezeamama, **ST McGarvey**, LP Acosta, S Zierler, DL Manalo, HW Wu, JD Kurtis, V Mor, RM Olveda, JF Friedman. PLoS Negl Trop Dis 2008; 2(6):e245. doi:10.1371/journal.pntd.0000245. PMID: 18523547, PMCID: PMC2390851.
  114. Living with *ma’i suka*: Individual, familial, and environmental-level stress among patients with type 2 diabetes and their caregivers in American Samoa. E Elstad, R Rosen, C Tusiofo, **ST McGarvey**. Prev Chron Dis 2008; 5(3): e1-10. PMID: 18558029, PMCID: PMC2483557.
  115. Patterns of sexual behaviors of male patients prior to testing HIV-positive in a Cambodian hospital, Phnom Penh. P Sok, J Harwell, L Dansereau, **ST McGarvey**, M Lurie, KH Mayer. Sexual Health 2008; 5: 353-358. PMID: 19061555, PMCID: PMC2853752.
  116. Applying novel genome-wide linkage strategies to search for loci influencing type 2 diabetes and adult height in American Samoa. K Åberg, G Sun, D Smelser, SR Indugula, H Ju Tsai, MS Steele, J Tuitele, R Deka, **ST McGarvey**, DE Weeks. Human Biology 2008; 80 (2): 99-123. PMID: 18720898.
  117. A whole genome linkage scan identifies multiple chromosomal regions influencing adiposity-related traits among Samoans. F Dai, G Sun, K Åberg, ED Keighley, SR Indugula, ST Roberts, D Smelser, S Viali, L Jin, R Deka, DE Weeks, **ST McGarvey**. Ann Hum Genet 2008; 72 (6): 780-792. PMID: 18616661, PMCID: PMC2574874.
  118. Community and Household Determinants of Water Quality in Coastal Ghana. **ST McGarvey**, J Buszin, H Reed, DC Smith, Z Rahman, C Andrzejewski, K Awusabo-Asare, MJ White. Jl Water & Health 2008; 6(3): 339-349. PMID: 19108554. PMCID: PMC3696883.
  119. A Genome-Wide Linkage Scan Identifies Multiple Chromosomal Regions Influencing Serum Lipid Levels in the Population on the Samoan Islands. K Åberg, F Dai, G Sun, ED Keighley, SR Indugula, L Bausserman, S Viali, J Tuitele, R Deka, DE Weeks, **ST McGarvey**. Jl of Lipid Research 2008; 49: 2169–2178. PMID: 18594117, PMCID: PMC2533415.
  120. ‘Too many girls, too much dowry’: son preference and daughter aversion in rural

- Tamil Nadu, India. **N Diamond-Smith**, N Luke, **ST McGarvey**. Culture Health and Sexuality 2008; 10(7): 697-708. PMID: 18821352, PMCID: PMC3665272.
121. Is mass treatment the appropriate schistosomiasis elimination strategy? Secondary analysis of data collected as part of the Schistosomiasis Transmission and Ecology in the Philippines (STEP) project. VL Tallo, H Carabin, PP Alday, EJ Balolong, RM Olveda, **ST McGarvey**. Bull WHO 2008; 86: 765-771. PMID: 18949213, PMCID: PMC2649512.
  122. Comparison of 3 Methods for Identifying Dietary Patterns Associated With Risk of Disease. **J DiBello**, P Kraft, **ST McGarvey**, R Goldberg, H Campos, A Baylin. Am J Epidem 2008; 168(12):1433-43. PMID: 18945692, PMCID: PMC2727189.
  123. Population Genetics of *Schistosoma japonicum* within the Philippines Suggest High Levels of Transmission between Humans and Dogs. **JW Rudge**, H Carabin, E Balolong Jr, V Tallo, J Shrivastava, D-B Lu, M-G Basáñez, R Olveda, **ST McGarvey**, JP Webster. PloS NTDs 2008; 2 (11); e340. PMID: 19030225, PMCID: PMC2582952.
  124. Overweight and diabetes in American Samoa: The cultural translation of research into effective health care practice. RK Rosen, J DePue, **ST McGarvey**. Medicine & Health Rhode Island 2008; 91(12): 372-7. PMID: 19170313.
  125. Susceptibility loci for adiposity phenotypes on 8p, 9p, and 16q in American Samoa and Samoa. **K Åberg**, F Dai, **ED Keighley**, G Sun, SR Indugula, **ST Roberts**, D Smelser, S Viali, J Tuitele, L Jin, R Deka, DE Weeks, **ST McGarvey**. Obesity 2009; 17(3):518-24. PMID: 19238140, PMCID: PMC2879592.
  126. Adiponectin and type 2 diabetes in Samoan Adults. **JR DiBello**, A Baylin, S Viali, J Tuitele, L Bausserman, **ST McGarvey**. Am J Hum Biol 2009; 21:389–391. PMID: 19107905; PMCID: PMC3702166.
  127. Interdisciplinary translational research in anthropology, nutrition, and public health. **ST McGarvey**. Annual Review of Anthropology 2009; 38:233–49.
  128. Dietary pattern variation and the metabolic syndrome in adult Samoans. **JR DiBello**, **ST McGarvey**, P Kraft, R Goldberg, H Campos, TS Laumoli, C Qusted, A Baylin. J Nutr 2009; 139: 1933–1943. PMID: 19710163, PMCID: PMC2744614.
  129. Anemia of Inflammation is related to cognitive impairment among children in Leyte, The Philippines. CL Olson, LP Acosta, N Hochberg, RM Olveda, **M Jiz**, **ST McGarvey**, JD Kurtis, D Bellinger, JF Friedman. PloS NTDs 2009; 3(10): e533. doi:10.1371/journal.pntd.0000533. PMID: 19847303, PMCID: PMC2761538.
  130. Suggestive linkage detected for blood pressure related traits on 2q and 22q in the population on the Samoan islands. **K Åberg**, F Dai, S Viali, J Tuitele, G Sun, SR Indugula, R Deka, DE Weeks, **ST McGarvey**. BMC Med Genet 2009; 10: 107. doi:10.1186/1471-2350-10-107. PMID: 19852796. PMCID: PMC2770055.
  131. A tagging SNP on INSIG2 is associated with obesity-related phenotypes among Samoans. R Deka, L Xu, P Pal, PT Toelue, TS Laumoli, H Xi, G Zhang, DE Weeks, **ST McGarvey**. BMC Med Genet 2009; 10:143. PMID: 20028541, PMCID: PMC2804583.
  132. Analysis of Human CYP1A1 and CYP1A2 Genes and Their Shared Bidirectional Promoter in Eight World Populations. Jorge-Nebert LF, Jiang Z, Chakraborty R, Watson J, Jin L, **McGarvey ST**, Deka R, Nebert DW. Human Mutation 2010; 31(1):27-40. PMID: 19802894, PMCID: PMC2797837.

133. Estimating the sensitivity and specificity of Kato-Katz stool examination technique for detection of hookworm, *Ascaris lumbricoides*, and *Trichuris trichiura* infections in humans in the absence of a ‘gold standard’. MR Tarafder, H Carabin, L Joseph, E Balolong Jr, R Olveda, **ST McGarvey**. Int J Parasit 2010; 40: 399–404. PMID: 19772859, PMCID: PMC2829363.
134. High prevalence of *S. japonicum* infection in Philippine water buffalo assessed by real-time PCR. H-Wei Wu, Y Qin, K Chu, R Meng, Y Liu, **ST McGarvey**, R Olveda, L Acosta, M-J Ji, T Fernandez, JF Friedman, JD Kurtis. Am J Trop Med Hyg 2010; 82(4): 646–652. doi:10.4269/ajtmh.2010.09-0638. PMID: 20348514, PMCID: PMC2844580.
135. Sero-prevalence of cysticercosis in children and young adults living in a helminth endemic community in Leyte, the Philippines. J-M Xu, L Acosta, M Hou, D Manalo, M Jiz, B Jarilla, A Pablo, R Olveda, G Langdon, **ST McGarvey**, J Kurtis, J Friedman, H-W Wu. J Trop Med 2010: 603174. doi.org/10.1155/2010/603174. doi:10.1155/2010/603174. PMID: 20368794, PMCID: PMC2846682.
136. Reduction in hookworm infection following praziquantel treatment among children and young adults in Leyte, the Philippines. J Shaw, N Aggarwal, L Acosta, M Jiz, H-W Wu, T Leenstra, H Coutinho, R Olveda, JD Kurtis, **ST McGarvey**, J Friedman. Am J Trop Med Hyg 2010; 83 (2): 416-21. PMID: 20682892, PMCID: PMC2911195.
137. Cultural Translation of Interventions: Diabetes Care in American Samoa. J DePue, R Rosen, M Batts-Turner, N Bereolos, M House, RF Held, M Goldstein, O Nu’usolia, J Tuitele, **ST McGarvey**. Am J Public Health 2010; 100: 2085-2093. doi:10.2105/AJPH.2009.170134; PMID: 20864729. PMCID: PMC2951958.
138. Preliminary Blood Lipid, Lipoprotein and Glucose Findings from the Genome-wide Association Study of Adiposity in Samoans. NL Hawley, HL Menard, G Agha, **ST McGarvey**. Samoa Medical Journal 2010; 2 (2): 11-16. PMCID: PMC3951835. NIHMSID: NIHMS546248.
139. Growth of infants born to HIV-infected women in South Africa according to maternal and infant characteristics. KK Venkatesh, MN Lurie, EW Triche, G De Bruyn, JI Harwell, **ST McGarvey**, GE Gray. Trop Med & Intl Health 2010; 15(11): 1364-1374. doi: 10.1111/j.1365-3156.2010.02634.x. PMID: 20955499.
140. Patient and Healthcare Provider Views of Depressive Symptoms and Diabetes in American Samoa. RF Held, J DePue, R Rosen, N Bereolos, O Nu’usolia, J Tuitele, M Goldstein, M House, **ST McGarvey**, Cult Div & Ethn Minor Psych 2010; 16 (4): 461-467. PMC: 21058808, PMCID: PMC3050566.
141. Health, well-being and social context of Samoan migrant populations. **ST McGarvey**, A Seiden. NAPA Bulletin (National Association for the Practice of Anthropology; Issue on Anthropological Perspectives on Migration and Health), 2010; 34 (1): 213–228. DOI:10.1111/j.1556-4797.2010.01060.x.
142. Morbidity and mortality among infants born to HIV-infected women in South Africa: implications for child health in resource-limited settings. KK Venkatesh, G De Bruyn, E Marinda, K Ot wombe, R van Niekerk, M Urban, EW Triche, **ST McGarvey**, MN Lurie, GE Gray. Jl of Trop Pediatr 2011; 57(2):109-19. PMID: 20601692. PMID: 20601692, PMCID: PMC3107462.
143. Ecological and sociodemographic effects on urinary catecholamine excretion in

- adult Samoans. MR Bergey, MS Steele, DA Bereiter, S Viali, **ST McGarvey**. Ann Hum Biol 2011; 38 (2): 137-145. doi: 10.3109/03014460.2010.499882. PMID: 20836724. PMCID: PMC3696889.
144. Adipose tissue palmitoleic acid and obesity in humans: does it behave as a 'lipokine'? J Gong, H Campos, **ST McGarvey**, Z Wu, R Goldberg, A Baylin. Am J Clin Nutr 2011; 93 (1): 186-91. PMID: 21084651. PMID: 21084651, PMCID: PMC3001604.
145. Tissue inhibitor of Matrix Metalloprotease-1 predicts risk of hepatic fibrosis in human *schistosoma japonicum* infection. V Fabre, H Wu, S PondTor, H Coutinho, L Acosta, M Jiz, R Olveda, L Cheng, ES White, B Jarilla, **ST McGarvey**, JF Friedman, JD Kurtis. Jl of Infect Dis 2011; 203(5):707-14. PMID: 21199883. PMCID: PMC3072733.
146. Assessing the impact of misclassification error on an epidemiological association between two helminthic infections. MR Tarafder, H Carabin, **ST McGarvey**, L Joseph, E Balolong Jr, R Olveda. PLoS Negl Trop Dis 2011; 5(3): e995. doi:10.1371/journal.pntd.0000995. PMID: 21468317, PMCID: PMC3066162.
147. First assessment of menstrual cycle function and reproductive endocrine status in Samoan women. G Lambert- Messerlian, MB Roberts, SS Urlacher, J Ah-Ching, S Viali, **ST McGarvey**. Human Reproduction 2011; 26(9):2518-24. doi: 10.1093/humrep/der095. PMID: 21677061. PMCID: PMC3157623.
148. Behavioral and perceived stressor effects on urinary catecholamine excretion in adult Samoans. MR Bergey, MS Steele, DA Bereiter, S Viali, **ST McGarvey**, Am J Human Biol 2011; 23:693–702. DOI: 10.1002/ajhb.21198. PMID: 21793091. PMCID: PMC3152635.
149. Cardiovascular disease risk factors and DNA methylation at the *LINE-1* repeat region in peripheral blood from Samoan islanders. HL Cash, **ST McGarvey**, EA Houseman, CJ Marsit, NL Hawley, GM Lambert-Messerlian, S Viali, J Tuitele, KT Kelsey. Epigenetics 2011; 6 (10):1257-64. doi: 10.4161/epi.6.10.17728. PMID: 21937883. PMCID: PMC3225843.
150. Genetic variation in stearoyl CoA desaturase 1 is associated with metabolic syndrome prevalence in Costa Rican adults. J Gong, H Campos, **ST McGarvey**, Z Wu, R Goldberg, A Baylin. Jl Nutr 2011; 141(12):2211-8. PMID: 22049297. PMCID: PMC3223878.
151. Common variants in *FTO* are not significantly associated with obesity-related phenotypes among Samoans of Polynesia. R Karns, S Viali, J Tuitele, S Guanyun, H Cheng, DE Weeks, **ST McGarvey**, R Deka. Ann Hum Genet 2012; 76: 17-24. doi: 10.1111/j.1469-1809.2011.00686.x. PMID: 22084931. PMCID: PMC3272784.
152. Long-term trends in food availability, food prices, and obesity in Samoa. A Seiden, N Hawley, D Schulz, S Raifman, **ST McGarvey**. Am J Hum Biol 2012; 24: 286-295. PMID: 22371334. PMCID: PMC3323707.
153. Inverse associations between perceived racism and coronary artery calcification. NJ Everage, A Gjelsvik, **ST McGarvey**, CD Linkletter, EB Loucks. Ann Epid 2012; 22 (3): 183-190. PMID: 22365645. PMCID: PMC3966306.
154. Indicators of Cardiometabolic Risk in Samoan Adolescents. NL Hawley, LM Wier, HL Cash, S Viali, J Tuitele, **ST McGarvey**. Am J Human Biology 2012; 24

- (4): 551-557. PMID: 22430949. PMCID: PMC3705767.
155. Treatment for *Schistosoma japonicum*, Reduction of Intestinal Parasite Load and Cognitive Test Score Improvements in School-Aged Children. **AE Ezeamama, ST McGarvey, J Hogan, KL Lapane, DC Bellinger, LP Acosta, T Leenstra, RM Olveda, JD Kurtis, JF Friedman.** *PLoS Negl Trop Dis* 2012; 6(5): e1634. doi:10.1371/journal.pntd.0001634. PMID: 22563514, PMCID: PMC3341324.
  156. Determinants and spatial patterns of adult overweight and hypertension in a high HIV prevalence rural South African population. **Zhou J, Lurie MN, Bärnighausen T, McGarvey ST, Newell ML, Tanser F.** *Health and Place* 2012; 18(6):1300-6. PMID: 23085938, PMCID: PMC3989767.
  157. Fatigue and Fear with Shifting Polio Eradication Strategies in India: An Ethnographic Study of Social Resistance to Vaccination. **RS Hussain, ST McGarvey, T Shahab, LM Fruzzetti.** *PLoS ONE*, 2012; 7(9): e46274. doi:10.1371/journal.pone.0046274. PMID: 23050003, PMCID: PMC3458871.
  158. Epigenetics, and human biology and health responses to modernization in the Samoan Archipelago. **ST McGarvey.** *Collegium Antropologicum* 2012; 36 (4): 1169-73. PMID: 23390807, PMCID: PMC3820283.
  159. Medication-taking beliefs and diabetes in American Samoa: a qualitative inquiry. **DW Stewart, J DePue, RK Rosen, N Bereolos, MG Goldstein, J Tuitele, O Nu'usolia, ST McGarvey.** *Transl Behav Med* 2013; 3:30–38. doi: 10.1007/s13142-012-0114-y. PMID: 23539136. PMCID: PMC3607390.
  160. INSIG2 variants, dietary patterns, and metabolic risk in Samoa. **A Baylin, R Deka, J Tuitele, S Viali, DE Weeks, ST McGarvey.** *Eur J Clin Nutr* 2013; 67(1):101-7. PMID 22968099. PMCID 3634362.
  161. The contribution of feeding mode to obesogenic growth trajectories in American Samoan infants. **NL Hawley, W Johnson, O Nu'usolia, ST McGarvey.** *Pediatric Obesity* 2014; 9(1):e1-e13. doi: 10.1111/j.2047-6310.2012.00137.x. PMID: 23386576. PMCID: PMC3797146.
  162. Nurse-community health worker team improves diabetes care in American Samoa: results of a randomized controlled trial. **JD DePue, S Dunsiger, AD Seiden, J Blume, RK Rosen, MG Goldstein, O Nu'usolia, J Tuitele, ST McGarvey.** *Diabetes Care* 2013; 36 (7):1947-1953. doi:10.2337/dc12-1969. PMID: 23393217. PMCID: PMC3687286.
  163. A case-control study of physical activity patterns and risk of non-fatal myocardial infarction. **J Gong, H Campos, M Joseph, A Fiecas, ST McGarvey, R Goldberg, C Richardson, A Baylin.** *BMC Public Health* 2013; 13:122, 2013. doi: 10.1186/1471-2458-13-122. PMID: 23390965, PMCID: PMC3585466.
  164. Implementation of Permutation Testing to Determine Clustering of Social and Behavioral Risk Factors for Coronary Heart Disease, NHANES 2001-2004. **NJ Everage, CD Linkletter, A Gjelsvik, ST McGarvey, EB Loucks.** *Ann Epidemiol.* 2013; 23(7): 381-7. doi: 10.1016/j.annepidem.2013.04.007. PMID: 23688719. PMCID: PMC4403790.
  165. The Threat of Disease Increases as Species Move Toward Extinction. **MJ Heard, KF Smith, K Ripp, M Berger, J Chen, J Dittmeier, M Goter, ST McGarvey, E Ryan.** *Conserv Biol.* 2013; 27(6):1378-88. doi: 10.1111/cobi.12143. PMID: 24033873. PMCID: PMC4398030.

166. Implementation of a culturally tailored diabetes intervention with community health workers in American Samoa. JD DePue, RK Rosen, A Seiden, N Bereolos, ML Chima, MG Goldstein, O Nu'usolia, J Tuitele, **ST McGarvey**. Diabetes Educator 2013; 39 (6): 761 - 771. doi:10.1177/0145721713504630. PMID: 24052204. PMCID: PMC4062972.
167. Impact of a Diabetes Control and Management Intervention on Healthcare Utilization in American Samoa. S Hamid, S Dunsiger, AD Seiden, O Nu'usolia, J Tuitele, JD DePue, **ST McGarvey**. Chronic Illness 2014; 10 (2): 122 – 134. doi: 10.1177/1742395313502367. PMID: 24085749. PMCID: PMC4218844.
168. Barriers to adequate prenatal care utilization in American Samoa. NL Hawley, C Brown, O Nu'usolia, J Ah-Ching, B Muasau-Howard, **ST McGarvey**. Matern Child Health J, 2014 18 (10): 2284-2292. Epub Sept 19, 2013; doi: 10.1007/s10995-013-1368-9. PMID: 24045912. PMCID: PMC3959630.
169. Global, regional and national sodium intakes in 1990 and 2010: a systematic analysis of 24 h urinary sodium excretion and dietary surveys worldwide. J Powles, S Fahimi, R Micha, S Khatibzadeh, P Shi, M Ezzati, RE Engell, SS Lim, G Danaei, D Mozaffarian, on behalf of the Global Burden of Diseases Nutrition and Chronic Diseases Expert Group (NutriCoDE). (**ST McGarvey** as coauthor in the appendix group author list). BMJ Open 2013; 3:e003733. doi:10.1136/bmjopen-2013-003733. PMID: 24366578; PMCID: 3884590.
170. Ovarian function in Samoan women shows stronger association with signals of energy metabolism than fat reserves. DS Sherry, **ST McGarvey**, ML Sesevasara, PT Ellison. Am J Human Biology 2014; 26: 95–98. doi: 10.1002/ajhb.22465. PMID: 24375833; PMCID: PMC4403792.
171. Risk Associated with Sociobehavioral Clustering Versus its Individual Components, NHANES 2001-2004. N Everage, C Linkletter, A Gjelsvik, **ST McGarvey**, E Loucks. BioMed Research International 2014, Article ID 389853, 13 pp. <http://dx.doi.org/10.1155/2014/389853>. PMID: 23688719 PMCID: PMC3955670.
172. Global, regional, and national consumption levels of dietary fats and oils in 1990 and 2010: a systematic analysis including 266 country-specific nutrition surveys. R Micha, S Khatibzadeh, P Shi, S Fahimi, S Lim, KG Andrews, RE Engell, J Powles, M Ezzati, D Mozaffarian on behalf of the Global Burden of Diseases Nutrition and Chronic Diseases Expert Group (NutriCoDE) BMJ 2014; 348:g2272 doi: 10.1136/bmj.g2272. PMID: 24736206. PMCID: PMC3987052. (**ST McGarvey** member of Group in the appendix author list).
173. Migration and the Epidemiological Transition: Insights from the Agincourt sub-district of northeast South Africa. MA Collinson, MJ White, P Bocquier, **ST McGarvey**, S Afolabi, SJ Clark, K Kahn, SM Tollman. Glob Health Act 2014, 7: 23514. doi.org/10.3402/gha.v7.23514. PMID: 24848656; PMCID: PMC4028907. (ST McGarvey as coauthor in the appendix group author list).
174. Prevalence of Adiposity and Associated Cardiometabolic Risk Factors in the Samoan Genome-Wide Association Study. NL Hawley, RL Minster, DE Weeks, S Viali, MS Reupena, G Sun, H Cheng, R Deka, **ST McGarvey**. Am J Human Biol 2014. 26: 491-501. DOI: 10.1002/jhb.22553. PMID: 24799123. PMCID: PMC4292846.

175. Translating the Semi-Structured Assessment for Drug Dependence and Alcoholism (SSADDA) in the Western Pacific: rationale, study design, and reliability of alcohol dependence. AE Quinn, R Rosen, J McGeary, F Amoa, HR Kranzler, S Francaziof, **ST McGarvey**, R Swift. Alcohol and Alcoholism 2014, 49 (5): 525-30. Epub 2014 Jun 16doi: 10.1093/alcalc/agu035. PMID: 24936588. PMCID: PMC4128669.
176. Football with Three Halves: An Evaluation of the football3 Fair Play Methodology at the Football for Hope Festival 2010. KR Gannett, Z Kaufman, M Clark, **ST McGarvey**. Jl of Sport for Development 2014, 2 (3): Epub 19Sept 2014. <http://wp.me/p20wdD-q8>.
177. Geographical distribution of human *Schistosoma japonicum* infection in the Philippines: tools to support disease control and further elimination. RJ Soares Magalhães, MS Salamat, L Leonardo, D Gray, H Carabin, K Halton, DP McManus, G Williams, P Rivera, O Saniel, L Hernandez, L Yakob, **ST McGarvey**, A Clements. Int J Parasitol. 2014, 44 (13): 977-84. doi: 10.1016/j.ijpara.2014.06.010. PMID:25128879, PMCID: PMC4407142.
178. Stratified randomization controls better for batch effects in 450K methylation analysis: A cautionary tale. OD Buhule, RL Minster, NL Hawley, M Medvedovic, G Sun, S Viali, R Deka, **ST McGarvey**, DE Weeks. Front. Genet. 2014 5:354. doi: 10.3389/fgene.2014.00354. PMCID: PMC4195366.
179. *Schistosoma japonicum* in Samar, the Philippines: infection in dogs and rats is a risk factor for human infection. H Carabin, **ST McGarvey**, I Sahl, MR Tarafder, L Joseph, BD Andrade, E Balolong Jr., R Olveda. Epidem Infect 2015;143(8):1767-76. doi:10.1017/S0950268814002581. PMID: 25274409.
180. Global sodium consumption and death from cardiovascular causes. D Mozaffarian, S Fahimi, GM Singh, R Micha, S Khatibzadeh, RE Engell, S Lim, G Danaei, M Ezzati, J Powles; Global Burden of Diseases Nutrition and Chronic Diseases Expert Group. (**ST McGarvey** as member of Group in appendix list). N Engl J Med. 2014 Aug 14; 371(7):624-34. doi: 10.1056/NEJMoa1304127. PMID: 25119608.
181. Partition and Poliomyelitis: An Investigation of the Polio Disparity Affecting Muslims during India's Eradication Program. RS Hussain, **ST McGarvey**, LM Fruzzetti. PLoS ONE, 2015, 10(3): e0115628. doi: 10.1371/journal.pone.0115628. PMID: 25742622, PMCID: PMC4350996.
182. Gestational weight gain among American Samoan women and its impact on delivery and infant outcomes NL Hawley, W Johnson, CN Hart, EW Triche, J Ah-Ching, B Muasau-Howard, **ST McGarvey**. BMC Pregnancy and Childbirth, 2015, 15: (1) 10. DOI: 10.1186/s12884-015-0451-1. PMCID: PMC4324802.
183. Dietary quality among men and women in 187 countries in 1990 and 2010: a systematic assessment. Imamura F, Micha R, Khatibzadeh S, et al, on behalf of the Global Burden of Diseases Nutrition and Chronic Diseases Expert Group (NutriCoDE). (**ST McGarvey** as member of Group in appendix author list). Lancet Glob Health 2015; 3: e132–42.
184. Estimated Global, Regional, and National Disease Burdens Related to Sugar-Sweetened Beverage Consumption in 2010. Singh GM, Micha R, Khatibzadeh S, Lim S, Ezzati M, Mozaffarian D; Global Burden of Diseases Nutrition and

- Chronic Diseases Expert Group (NutriCoDE). Circulation 2015; 132 (8): 639-66. (ST McGarvey as member of Group in appendix list). doi:10.1161/CIRCULATIONAHA.114.010636
185. Global, Regional, and National Consumption of Sugar-Sweetened Beverages, Fruit Juices, and Milk: A Systematic Assessment of Beverage Intake in 187 Countries. Singh GM, Micha R, Khatibzadeh S, Shi P, Lim S, Andrews KG, Engell RE, Ezzati M, Mozaffarian D; Global Burden of Diseases Nutrition and Chronic Diseases Expert Group (NutriCoDE). (ST McGarvey as member of Group in appendix author list). PLoS One 2015 Aug 5;10(8):e0124845. doi: 10.1371/journal.pone.0124845.
  186. Obesity and Diabetes in Pacific Islanders: The Current Burden and the Need for Urgent Action. NL Hawley, ST McGarvey. Curr Diab Rep, 2015, 15:29 DOI 10.1007/s11892-015-0594-5. Epub Mar 27 2015. PMID: 25809458.
  187. Mothers' attitudes and beliefs about infant feeding highlight barriers to exclusive breastfeeding in American Samoa. NL Hawley, RK Rosen, EA Strait, G Ruffuci, I Holmdahl, JR Freeman, BT Muasau-Howard, ST McGarvey. Women and Birth 2015, 28 (3):e80-6. <http://dx.doi.org/10.1016/j.wombi.2015.04.002>.
  188. Impact of diabetes definition on global surveillance of diabetes prevalence and diagnosis: pooled analysis of 96 population-based studies with 331,000 participants. G Danaei, S Fahimi, Y Lu, B Zhou, K Hajifathalian, M DiCesare, W-C Lo, B Reis-Santos, MJ Cowan, JE Shaw, J Bentham, JK Lin, H Bixby, D Magliano, P Bovet, JJ Miranda, Y-H Khang, GA Stevens, LM Riley, MK Ali, M Ezzati on behalf of the NCD Risk Factor Collaboration (NCD-RisC). (ST McGarvey as member of Group in appendix author list) Lancet Diab & Endocrin, 2015, 3:624-37. [http://dx.doi.org/10.1016/S2213-8587\(15\)00129-1](http://dx.doi.org/10.1016/S2213-8587(15)00129-1). PMID: 26109024.
  189. Global, regional and national consumption of major food groups in 1990 and 2010: a systematic analysis including 266 country-specific nutrition surveys worldwide. R Micha, S Khatibzadeh, P Shi, KG Andrews, RE Engell, D Mozaffarian D; Global Burden of Diseases Nutrition and Chronic Diseases Expert Group (NutriCoDE). (ST McGarvey as member of Group in appendix author list). BMJ Open. 2015 Sep 24;5(9):e008705. doi: 10.1136/bmjopen-2015-008705. PMID: 26408285, PMCID: PMC4593162.
  190. Feasibility and Effectiveness of the Baby Friendly Community Initiative in rural Kenya: Study Protocol for a Randomized Controlled Trial. EW Kimani-Murage, J Kimiywe, M Kabue, F Wekesah, E Matiri, N Muhia, M Wanjohi, P Muriuki, B Samburu, P Griffiths, N Madise, ST McGarvey. Trials, 2015, 16:431, doi:10.1186/s13063-015-0935-3. PMID: 26416177. PMCID 4587817.
  191. Hospital practices and concerns about infant satiety are barriers to exclusive breastfeeding in American Samoa. NL Hawley, I Holmdahl, E Strait, J Freeman, B Muasau-Howard, A Solaita, ST McGarvey. Pacific Journal of Reproductive Health, 2015; 1:14-24. DOI: 10.18313/pjrh.2015.905.
  192. Mapping the risk of soil-transmitted helminth infections in the Philippines. MS Salamat, RJS Magalhães, L Leonardo, DJ Gray, H Carabin, K Halton, DP McManus, GM Williams, P Rivera, O Sanieel, L Hernandez, R Olveda, L Yakob, ST McGarvey, A Clements. PLoS Negl Trop Dis 2015 9(9): e0003915.

- doi:10.1371/journal.pntd.0003915. PMID: 26368819.
193. Long-term Impact of a Community Health Worker Intervention on Diabetes Control in American Samoa. M Rao, J DePue, S Dunsiger, M Elsayed, O Nu'usolia, **ST McGarvey**. Prev Chronic Dis 2015; 12: 150160. doi: 10.5888/pcd12.150160. PMID: 26491815. PMCID: PMC4617456.
  194. Redefining disease emergence to improve prioritization and macro-ecological analyses. SR Rosenthal, RS Ostfeld, **ST McGarvey**, MN Lurie, KF Smith. One Health, 2015; 1: 17-23. doi:10.1016/j.onehlt.2015.08.001 1.
  195. HIV incidence prior to, during, and after violent conflict in 36 sub-Saharan African nations, 1990-2012: An ecological study. BW Bennett, BDL Marshall, A Gjelsvik, **ST McGarvey**, MN Lurie. PLoS ONE 2015 10(11): e0142343. doi:10.1371/journal.pone.0142343. PMID: 26562434.
  196. Potential effectiveness of Community Health Strategy to promote exclusive breastfeeding in urban poor settings in Nairobi, Kenya: A quasi-experimental study. E Kimani-Murage, SA Norris, MK Mutua, F Wekesah, M Wanjohi, N Muhia, P Muriuki, T Egondi, C Kyobutungi, A Ezech, RN Musoke, **ST McGarvey**, NJ Madise, PL Griffiths. J Dev Orig Health Dis. 2016 7 (2):172-84. doi: 10.1017/S2040174415007941. PMID: 26708714.
  197. Impact of Nonoptimal Intakes of Saturated, Polyunsaturated, and Trans Fat on Global Burdens of Coronary Heart Disease. Q Wang, A Afshin, M Y Yakoob, GM Singh, CD Rehm, S Khatibzadeh, R Micha, P Shi, D Mozaffarian Global Burden of Diseases Nutrition and Chronic Diseases Expert Group (NutriCoDE). (**ST McGarvey** as member of Group in appendix author list). Jl Am Heart Assoc. 2016;5:e002891. doi.org/10.1161/JAHA.115.002891
  198. Trends in adult body mass index in 200 countries from 1975 - 2014: a pooled analysis of 1,698 population-based measurement studies with 19.2 million participants. NCD Risk Factor Collaboration (NCD-RisC). Lancet 2016; 387: 1377-96. doi.org/10.1016/S0140-6736(16)30054-X. (**ST McGarvey** as co-author In Country and Regional Data Group). PMID: 27115820.
  199. An evaluation of gestational diabetes mellitus screening practices in American Samoa. JR Freeman, K Thompson, BT Muasau-Howard, J Ah Ching, **ST McGarvey**, NL Hawley. Pacific Journal of Reproductive Health 2016; 1 (2):68-73. DOI: 10.18313/pjrh.2015.914.
  200. A thrifty variant in CREBRF strongly influences body mass index in Samoans. RL Minster, NL Hawley, C-T Su, G Sun, EE Kershaw, H Cheng, OD Buhule, J Lin, MS Reupena, S Viali, J Tuitele, T Naseri, Z Urban, R Deka, DE Weeks, **ST McGarvey**. Nature Genetics 2016, 48 (9): 1049-1054. doi:10.1038/ng.3620. PMID: 27455349, PMCID: PMC5069069.
  201. Worldwide trends in diabetes since 1980: pooled analysis of 751 population-based measurement studies with over 4.4 million participants. NCD Risk Factor Collaboration. (**ST McGarvey** co-author in the Pooled Analysis & Writing Group). Lancet 2016; 387: 1513–1530. dx.doi.org/10.1016/S0140-6736(16)00618-8. PMID: 27061677, PMCID: PMC5081106.
  202. Cut-off levels for hyperandrogenemia among Samoan women: an improved methodology for deriving normative data in an obese population. H Maredia, G Lambert-Messerlian, GE Palomaki, S Viali, NL Hawley, **ST McGarvey**. Clin

- Biochem 2016; 49 (10-11):782-6. doi: 10.1016/j.clinbiochem.2016.02.006.  
PMID: 26908216, PMCID: PMC4915982.
203. A century of trends in adult human height. NCD Risk Factor Collaboration (NCD-RisC). eLife 2016;5:e13410. DOI: 10.7554/eLife.13410. PMID: 27458798 PMCID: PMC4961475. (ST McGarvey as co-author in Country and Regional Data Group).
  204. Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980–2015: a systematic analysis for the Global Burden of Disease Study 2015. GBD 2015 Mortality and Causes of Death Collaborators (ST McGarvey as co-author). Lancet 2016; 388: 1459–1544. [http://dx.doi.org/10.1016/S0140-6736\(16\)31012-1](http://dx.doi.org/10.1016/S0140-6736(16)31012-1). PMID: 27733281.
  205. Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015. GBD 2015 Disease and Injury Incidence and Prevalence Collaborators (ST McGarvey as co-author). Lancet 2016; 388:1545–1602, DOI: [http://dx.doi.org/10.1016/S0140-6736\(16\)31678-6](http://dx.doi.org/10.1016/S0140-6736(16)31678-6). PMID: 27733282 PMCID: PMC5055577.
  206. Trends in diabetes and obesity in Samoa over 35 years, 1978-2013. S. Lin, T. Naseri, C. Linhart, S. Morrell, R. Taylor, ST McGarvey, DJ Magliano P. Zimmet. Diabetic Medicine 2017, 34(5): 654–661.doi: 10.1111/dme.13197. PMID: 27505623, PMCID: PMC5411261.
  207. Worldwide trends in blood pressure from 1975 to 2015: a pooled analysis of 1,479 population-based measurement studies with 19.1 million participants. NCD Risk Factor Collaboration (NCD-RisC) (ST McGarvey co-author Country & Regional Data Grp). Lancet 2017 389 (10064): 37-55. PMID: 27863813, PMCID: PMC5220163. doi: 10.1016/S0140-6736(16)31919-5.
  208. Dietary patterns are associated with metabolic outcomes among adult Samoans in a cross-sectional study. D Wang, NL Hawley, A Thompson, V Lameko, MS Reupena, ST McGarvey, A Baylin. J Nutr 2017, 147(4):628-635. doi: 10.3945/jn.116.243733. PMID: 28202634, PMCID: PMC5368585.
  209. Diabetes incidence and projections from prevalence surveys in Samoa over 1978-2013. S Lin, T Naseri, C Linhart, S Morrell, R Taylor, ST McGarvey, DJ Magliano, P Zimmet. Int J Pub Hlth, 2017, 62(6): 687-694. DOI 10.1007/s00038-017-0961-x. PMCID: PMC5487887.
  210. Variability and predictors of urinary concentrations of organophosphate flame retardant metabolites among pregnant women in Rhode Island. ME Romano, NL Hawley, M Eliot, AM Calafat, NK Jayatilaka, K Kelsey, ST McGarvey, MG Phipps, DA Savitz, EF Werner, JM Braun. Environmental Health 2017; 16:40 DOI 10.1186/s12940-017-0247-z. PMID: 28399857, PMCID: PMC5387223.
  211. Health effects of overweight and obesity in 195 countries over 25 years. The GBD 2015 Obesity Collaborators. (ST McGarvey as group co-author). N Engl J Med 2017; 377:13-27. DOI: 10.1056/NEJMoa1614362. PMCID: PMC5477817.
  212. Tobacco smoking trends in Samoa over four decades: Can continued globalization rectify that which it has wrought? C Linhart, T Naseri, S Lin, R Taylor, S Morrell, ST McGarvey, DJ Magliano, P Zimmet. Global Health 2017; 13:31. DOI 10.1186/s12992-017-0256-2. PMCID: PMC5469026
  213. Global, regional, and national under-5 mortality, adult mortality, age specific

- mortality, and life expectancy, 1970-2016: a systematic analysis for the Global Burden of Disease Study 2016. GBD 2016 Mortality and Causes of Death Collaborators (ST McGarvey as co-author). *Lancet* 2017; 390: 1084–1150. doi: 10.1016/S0140-6736(17)31833-0. PMID: PMC5605514.
214. Worldwide trends in body-mass index, underweight, overweight, and obesity from 1975 to 2016: a pooled analysis of 2416 population-based measurement studies in 128·9 million children, adolescents, and adults. NCD Risk Factor Collaboration (NCD-RisC). (ST McGarvey co-author Country & Regional Data Group) *Lancet* 2017; 390(10113):2627-2642. PMID: PMC5735219. DOI: 10.1016/S0140-6736(17)32129-3.
215. Predictors of prenatal care satisfaction among pregnant women in American Samoa. O Adeyinka, AM Jukic, ST McGarvey, BT Muasau-Howard, M Faiai, NL Hawley. *BMC Preg & Childbirth* 2017; 17:381. doi 10.1186/s12884-017-1563-6. PMID: PMC5689158.
216. Effectiveness of home-based nutritional counselling and support on exclusive breastfeeding in urban poor settings in Nairobi: A cluster randomized controlled trial. E Kimani-Murage, PL Griffiths, FM Wekesah, M Wanjohi, N Muhia, P Muriuki, T Egondi, C Kyobutungi, AC Ezeh, ST McGarvey, R Musoke, SA Norris, NJ Madise. *Globalization & Health* 2017; 13:90. doi 10.1186/s12992-017-0314-9. PMID: PMC5735795
217. Conceptions of pregnancy health and motivations for healthful behavior change among women in American Samoa. E Kocher, J Sternberg- Lamb, ST McGarvey, M Faiai, B Muasau-Howard, NL Hawley. *Women and Birth* 2018; 3 (1): e32–e41. doi.org/10.1016/j.wombi.2017.06.011. PMID: 28662836.
218. Response to comments by Hoyer and Brinks (2017) on: 'Diabetes incidence and projections from prevalence surveys in Samoa over 1978-2013'. S Lin, T Naseri, C Linhart, S Morrell, R Taylor ST McGarvey, P Zimmet. *Int J Public Health*. 2018 63(1):153-154. doi: 10.1007/s00038-017-1042-x. PMID: 29085958
219. Contributions of mean and shape of blood pressure distribution to worldwide trends and variations in raised blood pressure: a pooled analysis of 1018 population-based measurement studies with 88.6 million participants. NCD Risk Factor Collaboration (NCD-RisC). *Int J Epidemiol* 2018, epub Mar 19. doi: 10.1093/ije/dyy0161–21. (ST McGarvey co-author Country & Regional Data Grp). PMID: 29579276, PMID: PMC6005056.
220. Reproductive health, obesity, and cardiometabolic risk factors among Samoan women. H Maredia, NL Hawley, G Lambert-Messerlian, U Fidow, MS Reupena, T Naseri, ST McGarvey. *Am J Human Biol* 2018; e23106. doi:10.1002/ajhb.23106. PMID: 29663637. PMID: PMC5980683.
221. Discordant association of the minor allele *CREBRF rs373863828* variant with increased body mass index and protection from type 2 diabetes in Māori and Pacific (Polynesian) populations living in New Zealand. Krishnan M, Major TJ, Topless RK, Dewes O, Yu L, Thompson J, McCowan L, de Zoysa J, Stamp LK, Dalbeth N, Hindmarsh JH, Rapana N, Deka R, Eng WWH, Weeks DE, Minster RL, McGarvey ST, Naseri T, Reupena MA, Wilcox P, Grattan D, Shepherd PR, Shelling AN, Murphy R, Merriman TR. *Diabetologia*, 2018, 61 (7):1603-1613. doi: 10.1007/s00125-018-4623-1. PMID: 29721634. PMID:

PMC6434933.

222. Human biology of the Pacific (editorial). NL Hawley, **ST McGarvey**, Ann Hum Biology 2018; 45 (3): 171–174. doi.org/10.1080/03014460.2018.1477483. PMID: 29877156. PMCID: PMC6485950.
223. Continued increases in blood pressure over two decades in Samoa (1991-2013); around one-third of the increase explained by rising obesity levels. C Linhart, T Naseri, S Lin, R Taylor, S Morrell, **ST McGarvey**, DJ Magliano, P Zimmet. BMC Public Health 2018; 18:1122. doi.org/10.1186/s12889-018-6016-2. PMID: 30219049. PMCID: PMC6139166.
224. Deep-coverage whole genome sequences and blood lipids among 16,324 individuals. Natarajan P, Peloso GM, Zekavat SM, Montasser M, Ganna A, Chaffin M, Khera AV, Zhou W, Bloom JM, Engreitz JM, Ernst J, O'Connell JR, Ruotsalainen SE, Alver M, Manichaikul A, Johnson WC, Perry JA, Poterba T, Seed C, Surakka IL, Esko T, Ripatti S, Salomaa V, Correa A, Vasani RS, Kellis M, Neale BM, Lander ES, Abecasis G, Mitchell B, Rich SS, Wilson JG, Cupples LA, Rotter JI, Willer CJ, Kathiresan S; NHLBI TOPMed Lipids Working Group. (**ST McGarvey** co-author as Samoan study PI). Nat Commun. 2018 Aug 23;9(1):3391. doi: 10.1038/s41467-018-05747-8. PMID: 30140000. PMCID: PMC6107638.
225. Deep coverage whole genome sequences and plasma lipoprotein(a) in individuals of European and African ancestries. Zekavat SM, Ruotsalainen S, Handsaker RE, Alver M, Bloom J, Poterba T, Seed C, Ernst J, Chaffin M, Engreitz J, Peloso GM, Manichaikul A, Yang C, Ryan KA, Fu M, Johnson WC, Tsai M, Budoff M, Vasani RS, Cupples LA, Rotter JI, Rich SS, Post W, Mitchell BD, Correa A, Metspalu A, Wilson JG, Salomaa V, Kellis M, Daly MJ, Neale BM, McCarroll S, Surakka I, Esko T, Ganna A, Ripatti S, Kathiresan S, Natarajan P; NHLBI TOPMed Lipids Working Group. (**ST McGarvey** co-author as Samoan study PI). Nat Comm 2018 Jul 4;9(1):2606. doi: 10.1038/s41467-018-04668-w. PMID: 29973585. PMCID: PMC6031652. Erratum: Nat Comm. 2018 Aug 23;9(1):3493. PMID: 30140049.
226. Socio-cultural norms of body size in Westerners and Polynesians affect heart rate variability and emotion during social interactions. A Schrimpf, **ST McGarvey**, D Haun, J Kube, A Villringer, M Gaebler. Culture and Brain 2019; 7: 26–56. https://doi.org/10.1007/s40167-018-0071-5.
227. "It's free, it's available, and it's healthy": a cross-sectional, qualitative study of fathers' preferences for breastfeeding in American Samoa and their desire for father-specific, practical breastfeeding education. N Hawley, JR Freeman, T Wetle, EA Strait, I Holmdahl, BT Muasau-Howard, MJE Suisala, AE To'oto'o-Solaita, RK Rosen, **ST McGarvey**. Pac JI Reprod Health 2019;1(8):447-461. DOI: 10.18313/pjrh.2019.905
228. Dimensions of internal migration and their relationship to blood pressure in South Africa. CF Pheiffer, **ST McGarvey**, C Ginsburg, FX Gómez-Olivé, M Collinson, S Tollman, MJ White. Jl Biosoc Sci 2019; 51(6): 827–842. PMCID: PMC6825752, PMID: 31131777. doi: 10.1017/S0021932019000130.
229. Cost effectiveness analysis of a cluster randomized culturally-tailored, community-health worker home-visiting diabetes intervention versus standard care in American Samoa. SJ Huang, O Galarraga, KA Smith, S Fuimaono, **ST McGarvey**. Human Resources for Health 2019; 17 (1):17.

- doi.org/10.1186/s12960-019-0356-6. PMID: 30836964. PMCID: PMC6402127.
230. Rising rural body-mass index is the main driver of the global obesity epidemic in adults. NCD Risk Factor Collaboration (NCD-RisC). [ST McGarvey as co-author in the Writing Group, and the Country & Regional Data Group]. Nature 2019 569: 260-264. PMID: 31068725. PMCID: PMC6784868.
231. Epidemiological and health systems implications of the evolving HIV and hypertension in South Africa and Kenya. B Osetinsky, J Hontelez, M Lurie, **ST McGarvey**, G Bloomfield, S Pastakia, B Wamai, T Bärnighausen, S deVlas, O Galárraga. Health Affairs 2019 38; (7): 1173–1181. doi:10.1377/hlthaff.2018.05287. PMID: 31260360. PMCID: PMC7983613.
232. Hypertension control and retention in care among HIV-infected patients: the effects of co-located HIV and chronic non-communicable disease care. B Osetinsky, BL Genberg, GS Bloomfield, J Hogan, S Pastakia, E Sang, A Ngressa, A Mwangi, MN Lurie, **ST McGarvey**, O Galárraga. JAIDS: Journal of Acquired Immune Deficiency Syndromes, 2019; 82(4): 399- 406. PMCID: PMC6822379.
233. Tobacco smoking patterns in Samoa in 2010: Implications for Interventions. AC Adia, NL Hawley, T Naseri, MS Reupena, **ST McGarvey**. Tobacco Prevention and Cessation, 2019; 5:50. PMID: 32411912, PMCID: PMC7205054, doi: 10.18332/tpc/114093.
234. Pelvic organ prolapse symptoms in American Samoan women. KE Cohen, **ST McGarvey**, P Has, B Hampton. Female Pelvic Med Reconstr Surg 2020;26: 677–681. PMID: 30489340. doi: 10.1097/SPV.0000000000000673.
235. Changing body norms in the context of increasing body size: Samoa in 1995 and 2018. SB To, AA Brewis, A Pomer, T Naseri, MS Reupena, **ST McGarvey**, NL Hawley. Am J of Human Biology 2020; 32: e23395. PMID: 32017275, doi:10.1002/ajhb.23395. PMCID: PMC7919740.
236. Associations between socioeconomic resources and adiposity traits in adults: Evidence from Samoa. CC Choy, NL Hawley, T Naseri, MS Reupena, **ST McGarvey**. Social Science & Medicine: Population Health, 2020; 10: 100556. PMID: 32140541, PMCID: PMC7044745, doi.org/10.1016/j.ssmph.2020.100556.
237. A missense variant in CREBRF is associated with taller stature in Samoans. JC Carlson, SL Rosenthal, EM Russell, NL Hawley, G Sun, H Cheng, T Naseri, MS Reupena, J Tuitele, R Deka, **ST McGarvey**, DE Weeks, RL Minster. Am J Human Biol 2020; e23414. PMID: 32190945, PMCID: PMC7501196. doi.org/10.1002/ajhb.23414.
238. Evolutionary history of modern Samoans. DN Harris, MD Kessler, AC Shetty, DE Weeks, RL Minster, S Browning, EE Cochrane, R Deka, NL Hawley, MS Reupena, T Naseri, Trans-Omics for Precision Medicine (TOPMed) Consortium, TOPMed Population Genetics Working Group, **ST McGarvey**, TD O'Connor. Proc Natl Acad Sci USA, 2020; 117 (17): 9458-9465. PMID: 32291332, PMCID: PMC7196816, doi.org/10.1073/pnas.1913157117.
239. Exploring the paradoxical relationship of a Creb 3 regulatory factor missense variant with body mass index and diabetes among Samoans: protocol for the *Soifua Manuia* (good health) observational cohort study. NL Hawley, A Pomer, AC Rivara, SL Rosenthal, RL Duckham, JC Carlson, T Naseri, MS Reupena, M Selu, V Lupematisila, F Unasa, L Vesi, T Fatu, S Unasa, K Faasalele-Savusa, A

- Wetzel, C Soti-Ulberg, AT Prescott, G Siufaga, C Penaia, S To, LC LaMonica, V Lameko, CC Choy, SE Crouter, S Redline, R Deka, EE Kershaw, Z Urban, RL Minster, DE Weeks, **ST McGarvey**. *JMIR Res Protoc*. 2020; 9 (7):e17329. doi: 10.2196/17329. PMID: 32706746, PMCID: PMC7413272.
240. Dynamic incorporation of multiple in-silico functional annotations empowers rare variant association analysis of large whole-genome sequencing studies at scale. Li X, Li Z, Zhou H, Gaynor SM, Liu Y, Chen H, Sun R, Dey R, Arnett DK, Aslibekyan S, Ballantyne CM, Bielak LF, Blangero J, Boerwinkle E, Bowden DW, Broome JG, Conomos MP, Correa A, Cupples LA, Curran JE, Freedman BI, Guo X, Hindy G, Irvin MR, Kardina SLR, Kathiresan S, Khan AT, Kooperberg CL, Laurie CC, Liu XS, Mahaney MC, Manichaikul AW, Martin LW, Mathias RA, **McGarvey ST**, Mitchell BD, Montasser ME, Moore JE, Morrison AC, O'Connell JR, Palmer ND, Pampana A, Peralta JM, Peyser PA, Psaty BM, Redline S, Rice KM, Rich SS, Smith JA, Tiwari HK, Tsai MY, Vasani RS, Wang FF, Weeks DE, Weng Z, Wilson JG, Yanek LR; NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium; TOPMed Lipids Working Group, Neale BM, Sunyaev SR, Abecasis GR, Rotter JI, Willer CJ, Peloso GM, Natarajan P, Lin X. *Nature Genetics* 2020; 52: 969–983. PMID: 32839606, PMCID: PMC7483769.
241. Repositioning of the global epicentre of nonoptimal cholesterol. NCD Risk Factor Collaboration (NCD-RisC). [**ST McGarvey** as co-author in the Country & Regional Data Group]. *Nature* 2020; 582: 73–77. PMCID: PMC7332422. PMID: 32494083. doi.org/10.1038/s41586-020-2338-1.
242. Effectiveness of the baby-friendly community initiative in promoting exclusive breastfeeding among HIV negative and positive mothers: a randomized controlled trial in Koibatek Sub-County, Baringo, Kenya. BM Samburu SL Young, FM Wekesah, MN Mwanjohi, J Kimiywe, P Muriuki, P Griffiths, **ST McGarvey**, N Madise, E Kimani-Murage. *Int Breastfeed J*, 2020; 15: 62. doi.org/10.1186/s13006-020-00299-4. PMID: 32664987, PMCID: PMC7362439.
243. Alcohol consumption among Samoan adults in 2010: patterns, correlates and health implications. **J Jiang**, MS Reupena, T Naseri, J McGeary, RM Swift, **ST McGarvey**. *Alcohol and Alcoholism*. 2020; 55 (6): 681–689, doi.org/10.1093/alcalc/agaa066. PMID: 32666120. PMCID: PMC7576504.
244. Factors associated with adherence to follow up care after burn injuries in KwaZulu-Natal, South Africa. **C Rencken**, N Allorto, A Harrison, **ST McGarvey**, AR Aluisio. *Burns* 2020; doi/10.1016/j.burns.2020.06.029.
245. Genome-wide association studies in Samoans give insight into the genetic architecture of fasting serum lipid levels. JC Carlson, DE Weeks, NL Hawley, G Sun, H Cheng, T Naseri, MS Reupena, J Tuitele, R Deka, **ST McGarvey**, RL Minster. *J Hum Genet*. 2021 Feb;66(2):111-121. doi: 10.1038/s10038-020-0816-9. Epub 2020 Aug 5. PMID: 32759990; PMCID: PMC7785639.
246. A missense variant in CREBRF, rs373863828, is associated with fat-free mass, not fat mass in Samoan infants. **KJ Arslanian**, UT Fidow, T Atanoa, F Unasa-Apelu, T Naseri, A Wetzel, A Pomer, RL Duckham, **ST McGarvey**, J Strayer, EE Kershaw, DE Weeks, NL Hawley. *Int J Obesity* 2021; 45: 45–55 (2021). doi: 10.1038/s41366-020-00659-4. PMID: 32884101. PMCID: PMC8329753.
247. Height and body-mass index trajectories of school-aged children and adolescents

- from 1985 to 2019 in 200 countries: Pooled analysis of 2,182 population-based studies with 65 million participants. NCD Risk Factor Collaboration (NCD-RisC). [ST McGarvey as co-author in the Country & Regional Data Group]. *Lancet* 2020; 396: 1511–24. doi.org/10.1016/s0140-6736(20)31859-6. PMID: 33160572 PMCID: PMC7658740.
248. Effect of maternal nutrient intake during 31-37 weeks gestation on offspring body composition in Samoa. K Arslanian, U Fidow, T Atanoa, T Naseri, R Duckham, **ST McGarvey**, NL Hawley. *Ann Hum Biol*, 2020; 47:7-8, 587-596. PMID: 32892647. PMCID: PMC7900936. doi.org/10.1080/03014460.2020.1820078.
249. Assessing the impact of high blood pressure referrals on hypertension awareness and management, BMI, and blood pressure in adult Samoans 2010-2019. A Rivara, A Pomer, T Naseri, MS Reupena, S Viali, C Choy, **ST McGarvey**, NL Hawley. *Ann Hum Biol* 2020, 47:7-8;597-601, doi.org/10.1080/03014460.2020.1822914. PMID: 32924611, PMCID: PMC8180238, NIHMS1660098.
250. Burden of stigma among tuberculosis patients in a pastoralist community in Kenya: a mixed methods study. Mbutia GW, Nyamogoba HDN, Chiang SS, **McGarvey ST**. *PLoS ONE*, 2020 15(10):e0240457. doi.org/10.1371/journal.pone.0240457. PMCID: PMC7561176. PMID: 33057420.
251. Inherited Causes of Clonal Hematopoiesis in 97,691 whole genomes. Bick AG, Weinstock JS, Nandakumar SK, Fulco CP, Bao EL, Zekavat SM, Szeto MD, Liao X, Leventhal MJ, Nasser J, Chang K, Laurie C, Burugula BB, Gibson CJ, Niroula A, Lin AE, Taub MA, Aguet F, Ardlie K, Mitchell BD, Barnes KC, Moscati A, Fornage M, Redline S, Psaty BM, Silverman EK, Weiss ST, Palmer ND, Vasani RS, Burchard EG, Kardia SLR, He J, Kaplan RC, Smith NL, Arnett DK, Schwartz DA, Correa A, de Andrade M, Guo X, Konkle BA, Custer B, Peralta JM, Gui H, Meyers DA, **McGarvey ST**, Chen IY, Shoemaker MB, Peyser PA, Broome JG, Gogarten SM, Wang FF, Wong Q, Montasser ME, Daya M, Kenny EE, North KE, Launer LJ, Cade BE, Bis JC, Cho MH, Lasky-Su J, Bowden DW, Cupples LA, Mak ACY, Becker LC, Smith JA, Kelly TN, Aslibekyan S, Heckbert SR, Tiwari HK, Yang IV, Heit JA, Lubitz SA, Johnsen JM, Curran JE, Wenzel SE, Weeks DE, Rao DC, Darbar D, Moon JY, Tracy RP, Buth EJ, Rafaels N, Loos RJJ, Durda P, Liu Y, Hou L, Lee J, Kachroo P, Freedman BI, Levy D, Bielak LF, Hixson JE, Floyd JS, Whitsel EA, Ellinor PT, Irvin MR, Fingerlin TE, Raffield LM, Armasu SM, Wheeler MM, Sabino EC, Blangero J, Williams LK, Levy BD, Sheu WH, Roden DM, Boerwinkle E, Manson JE, Mathias RA, Desai P, Taylor KD, Johnson AD, NHLBI Trans-Omics for Precision Medicine Consortium, Auer PL, Kooperberg C, Laurie CC, Blackwell TW, Smith AV, Zhao H, Lange E, Lange L, Rich SS, Rotter JI, Wilson JG, Scheet P, Kitzman JO, Lander ES, Engreitz JM, Ebert BL, Reiner AP, Jaiswal S, Abecasis G, Sankaran VG, Kathiresan S, Natarajan P. *Nature* 2020: 586; 763–768. PMID: 33057201. PMCID: PMC7944936.
252. ECHS1 disease in two unrelated families of Samoan descent: Common variant-rare disorder. MT Simon, SS Eftekharian, S Ferdinandusse, S Tang, T Naseri, MS Reupena, **ST McGarvey**, RL Minster, DE Weeks, OLaGA Study Group, DD Nguyen, S Lee, KA Ellsworth, FM Vaz, D Dimmock, J Pitt, JE Abdenur. *Am J Med Genet*. 2021;185A:157–167. doi: 10.1002/ajmg.a.61936. PMCID: PMC7746601, PMID: 33112498.

253. Heterogeneous contributions of change in population distribution of body mass index to change in obesity and underweight. NCD Risk Factor Collaboration (NCD-RisC), [ST McGarvey as co-author in the Country & Regional Data Group]. *eLife* 2021;10:e60060. PMID: 33685583, PMCID: PMC7943191.
254. Effectiveness of the Baby Friendly Community Initiative on exclusive breastfeeding in Kenya. Kimani-Murage E, Kimiywe J, Mutoro A, Wilunda C, Wekesah F, Muriuki P, Mwangi B, Madise N, McGarvey ST, Griffiths P. *Matern Child Nutr.* 2021; 17:e13142. doi.org/10.1111/mcn.13142. PMID: 33528102, PMCID: PMC8189218.
255. Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. Taliun D, Harris DN, Kessler MD, Carlson J, Szpiech ZA, Torres R, Taliun SAG, Corvelo A, Gogarten SM, Kang HM, Pitsillides AN, LeFaive J, Lee SB, Tian X, Browning BL, Das S, Emde AK, Clarke WE, Loesch DP, Shetty AC, Blackwell TW, Smith AV, Wong Q, Liu X, Conomos MP, Bobo DM, Aguet F, Albert C, Alonso A, Ardlie KG, Arking DE, Aslibekyan S, Auer PL, Barnard J, Barr RG, Barwick L, Becker LC, Beer RL, Benjamin EJ, Bielak LF, Blangero J, Boehnke M, Bowden DW, Brody JA, Burchard EG, Cade BE, Casella JF, Chalazan B, Chasman DI, Chen YI, Cho MH, Choi SH, Chung MK, Clish CB, Correa A, Curran JE, Custer B, Darbar D, Daya M, de Andrade M, DeMeo DL, Dutcher SK, Ellinor PT, Emery LS, Eng C, Fatkin D, Fingerlin T, Forer L, Fornage M, Franceschini N, Fuchsberger C, Fullerton SM, Germer S, Gladwin MT, Gottlieb DJ, Guo X, Hall ME, He J, Heard-Costa NL, Heckbert SR, Irvin MR, Johnsen JM, Johnson AD, Kaplan R, Kardina SLR, Kelly T, Kelly S, Kenny EE, Kiel DP, Klemmer R, Konkle BA, Kooperberg C, Kottgen A, Lange LA, Lasky-Su J, Levy D, Lin X, Lin KH, Liu C, Loos RJJ, Garman L, Gerszten R, Lubitz SA, Lunetta KL, Mak ACY, Manichaikul A, Manning AK, Mathias RA, McManus DD, McGarvey ST, Meigs JB, Meyers DA, Mikulla JL, Minear MA, Mitchell BD, Mohanty S, Montasser ME, Montgomery C, Morrison AC, Murabito JM, Natale A, Natarajan P, Nelson SC, North KE, O'Connell JR, Palmer ND, Pankratz N, Peloso GM, Peyser PA, Pleiness J, Post WS, Psaty BM, Rao DC, Redline S, Reiner AP, Roden D, Rotter JI, Ruczinski I, Sarnowski C, Schoenherr S, Schwartz DA, Seo JS, Seshadri S, Sheehan VA, Sheu WH, Shoemaker MB, Smith NL, Smith JA, Sotoodehnia N, Stilp AM, Tang W, Taylor KD, Telen M, Thornton TA, Tracy RP, Van Den Berg DJ, Vasani RS, Viaud-Martinez KA, Vrieze S, Weeks DE, Weir BS, Weiss ST, Weng LC, Willer CJ, Zhang Y, Zhao X, Arnett DK, Ashley-Koch AE, Barnes KC, Boerwinkle E, Gabriel S, Gibbs R, Rice KM, Rich SS, Silverman EK, Qasba P, Gan W; NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium, Papanicolaou GJ, Nickerson DA, Browning SR, Zody MC, Zöllner S, Wilson JG, Cupples LA, Laurie CC, Jaquish CE, Hernandez RD, O'Connor TD, Abecasis GR. *Nature.* 2021; 590 (7845): 290-299. PMID: 33568819. PMCID: PMC7875770. doi: 10.1038/s41586-021-03205-y.
256. A system for phenotype harmonization in the NHLBI Trans-Omics for Precision Medicine (TOPMed) Program. Stilp AM, Emery LS, Broome JG, Buth EJ, Khan AT, Laurie CA, Wang FF, Wong Q, Chen D, D'Augustine CM, Heard-Costa NL, Hohensee CR, Johnson WC, Juarez LD, Liu J, Mutalik KM, Raffield LM, Wiggins KL, de Vries PS, Kelly TN, Kooperberg C, Natarajan P, Peloso GM, Peyser PA, Reiner AP, Arnett DK, Aslibekyan S, Barnes KC, Bielak LF, Bis JC, Cade BE, Chen MH, Correa A, Cupples LA, de Andrade M, Ellinor PT, Fornage M, Franceschini N, Gan W, Ganesh SK, Graffelman J, Grove ML, Guo X, Hawley NL,

- Hsu WL, Jackson RD, Jaquish CE, Johnson AD, Kardia SLR, Kelly S, Lee J, Mathias RA, **McGarvey ST**, Mitchell BD, Montasser ME, Morrison AC, North KE, Nouraiie SM, Oelsner EC, Pankratz N, Rich SS, Rotter JI, Smith JA, Taylor KD, Vasani RS, Weeks DE, Weiss ST, Wilson CG, Yanek LR, Psaty BM, Heckbert SR, Laurie CC. *Am J Epidemiol*. 2021; 190(10):1977-1992. doi: 10.1093/aje/kwab115. PMID: 33861317; PMCID: PMC8485147.
257. Chromosome Xq23 is associated with lower atherogenic lipid concentrations and favorable cardiometabolic indices. Natarajan P, Pampana A, Graham SE, Ruotsalainen SE, Perry JA, de Vries PS, Broome JG, Pirruccello JP, Honigberg MC, Aragam K, Wolford B, Brody JA, Antonacci-Fulton L, Arden M, Aslibekyan S, Assimes TL, Ballantyne CM, Bielak LF, Bis JC, Cade BE, Do R, Doddapaneni H, Emery LS, Hung YJ, Irvin MR, Khan AT, Lange L, Lee J, Lemaitre RN, Martin LW, Metcalf G, Montasser ME, Moon JY, Muzny D, O'Connell JR, Palmer ND, Peralta JM, Peyser PA, Stilp AM, Tsai M, Wang FF, Weeks DE, Yanek LR, Wilson JG, Abecasis G, Arnett DK, Becker LC, Blangero J, Boerwinkle E, Bowden DW, Chang YC, Chen YI, Choi WJ, Correa A, Curran JE, Daly MJ, Dutcher SK, Ellinor PT, Fornage M, Freedman BI, Gabriel S, Germer S, Gibbs RA, He J, Hveem K, Jarvik GP, Kaplan RC, Kardia SLR, Kenny E, Kim RW, Kooperberg C, Laurie CC, Lee S, Lloyd-Jones DM, Loos RJJ, Lubitz SA, Mathias RA, Martinez KAV, **McGarvey ST**, Mitchell BD, Nickerson DA, North KE, Palotie A, Park CJ, Psaty BM, Rao DC, Redline S, Reiner AP, Seo D, Seo JS, Smith AV, Tracy RP, Vasani RS, Kathiresan S, Cupples LA, Rotter JI, Morrison AC, Rich SS, Ripatti S, Willer C; NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium; FinnGen, Peloso GM. *Nat Commun*. 2021 Apr 12;12(1):2182. PMID: 33846329. PMCID: PMC8042019. doi: 10.1038/s41467-021-22339-1.
258. The prevalence and associated factors of hypertension among HIV patients. Mbuthia GW, Magutah K, **McGarvey ST**. *Int J Hypertension*, 2021, 15;2021:5544916. PMID: 35111340, PMCID: PMC8802098, doi.org/10.1155/2021/5544916.
259. Population sequencing data reveal a compendium of mutational processes in the human germ line. Seplyarskiy VB, Soldatov RA, Koch E, McGinty RJ, Goldmann JM, Hernandez RD, Barnes K, Correa A, Burchard EG, Ellinor PT, **McGarvey ST**, Mitchell BD, Vasani RS, Redline S, Silverman E, Weiss ST, Arnett DK, Blangero J, Boerwinkle E, He J, Montgomery C, Rao DC, Rotter JI, Taylor KD, Brody JA, Chen YI, de Las Fuentes L, Hwu CM, Rich SS, Manichaikul AW, Mychaleckyj JC, Palmer ND, Smith JA, Kardia SLR, Peyser PA, Bielak LF, O'Connor TD, Emery LS; NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium; TOPMed Population Genetics Working Group, Gilissen C, Wong WSW, Kharchenko PV, Sunyaev S. *Science*. 2021 373(6558):1030-1035. PMID: 34385354, PMCID: PMC9217108, doi: 10.1126/science.aba7408.
260. Attitudes about infant feeding in Samoa reveal a culture of breastfeeding protection and promotion: a cross-sectional, qualitative analysis among Samoan women. Arslanian KJ, Harries V, Fidow UT, Atanoa T, Naseri T, **McGarvey ST**, Soti-Ulberg C, Hawley NL. *Pacific Journal Reproductive Health* 2021, 1 (13):674-688. <https://doi.org/10.18313/pjrh.2021.005>.
261. The impact of global and local Polynesian ancestry on complex traits in Native Hawaiians. Sun H, Lin M, Russell EM, Minster RL, Fung Chan T, Dinh BL, Naseri T, Reupena MS, Lum-Jones A, The Samoan Obesity Lifestyle and Genetic

- Adaptations (OLaGA) Study Group [**ST McGarvey** as co-author in OLaGA], Cheng I, Wilkens LR, Le Marchand L, Haiman CA, Chiang CWK. PLoS Genetics 2021; 17 (2): e1009273. PMID 33571193; PMCID PMC7877570. doi.org/10.1371/journal.pgen.1009273.
262. Worldwide trends in hypertension prevalence and progress in treatment and control from 1990 to 2019: a pooled analysis of 1,201 population-representative studies with 104 million participants. NCD Risk Factor Collaboration (NCD-RisC). [**ST McGarvey** as co-author in the Country & Regional Data Group]. Lancet 2021; 398: 957–80. [https://doi.org/10.1016/S0140-6736\(21\)01330-1](https://doi.org/10.1016/S0140-6736(21)01330-1). PMID: 34450083, PMCID: PMC8446938.
263. A murine model of the human CREBRFR457Q obesity-risk variant does not influence energy or glucose homeostasis in response to nutritional stress. murine model of the human CREBRF<sup>R457Q</sup> obesity-risk variant does not influence energy or glucose homeostasis in response to nutritional stress. Kanshana JS, Mattila PE, Ewing MC, Wood AN, Schoiswohl G, Meyer AC, Kowalski A, Rosenthal SL, Gingras S, Kaufman BA, Lu R, Weeks DE, **McGarvey ST**, Minster RL, Hawley NL, Kershaw EE. PLoS One. 2021;16(9):e0251895. doi: 10.1371/journal.pone.0251895. PMID: 34520472; PMCID: PMC8439463.
264. Comparison of self-reported and observed water contact measures in Schistosoma japonicum-endemic villages in Leyte, The Philippines. Falcone B, Park S, Wu HW, Leenstra T, Jiz MA, Jarilla B, **McGarvey ST**, Kurtis JD, Friedman JF. Trans R Soc Trop Med Hyg. 2022 May 2;116(5):433-439. doi: 10.1093/trstmh/trab149. PMID: 34634127; PMCID: PMC9070479.
265. Whole Genome Sequence Analysis of the Plasma Proteome in Black Adults Provides Novel Insights Into Cardiovascular Disease. Katz DH, Tahir UA, Bick AG, Pampana A, Ngo D, Benson MD, Yu Z, Robbins JM, Chen ZZ, Cruz DE, Deng S, Farrell L, Sinha S, Schmaier AA, Shen D, Gao Y, Hall ME, Correa A, Tracy RP, Durda P, Taylor KD, Liu Y, Johnson WC, Guo X, Yao J, Ida Chen YD, Manichaikul AW, Jain D, Bouchard C, Sarzynski MA, Rich SS, Rotter JI, Wang TJ, Wilson JG, Natarajan P, Gerszten RE; National Heart, Lung, and Blood Institute TOPMed (Trans-Omics for Precision Medicine) Consortium. Circulation. 2022; 145(5):357-370. doi: 10.1161/CIRCULATIONAHA.121.055117. PMID: 34814699; PMCID: PMC9158509.
266. C-Reactive Protein in adult Samoans: population variation and physiological correlates. Rivara AC, Corley M, Choy CC, Duckham RL, Pomer A, Reupena MS, Viali S, Naseri T, Kershaw EE, Crouter SE, **McGarvey ST**, Bribiescas RG, Valeggia C, Hawley NL. Am J Hum Biol, 2022, 34:e23646. PMID: 34260111. PMCID: PMC8758804. doi.org/10.1002/ajhb.23646.
267. Cascades of diabetes and hypertension care in Samoa: Identifying gaps in the diagnosis, treatment, and control continuum – a cross-sectional study. LaMonica LC, **McGarvey ST**, Rivara AC, Sweetman CA, Naseri T, Reupena MS, Kadiamada H, Kocher E, Rojas-Carroll A, DeLany JP, Hawley NL. Lancet Reg Health - West Pac, 2021; 18: 100313. PMCID: PMC8669362, PMID: 35024652. doi:10.1016/j.lanwpc.2021.100313.
268. Rare coding variants in 35 genes associate with circulating lipid levels – a multi-ancestry analysis of 170,000 exomes. Hindy G, Dornbos P, Chaffin MD, Liu DJ, Wang M, Selvaraj MS, Zhang D, Park J, Aguilar-Salinas CA, Antonacci-Fulton L, Ardissino D,

- Arnett DK, Aslibekyan S, Atzmon G, Ballantyne CM, Barajas-Olmos F, Barzilai N, Becker LC, Bielak LF, Bis JC, Blangero J, Boerwinkle E, Bonnycastle LL, Bottinger E, Bowden DW, Bown MJ, Brody JA, Broome JG, Burt NP, Cade BE, Centeno-Cruz F, Chan E, Chang YC, Chen YI, Cheng CY, Choi WJ, Chowdhury R, Contreras-Cubas C, Córdova EJ, Correa A, Cupples LA, Curran JE, Danesh J, de Vries PS, DeFronzo RA, Doddapaneni H, Duggirala R, Dutcher SK, Ellinor PT, Emery LS, Florez JC, Fornage M, Freedman BI, Fuster V, Garay-Sevilla ME, García-Ortiz H, Germer S, Gibbs RA, Gieger C, Glaser B, Gonzalez C, Gonzalez-Villalpando ME, Graff M, Graham SE, Grarup N, Groop LC, Guo X, Gupta N, Han S, Hanis CL, Hansen T, He J, Heard-Costa NL, Hung YJ, Hwang MY, Irvin MR, Islas-Andrade S, Jarvik GP, Kang HM, Kardia SLR, Kelly T, Kenny EE, Khan AT, Kim BJ, Kim RW, Kim YJ, Koistinen HA, Kooperberg C, Kuusisto J, Kwak SH, Laakso M, Lange LA, Lee J, Lee J, Lee S, Lehman DM, Lemaitre RN, Linneberg A, Liu J, Loos RJJ, Lubitz SA, Lyssenko V, Ma RCW, Martin LW, Martínez-Hernández A, Mathias RA, **McGarvey ST**, McPherson R, Meigs JB, Meitinger T, Melander O, Mendoza-Caamal E, Metcalf GA, Mi X, Mohlke KL, Montasser ME, Moon JY, Moreno-Macías H, Morrison AC, Muzny DM, Nelson SC, Nilsson PM, O'Connell JR, Orho-Melander M, Orozco L, Palmer CNA, Palmer ND, Park CJ, Park KS, Pedersen O, Peralta JM, Peyser PA, Post WS, Preuss M, Psaty BM, Qi Q, Rao DC, Redline S, Reiner AP, Revilla-Monsalve C, Rich SS, Samani N, Schunkert H, Schurmann C, Seo D, Seo JS, Sim X, Sladek R, Small KS, So WY, Stilp AM, Tai ES, Tam CHT, Taylor KD, Teo YY, Thameem F, Tomlinson B, Tsai MY, Tuomi T, Tuomilehto J, Tusié-Luna T, Udler MS, van Dam RM, Vasani RS, Viaud Martinez KA, Wang FF, Wang X, Watkins H, Weeks DE, Wilson JG, Witte DR, Wong TY, Yanek LR; AMP-T2D-GENES, Myocardial Infarction Genetics Consortium; NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium; NHLBI TOPMed Lipids Working Group, Kathiresan S, Rader DJ, Rotter JJ, Boehnke M, McCarthy MI, Willer CJ, Natarajan P, Flannick JA, Khera AV, Peloso GM. *Am J Hum Genet.* 2022; 109(1):81-96. PMID: 34932938; doi.org/10.1016/j.ajhg.2021.11.021.
269. Genetic determinants of telomere length from 109,122 ancestrally diverse whole genome sequences in TOPMed. Taub MA, Conomos MP, Keener R, Iyer KR, Weinstock JS, Yanek LR, Lane J, Miller-Fleming TW, Brody JA, Raffield LM, McHugh CP, Jain D, Gogarten SM, Laurie CA, Keramati A, Arvanitis M, Smith AV, Heavner B, Barwick L, Becker LC, Bis JC, Blangero J, Bleecker ER, Burchard EG, Celedón JC, Chang YPC, Custer B, Darbar D, de Las Fuentes L, DeMeo DL, Freedman BI, Garrett ME, Gladwin MT, Heckbert SR, Hidalgo BA, Irvin MR, Islam T, Johnson WC, Kaab S, Launer L, Lee J, Liu S, Moscati A, North KE, Peyser PA, Rafaels N, Seidman C, Weeks DE, Wen F, Wheeler MM, Williams LK, Yang IV, Zhao W, Aslibekyan S, Auer PL, Bowden DW, Cade BE, Chen Z, Cho MH, Cupples LA, Curran JE, Daya M, Deka R, Eng C, Fingerlin TE, Guo X, Hou L, Hwang SJ, Johnsen JM, Kenny EE, Levin AM, Liu C, Minster RL, Naseri T, Nouraei M, Reupena MS, Sabino EC, Smith JA, Smith NL, Su JL, Taylor JG, Telen MJ, Tiwari HK, Tracy RP, White MJ, Zhang Y, Wiggins KL, Weiss ST, Vasani RS, Taylor KD, Sinner MF, Silverman EK, Shoemaker MB, Sheu WH, Sciruba F, Schwartz DA, Rotter JJ, Roden D, Redline S, Raby BA, Psaty BM, Peralta JM, Palmer ND, Nekhai S, Montgomery CG, Mitchell BD, Meyers DA, **McGarvey ST**; NHLBI CARE Network, Mak AC, Loos RJJ, Kumar R, Kooperberg C, Konkole BA, Kelly S, Kardia SL, Kaplan R, He J, Gui H, Gilliland FD, Gelb BD, Fornage M, Ellinor PT, de Andrade M, Correa A, Chen YI, Boerwinkle E, Barnes KC, Ashley-Koch AE, Arnett DK; NHLBI Trans-Omics for Precision Medicine

- (TOPMed) Consortium; TOPMed Hematology and Hemostasis Working Group; TOPMed Structural Variation Working Group, Laurie CC, Abecasis G, Nickerson DA, Wilson JG, Rich SS, Levy D, Ruczinski I, Aviv A, Blackwell TW, Thornton T, O'Connell J, Cox NJ, Perry JA, Armanios M, Battle A, Pankratz N, Reiner AP, Mathias RA. *Cell Genom.* 2022 2(1):100084; doi: 10.1016/j.xgen.2021.100084. PMCID: PMC9075703; PMID: 35530816.
270. CREBRF missense variant rs373863828 has both direct and indirect effects on type 2 diabetes and fasting glucose in Polynesians living in Samoa and Aotearoa New Zealand. Russell EM, Carlson JC, Krishnan M, Hawley NL, Sun G, Cheng H, Naseri T, Reupena MS, Viali S, Tuitele J, Major TJ, Miljkovic I, Merriman TR, Deka R, Weeks DE, **McGarvey ST**, Minster RL. *BMJ Open Diabetes Res Care.* 2022 (1):e002275. doi:10.1136/bmjdr-2021-002275. PMCID: PMC8845200; PMID: 35144939.
271. Assessing the contribution of rare variants to complex trait heritability from whole-genome sequence data. Wainschtein P, Jain D, Zheng Z; TOPMed Anthropometry Working Group; NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium, Cupples LA, Shadyab AH, McKnight B, Shoemaker BM, Mitchell BD, Psaty BM, Kooperberg C, Liu CT, Albert CM, Roden D, Chasman DI, Darbar D, Lloyd-Jones DM, Arnett DK, Regan EA, Boerwinkle E, Rotter JI, O'Connell JR, Yanek LR, de Andrade M, Allison MA, McDonald MN, Chung MK, Fornage M, Chami N, Smith NL, Ellinor PT, Vasani RS, Mathias RA, Loos RJF, Rich SS, Lubitz SA, Heckbert SR, Redline S, Guo X, Chen Y-I, Laurie CA, Hernandez RD, **McGarvey ST**, Goddard ME, Laurie CC, North KE, Lange LA, Weir BS, Yengo L, Yang J, Visscher PM. *Nat Genet.* 2022 54(3):263-273. PMCID: PMC9119698, PMID: 35256806. doi: 10.1038/s41588-021-00997-7.
272. Rare coding variants in RCN3 are associated with blood pressure. He KY, Kelly TN, Wang H, Liang J, Zhu L, Cade BE, Assimes TL, Becker LC, Beitelshes AL, Bielak LF, Bress AP, Brody JA, Chang YC, Chang YC, de Vries PS, Duggirala R, Fox ER, Franceschini N, Furniss AL, Gao Y, Guo X, Haessler J, Hung YJ, Hwang SJ, Irvin MR, Kalyani RR, Liu CT, Liu C, Martin LW, Montasser ME, Muntner PM, Mwasongwe S, Naseri T, Palmas W, Reupena MS, Rice KM, Sheu WH, Shimbo D, Smith JA, Snively BM, Yanek LR, Zhao W, Blangero J, Boerwinkle E, Chen YI, Correa A, Cupples LA, Curran JE, Fornage M, He J, Hou L, Kaplan RC, Kardia SLR, Kenny EE, Kooperberg C, Lloyd-Jones D, Loos RJF, Mathias RA, **McGarvey ST**, Mitchell BD, North KE, Peyser PA, Psaty BM, Raffield LM, Rao DC, Redline S, Reiner AP, Rich SS, Rotter JI, Taylor KD, Tracy R, Vasani RS; Samoan Obesity, Lifestyle and Genetic Adaptations Study (OLaGA) Group, NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium, Morrison AC, Levy D, Chakravarti A, Arnett DK, Zhu X. Rare coding variants in RCN3 are associated with blood pressure. *BMC Genomics.* 2022 23(1):148. PMCID: PMC8858539; PMID: 35183128; doi: 10.1186/s12864-022-08356-4.
273. A loss-of-function IFNAR1 allele in Polynesia underlies severe viral diseases in homozygotes. Bastard P, Hsiao KC, Zhang Q, Choin J, Best E, Chen J, Gervais A, Bizien L, Materna M, Harmant C, Roux M, Hawley NL, Weeks DE, **McGarvey ST**, Sandoval K, Barberena-Jonas C, Quinto-Cortés CD, Hagelberg E, Mentzer AJ, Robson K, Coulibaly B, Seeleuthner Y, Bigio B, Li Z, Uzé G, Pellegrini S, Lorenzo L, Sbihi Z, Latour S, Besnard M, Adam de Beaumais T, Jacqz Aigrain E, Béziat V,

- Deka R, Esera Tulifau L, Viali S, Reupena MS, Naseri T, McNaughton P, Sarkozy V, Peake J, Blincoe A, Primhak S, Stables S, Gibson K, Woon ST, Drake KM, Hill AVS, Chan CY, King R, Ameratunga R, Teiti I, Aubry M, Cao-Lormeau VM, Tangye SG, Zhang SY, Jouanguy E, Gray P, Abel L, Moreno-Estrada A, Minster RL, Quintana-Murci L, Wood AC, Casanova JL. *J Exp Med* 2022, 219 (6):e20220028. PMID: 35442418; doi: 10.1084/jem.20220028.
274. Mendelian randomization supports bidirectional causality between telomere length and clonal hematopoiesis of indeterminate potential. Nakao T, Bick AG, Taub MA, Zekavat SM, Uddin MM, Niroula A, Carty CL, Lane J, Honigberg MC, Weinstock JS, Pampana A, Gibson CJ, Griffin GK, Clarke SL, Bhattacharya R, Assimes TL, Emery LS, Stilp AM, Wong Q, Broome J, Laurie CA, Khan AT, Smith AV, Blackwell TW, Codd V, Nelson CP, Yoneda ZT, Peralta JM, Bowden DW, Irvin MR, Boorgula M, Zhao W, Yanek LR, Wiggins KL, Hixson JE, Gu CC, Peloso GM, Roden DM, Reupena MS, Hwu CM, DeMeo DL, North KE, Kelly S, Musani SK, Bis JC, Lloyd-Jones DM, Johnsen JM, Preuss M, Tracy RP, Peyser PA, Qiao D, Desai P, Curran JE, Freedman BI, Tiwari HK, Chavan S, Smith JA, Smith NL, Kelly TN, Hidalgo B, Cupples LA, Weeks DE, Hawley NL, Minster RL; Samoan Obesity, Lifestyle and Genetic Adaptations Study (OLaGA) Group, Deka R, Naseri TT, de Las Fuentes L, Raffield LM, Morrison AC, Vries PS, Ballantyne CM, Kenny EE, Rich SS, Whitsel EA, Cho MH, Shoemaker MB, Pace BS, Blangero J, Palmer ND, Mitchell BD, Shuldiner AR, Barnes KC, Redline S, Kardia SLR, Abecasis GR, Becker LC, Heckbert SR, He J, Post W, Arnett DK, Vasani RS, Darbar D, Weiss ST, **McGarvey ST**, de Andrade M, Chen YI, Kaplan RC, Meyers DA, Custer BS, Correa A, Psaty BM, Fornage M, Manson JE, Boerwinkle E, Konkle BA, Loos RJF, Rotter JI, Silverman EK, Kooperberg C, Danesh J, Samani NJ, Jaiswal S, Libby P, Ellinor PT, Pankratz N, Ebert BL, Reiner AP, Mathias RA, Do R; NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium, Natarajan P. *Sci Adv.* 2022 8 (14): eabl6579. PMID: 35385311; doi:10.1126/sciadv.abl6579.
275. The missense variant, rs373863828, in CREBRF plays a role in longitudinal changes in body mass index BMI in Samoans. Fu H, Hawley NL, Carlson JC, Russell EM, Pomer A, Cheng H, Naseri T, Reupena MS, Deka R, Choy CC, **McGarvey ST**, Minster RL, Weeks DE. *Obes Res Clin Pract.* 2022; 16(3):220-227. PMID: 35606300. doi: 10.1016/j.orcp.2022.04.004.
276. Recommendations on the use and reporting of race, ethnicity, and ancestry in genetic research: Experiences from the NHLBI TOPMed program. Khan AT, Gogarten SM, McHugh CP, Stilp AM, Sofer T, Bowers ML, Wong Q, Cupples LA, Hidalgo B, Johnson AD, McDonald M-LN, **McGarvey ST**, Taylor MRG, Fullerton SM, Conomos MP, Nelson SC. *Cell Genomics* 2022; 2(8): 100155. PMID: 36119389, PMID: PMC9481067, doi.org/10.1016/j.xgen.2022.100155.
277. Whole Genome Sequence Association Analysis of Fasting Glucose and Fasting Insulin Levels in Diverse Cohorts from the NHLBI TOPMed Program. DiCorpo D, Gaynor SM, Russell EM, Westerman KE, Raffield LM, Majarian TD, Wu P, Sarnowski C, Highland HM, Jackson A, Hasbani NR, de Vries PS, Brody JA, Hidalgo B, Guo X, Perry JA, O'Connell JR, Lent S, Montasser ME, Cade BE, Jain D, Wang H, D'Oliveira Albanus R, Varshney A, Yanek LR, Lange L, Palmer ND, Almeida M, Peralta JM, Aslibekyan S, Baldrige AS, Bertoni AG, Bielak LF, Chen CS, Chen YI, Choi WJ, Goodarzi MO, Floyd JS, Irvin MR, Kalyani RR, Kelly TN,

- Lee S, Liu CT, Loesch D, Manson JE, Minster RL, Naseri T, Pankow JS, Rasmussen-Torvik LJ, Reiner AP, Reupena MS, Selvin E, Smith JA, Weeks DE, Xu H, Yao J, Zhao W, Parker S, Alonso A, Arnett DK, Blangero J, Boerwinkle E, Correa A, Cupples LA, Curran JE, Duggirala R, He J, Heckbert SR, Kardia SLR, Kim RW, Kooperberg C, Liu S, Mathias RA, **McGarvey ST**, Mitchell BD, Morrison AC, Peyser PA, Psaty BM, Redline S, Shuldiner AR, Taylor KD, Vasani RS, Viaud-Martinez KA, Florez JC, Wilson JG, Sladek R, Rich SS, Rotter JI, Lin X, Dupuis J, Meigs JB, Wessel J, Manning AK. *Commun Biol.* 2022 5(1):756. PMID: PMC9334637, PMID: 35902682. doi: 10.1038/s42003-022-03702-4.;
278. Correlates of Daytime Sleepiness and Insomnia among Adults in Samoa. Heinsberg LW, Carlson JC, Pomer A, Cade BE, Naseri T, Reupena MS, Weeks DE, **McGarvey ST**, Redline S, Hawley NL. *Sleep Epidemiol.* 2022; 2:100042. PMID: PMC9635619, PMID: 36338277. doi:10.1016/j.sleep.2022.100042.
279. Rare variants in genes encoding subunits of the epithelial Na<sup>+</sup> channel are associated with blood pressure and kidney function. Blobner BM, Kirabo A, Kashlan OB, Sheng S, Arnett DK, Becker LC, Boerwinkle E, Carlson JC, Gao Y, Gibbs RA, He J, Irvin MR, Kardia SLR, Kelly TN, Kooperberg C, **McGarvey ST**, Menon VK, Montasser ME, Naseri T, Redline S, Reiner AP, Reupena MS, Smith JA, Sun X, Vaidya D, Viaud-Martinez KA, Weeks DE, Yanek LR, Zhu X; NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium\*, Minster RL, Kleyman TR. *Hypertension.* 2022; 79(11):2573-2582. PMID: PMC9669116. PMID: 36193739. doi: 10.1161/HYPERTENSIONAHA.121.18513.
280. The protective effect of rs373863828 on type 2 diabetes does not operate through a body composition pathway in adult Samoans. Hawley NL, Duckham RL, Carlson JC, Naseri T, Reupena MS, Lameko V, Pomer A, Wetzel A, Selu M, Lupematisila V, Unasa F, Vesi L, Fatu T, Unasa S, Faasalele-Savusa K, Rivara AC, Russell E, Delany JP, Viali S, Kershaw EE, Minster RL, Weeks DE, **McGarvey ST**. *Obesity* 2022;30 (12): 2468-2476. PMID: 36284436. PMID: PMC10111239. doi: 10.1002/oby.23559.
281. Whole genome sequence analysis of blood lipid levels in >66,000 individuals. Selvaraj MS, Xihao Li, Zilin Li, Akhil Pampana, David Zhang, Joseph Park, Selvaraj MS, Li X, Li Z, Pampana A, Zhang DY, Park J, Aslibekyan S, Bis JC, Brody JA, Cade BE, Chuang LM, Chung RH, Curran JE, de Las Fuentes L, de Vries PS, Duggirala R, Freedman BI, Graff M, Guo X, Heard-Costa N, Hidalgo B, Hwu CM, Irvin MR, Kelly TN, Kral BG, Lange L, Li X, Lisa M, Lubitz SA, Manichaikul AW, Michael P, Montasser ME, Morrison AC, Naseri T, O'Connell JR, Palmer ND, Peyser PA, Reupena MS, Smith JA, Sun X, Taylor KD, Tracy RP, Tsai MY, Wang Z, Wang Y, Bao W, Wilkins JT, Yanek LR, Zhao W, Arnett DK, Blangero J, Boerwinkle E, Bowden DW, Chen YI, Correa A, Cupples LA, Dutcher SK, Ellinor PT, Fornage M, Gabriel S, Germer S, Gibbs R, He J, Kaplan RC, Kardia SLR, Kim R, Kooperberg C, Loos RJJ, Viaud-Martinez KA, Mathias RA, **McGarvey ST**, Mitchell BD, Nickerson D, North KE, Psaty BM, Redline S, Reiner AP, Vasani RS, Rich SS, Willer C, Rotter JI, Rader DJ, Lin X; NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium, Peloso GM, Natarajan P. *Nat Commun.* 2022;13(1):5995. PMID: PMC9553944, PMID: 36220816, doi: 10.1038/s41467-022-33510-7
282. Insights from a Large-Scale Whole-Genome Sequencing Study of Systolic Blood Pressure, Diastolic Blood Pressure, and Hypertension. Kelly TN, Sun X, He KY, Brown MR, Taliun SAG, Hellwege JN, Irvin MR, Mi X, Brody JA, Franceschini N,

- Guo X, Hwang SJ, de Vries PS, Gao Y, Moscati A, Nadkarni GN, Yanek LR, Elfassy T, Smith JA, Chung RH, Beitelshes AL, Patki A, Aslibekyan S, Blobner BM, Peralta JM, Assimes TL, Palmas WR, Liu C, Bress AP, Huang Z, Becker LC, Hwa CM, O'Connell JR, Carlson JC, Warren HR, Das S, Giri A, Martin LW, Craig Johnson W, Fox ER, Bottinger EP, Razavi AC, Vaidya D, Chuang LM, Chang YC, Naseri T, Jain D, Kang HM, Hung AM, Srinivasasainagendra V, Snively BM, Gu D, Montasser ME, Reupena MS, Heavner BD, LeFaive J, Hixson JE, Rice KM, Wang FF, Nielsen JB, Huang J, Khan AT, Zhou W, Nierenberg JL, Laurie CC, Armstrong ND, Shi M, Pan Y, Stilp AM, Emery L, Wong Q, Hawley NL, Minster RL, Curran J JE, Munroe PB, Weeks DE, North KE, Tracy RP, Kenny EE, Shimbo D, Chakravarti A, Rich SS, Reiner AP, Blangero J, Redline S, Mitchell BD, Rao DC, Ida Chen YD, Kardina SLR, Kaplan RC, Mathias RA, He J, Psaty BM, Fornage M, Loos RJJ, Correa A, Boerwinkle E, Rotter JI, Kooperberg C, Edwards TL, Abecasis GR, Zhu X, Levy D, Arnett DK, Morrison AC; Samoan Obesity, Lifestyle, and Genetic Adaptations Study (OLaGA [**McGarvey ST** as member of OLaGA]) Group, ‡ NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium. *Hypertension*. 2022 79(8):1656-1667. PMID: 35652341. doi: 10.1161/HYPERTENSIONAHA.122.19324.
283. A stop-gain variant in BTNL9 is associated with atherogenic lipid profiles. Carlson JC, Krishnan M, Rosenthal SL, Russell EM, Zhang JZ, Hawley NL, Moors J, Cheng H, Dalbeth N, de Zoysa JR, Watson H, Qasim M, Murphy R, Naseri T, Reupena MS, Viali S, Stamp LK, Tuitele J, Kershaw EE, Deka R, **McGarvey ST**, Merriman TR, Weeks DE, Minster RL. *Human Genetics and Genomics Advances*, 2022; 4 (1); 100155. PMID:9630829, PMID: 36340932. doi.org/10.1016/j.xhgg.2022.100155.
284. A framework for detecting noncoding rare-variant associations of large-scale whole-genome sequencing studies. Li Z, Li X, Zhou H, Gaynor SM, Selvaraj MS, Arapoglou T, Quick C, Liu Y, Chen H, Sun R, Dey R, Arnett DK, Auer PL, Bielak LF, Bis JC, Blackwell TW, Blangero J, Boerwinkle E, Bowden DW, Brody JA, Cade BE, Conomos MP, Correa A, Cupples LA, Curran JE, de Vries PS, Duggirala R, Franceschini N, Freedman BI, Göring HHH, Guo X, Kalyani RR, Kooperberg C, Kral BG, Lange LA, Lin BM, Manichaikul A, Manning AK, Martin LW, Mathias RA, Meigs JB, Mitchell BD, Montasser ME, Morrison AC, Naseri T, O'Connell JR, Palmer ND, Peyser PA, Psaty BM, Raffield LM, Redline S, Reiner AP, Reupena MS, Rice KM, Rich SS, Smith JA, Taylor KD, Taub MA, Vasani RS, Weeks DE, Wilson JG, Yanek LR, Zhao W; NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium (**McGarvey ST** as member of TOPMed); TOPMed Lipids Working Group, Rotter JI, Willer CJ, Natarajan P, Peloso GM, Lin X. *Nature Methods* 2022; 19(12): 1599-1611. PMID: 36303018, PMID: PMC10008172, doi: 10.1038/s41592-022-01640-x.
285. Associations between diabetes-related symptoms, glucose management, and health-related quality of life in adult Samoans. Rivara AC, Pomer A, Wetzel A, Viali S, Naseri T, Reupena MS, Kershaw EE, **McGarvey ST**, NL Hawley. *Pacific Health Dialog* 2022; 21(10): 638-655. doi: 10.26635/phd.2022.142.
286. Powerful, scalable and resource-efficient meta-analysis of rare variant associations in large whole-genome sequencing studies. Li X, Quick C, Zhou H, Gaynor S, Liu Y, Chen H, Selvaraj MS, Sun R, Dey R, Arnett D, Bielak L, Bis J, Blangero J,

- Boerwinkle E, Bowden D, Brody J, Cade B, Correa A, Cupples L, Curran J, de Vries P, Duggirala R, Freedman B, Goring H, Guo X, Haessler J, Kalyani R, Kooperberg C, Kral B, Lange L, Manichaikul A, Martin L, **McGarvey ST**, Mitchell B, Montasser M, Morrison A, Naseri T, O'Connell J, Palmer N, Peyser P, Psaty B, Raffield R, Redline S, Reiner A, Reupena M, Rice K, Rich S, Sitlani C, Smith J, Taylor K, Vasani R, Wilson J, Willer C, Yanek L, Zhao W, TOPMed Consortium, Rotter J, Natarajan P, Peloso G, Li Z. *Nature Genetics*, 2023. 55(1): 154-164. PMID: 36564505, PMCID: PMC10084891, doi.org/10.1038/s41588-022-01225-6.
287. In utero HIV exposure and cardiometabolic health among children 5-8 years: findings from a prospective birth cohort in South Africa. Bengtson AM, Pellowski J, **McGarvey ST**, McGinty R, Botha M, Burd T, Burgner D, Mansell T, Zar HJ. *AIDS* 2023, 37:173–182. PMID: 36476456, PMCID: PMC9751971. doi: 10.1097/QAD.0000000000003412.
288. Validity of anthropometric equation-based estimators of fat mass in Samoan adults. Heinsberg LW, Hawley NL, Duckham RL, Pomeroy A, Rivara AC, Naseri T, Reupena MS, Weeks DE, **McGarvey ST**, Minster RL. *Am J Human Biology* 2023; 35: e23838. PMID: 36428275, PMCID: PMC10023273, doi.org/10.1002/ajhb.23838.
289. Multi-ancestry transcriptome-wide association analyses yield insights into tobacco use biology and drug repurposing. Chen F, Wang X, Jang SK, Quach BC, Weissenkampen JD, Khunsriraksakul C, Yang L, Sauteraud R, Albert CM, Allred NDD, Arnett DK, Ashley-Koch AE, Barnes KC, Barr RG, Becker DM, Bielak LF, Bis JC, Blangero J, Boorgula MP, Chasman DI, Chavan S, Chen YI, Chuang LM, Correa A, Curran JE, David SP, Fuentes LL, Deka R, Duggirala R, Faul JD, Garrett ME, Gharib SA, Guo X, Hall ME, Hawley NL, He J, Hobbs BD, Hokanson JE, Hsiung CA, Hwang SJ, Hyde TM, Irvin MR, Jaffe AE, Johnson EO, Kaplan R, Kardia SLR, Kaufman JD, Kelly TN, Kleinman JE, Kooperberg C, Lee IT, Levy D, Lutz SM, Manichaikul AW, Martin LW, Marx O, **McGarvey ST**, Minster RL, Moll M, Moussa KA, Naseri T, North KE, Oelsner EC, Peralta JM, Peyser PA, Psaty BM, Rafaels N, Raffield LM, Reupena MS, Rich SS, Rotter JI, Schwartz DA, Shadyab AH, Sheu WH, Sims M, Smith JA, Sun X, Taylor KD, Telen MJ, Watson H, Weeks DE, Weir DR, Yanek LR, Young KA, Young KL, Zhao W, Hancock DB, Jiang B, Vrieze S, Liu DJ. *Nat Genet*. 2023 Jan 26.. PMID: 36702996, PMCID: PMC9925385, doi: 10.1038/s41588-022-01282-x.
290. Multivariate analysis of a missense variant in CREBRF reveals association with measures of adiposity in people of Polynesian ancestries. Zhang JZ, Heinsberg LW, Krishnan M, Hawley NL, Major TJ, Carlson JC, Harré Hindmarsh J, Watson H, Qasim M, Stamp LK, Dalbeth N, Murphy R, Sun G, Cheng H, Naseri T, Reupena MS, Kershaw EE, Deka R, **McGarvey ST**, Minster RL, Merriman TR, Weeks DE. *Genetic Epidemiol*, 2023; 47(1) 105-118; PMID: 36352773, PMCID: PMC9892232, doi: 10.1002/gepi.22508.
291. Prediction of fat mass from anthropometry at ages 7 to 9 years in Samoans: a cross-sectional study in the *Ola Tuputupua'e* cohort. Choy CC, Johnson W, Duckham RL, Naseri T, Soti-Ulberg S, Reupena MS, Braun J, **McGarvey ST**, Hawley NL. *Eur J Clin Nutr* 2023; 77(4): 495–502. doi.org/10.1038/s41430-022-01256-6. PMID: 36624192. PMCID: PMC7614464
292. Association of rs9939609 in FTO with BMI among Polynesian peoples living in Aotearoa New Zealand and other Pacific nations. Krishnan M, Phipps-Green A, Russell EM,

- Major TJ, Cadzow M, Stamp LK, Dalbeth N, Hindmarsh JH, Qasim M, Watson H, Liu S, Carlson JC, Minster RL, Hawley NL, Naseri T, Reupena MS, Deka R, **McGarvey ST**, Merriman TR, Murphy R, Weeks DE. Association of rs9939609 in FTO with BMI among Polynesian peoples living in Aotearoa New Zealand and other Pacific nations. *J Hum Genet*. 2023. 68(7):463-468. doi: 10.1038/s10038-023-01141-5. Epub 2023 Mar 2. PMID: 36864286; PMCID: PMC10313811.
293. Aberrant activation of TCL1A promotes stem cell expansion in clonal hematopoiesis. Weinstock JS, Gopakumar J, Burugula BB, Uddin MM, Jahn N, Belk JA, Bouzid H, Daniel B, Miao Z, Ly N, Mack TM, Luna SE, Prothro KP, Mitchell SR, Laurie CA, Broome JG, Taylor KD, Guo X, Sinner MF, von Falkenhausen AS, Käab S, Shuldiner AR, O'Connell JR, Lewis JP, Boerwinkle E, Barnes KC, Chami N, Kenny EE, Loos RJJ, Fornage M, Hou L, Lloyd-Jones DM, Redline S, Cade BE, Psaty BM, Bis JC, Brody JA, Silverman EK, Yun JH, Qiao D, Palmer ND, Freedman BI, Bowden DW, Cho MH, DeMeo DL, Vasani RS, Yanek LR, Becker LC, Kardina SLR, Peyser PA, He J, Rienstra M, Van der Harst P, Kaplan R, Heckbert SR, Smith NL, Wiggins KL, Arnett DK, Irvin MR, Tiwari H, Cutler MJ, Knight S, Muhlestein JB, Correa A, Raffield LM, Gao Y, de Andrade M, Rotter JI, Rich SS, Tracy RP, Konkole BA, Johnsen JM, Wheeler MM, Smith JG, Melander O, Nilsson PM, Custer BS, Duggirala R, Curran JE, Blangero J, **McGarvey S**, Williams LK, Xiao S, Yang M, Gu CC, Chen YI, Lee WJ, Marcus GM, Kane JP, Pullinger CR, Shoemaker MB, Darbar D, Roden DM, Albert C, Kooperberg C, Zhou Y, Manson JE, Desai P, Johnson AD, Mathias RA; NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium; Blackwell TW, Abecasis GR, Smith AV, Kang HM, Satpathy AT, Natarajan P, Kitzman JO, Whitsel EA, Reiner AP, Bick AG, Jaiswal S. Aberrant activation of TCL1A promotes stem cell expansion in clonal haematopoiesis. *Nature*. 2023 Apr;616(7958):755-763. doi: 10.1038/s41586-023-05806-1. PMID: 37046083. PMCID: PMC10360040.
294. Epidemiology of chronic multimorbidity and temporary migration in a rural South African community in health transition: a cross-sectional population-based analysis. Dzomba A, Ginsburg C, Kabudula CW, Yorlets RR, Ndagurwa P, Harawa S, Lurie MN, **McGarvey ST**, Tollman S, Collinson M, White MJ, and Gomez-Olive FX. *Front Epidemiol*. 2023; 3:1054108. doi: 10.3389/fepid.2023.1054108. PMID: 38455922, PMCID: PMC10910947.
295. Diminishing benefits of urban living for children and adolescents' growth and development. NCD Risk Factor Collaboration (NCD-RisC). [**McGarvey ST** as co-author in the Country & Regional Data Group]. *Nature* 2023; 615, 874–883. <https://doi.org/10.1038/s41586-023-05772-8>. PMID: 36991188; PMCID: PMC10060164.
296. A Polynesian-specific missense CETP variant alters the lipid profile. Moors J, Krishnan M, Sumpter N, Takei R, Bixley M, Cadzow M, Major TJ, Phipps-Green A, Topless R, Merriman M, Rutledge M, Morgan B, Carlson JC, Zhang JZ, Russell EM, Sun G, Cheng H, Weeks DE, Naseri T, Reupena MS, Viali S, Tuitele J, Hawley NL, Deka R, **McGarvey ST**, de Zoysa J, Murphy R, Dalbeth N, Stamp L, Taumoepeau M, King F, Wilcox P, Rapana N, McCormick S, Minster RL, Merriman TR, Leask M. *Human Genetics & Genomics Adv* 2023. 4(3): 100204. doi.org/10.1016/j.xhgg.2023.100204. PMID: 37250494, PMCID: PMC10209881.
297. Urban residence and elevated blood pressure among migrant women in South Africa. Pheiffer C, **McGarvey ST**, Ginsburg C, White MJ. *Health and Place*, 2023; 83: 103071. <https://doi.org/10.1016/j.healthplace.2023.103071>. PMID: 37421693 PMCID:

PMC10528937.

298. The genetic determinants of recurrent somatic mutations in 43,693 blood genomes. Weinstock JS, Laurie CA, Broome JG, Taylor KD, Guo X, Shuldiner AR, O'Connell JR, Lewis JP, Boerwinkle E, Barnes KC, Chami N, Kenny EE, Loos RJF, Fornage M, Redline S, Cade BE, Gilliland FD, Chen Z, Gauderman WJ, Kumar R, Grammer L, Schleimer RP, Psaty BM, Bis JC, Brody JA, Silverman EK, Yun JH, Qiao D, Weiss ST, Lasky-Su J, DeMeo DL, Palmer ND, Freedman BI, Bowden DW, Cho MH, Vasani RS, Johnson AD, Yanek LR, Becker LC, Kardina S, He J, Kaplan R, Heckbert SR, Smith NL, Wiggins KL, Arnett DK, Irvin MR, Tiwari H, Correa A, Raffield LM, Gao Y, de Andrade M, Rotter JI, Rich SS, Manichaikul AW, Konkle BA, Johnsen JM, Wheeler MM, Custer BS, Duggirala R, Curran JE, Blangero J, Gui H, Xiao S, Williams LK, Meyers DA, Li X, Ortega V, **McGarvey ST**, Gu CC, Chen YI, Lee WJ, Shoemaker MB, Darbar D, Roden D, Albert C, Kooperberg C, Desai P, Blackwell TW, Abecasis GR, Smith AV, Kang HM, Mathias R, Natarajan P, Jaiswal S, Reiner AP, Bick AG; NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium. *Sci Adv.* 2023; 9(17):eabm4945. doi: 10.1126/sciadv.abm4945. PMID: 37126548; PMCID: PMC10132750.
299. Associations of HIV and antiretroviral therapy with gestational diabetes: findings from a prospective cohort in South Africa. Bengtson AM, Madlala H, Matjila MJ, Levitt N, Goedecke JH, Cu-Uvin S, **McGarvey ST**, Werner EF, Myer L. Associations of HIV and antiretroviral therapy with gestational diabetes: findings from a prospective cohort in South Africa. *AIDS.* 2023; 37 (13): 2069-2079. doi: 10.1097/QAD.0000000000003678. PMID: 37534696; PMCID: PMC10538400
300. Global variation in diabetes diagnosis and prevalence based on fasting glucose and hemoglobin A1c. NCD Risk Factor Collaboration (NCD-RisC). [**McGarvey ST**, co-author in the Country & Regional Data Group]. *Nat. Med.* 2023; 29 (11): 2885-2901. doi: 10.1038/s41591-023-02610-2. PMID: 37946056. PMCID: PMC10667106.
301. Association between age at menarche and cardiometabolic risk among Samoan adults. Oyama S, Duckham RL, Pomer A, Rivara A, Kershaw EE, Wood A, Fidow UT, Naseri T, Reupena MS, **McGarvey ST**, Hawley NL. *Am J Hum Biol.* 2024; 36 (1); e23982. doi.org/10.1002/ajhb.23892. PMID: 37668413; PMCID: PMC10845161.
302. When the Cold Gets Under Your Skin: Evidence for Brown Adipose Tissue Activity in Samoan Adults. Niclou A, Vesi L, Arorae M, Naseri NC, Savusa KF, Naseri T, DeLany JP, **McGarvey ST**, Rivara AC, Hawley NL, Ocobock C. *Am J Biol Anthropol.* 2024; 183:e24848. doi.org/10.1002/ajpa.24848. PMID: 37740598; PMCID: PMC10843446.
303. Cardiometabolic health in pregnancy and postpartum: findings from a prospective cohort study in South Africa. Bengtson AM, Madlala H, Matjila MJ, Goedecke JH, Cu-Uvin S, **McGarvey ST**, Werner EF, Myer L. *Open Forum Infectious Disease* 2024, Feb 22; 11(3):ofae093. doi: 10.1093/ofid/ofae093. PMID: 38481429 PMCID: PMC10932940.
304. Associations of childhood BMI traits with blood pressure and glycated hemoglobin in 6–9-year-old Samoan children. Choy CC, Johnson W, Braun JM, Soti-Ulberg C, Reupena MS, Naseri T, Savusa K, Lupematasila VF, Arorae MS, Tafunaina F, Unasa F, Duckham RL, Wang D, **McGarvey ST**, Hawley NL. *Pediatric Obesity*, 2024; 19(6):e13112. doi:10.1111/ijpo.13112. PMID: 38439600 PMCID: PMC11081844.
305. Worldwide trends in underweight and obesity from 1990 to 2022: a pooled analysis of 3663 population-representative studies with 222 million children, adolescents, and adults. NCD Risk Factor Collaboration (NCD-RisC). [**ST McGarvey** as co-author in the Country &

- Regional Data Group]. *Lancet*. 2024 Mar 16;403(10431):1027-1050. doi: 10.1016/S0140-6736(23)02750-2. PMID: 38432237; PMCID: PMC7615769.
306. Accelerometer-based estimates of physical activity and sedentary time among Samoan adults. Hawley NL, Zarei P, Crouter SE, Desai MM, Pomer A, Rivara AC, Naseri T, Reupena MS, Viali S, Duckham RL, **McGarvey ST**. *J Phys Actv Health*. 2024 15:1-9. doi: 10.1123/jpah.2023-0590. Epub ahead of print. PMID: 38621669.
  307. Child, family and household characteristics associated with physical activity in Samoan children aged 3-8 years: A cross-sectional study. Warmath CR, Choy CC, McGarvey ST, Sherar LB, Duckham RL, Soti-Ulberg S, Naseri T, Reupena MS, Wang D, Hawley NL. *PLoS Glob Public Health*, 2024; 4(4):e0002886. doi: 10.1371/journal.pgph.0002886. PMID: 38630845; PMCID: PMC11023467.
  308. Validation of human telomere length trans-ancestry meta-analysis association signals identifies POP5 and KBTBD6 as novel human telomere length regulation genes. Keener R, Chhetri SB, Connelly CJ, Taub MA, Conomos MP, Weinstock J, Ni B, Strober B, Aslibekyan S, Auer PL, Barwick L, Becker LC, Blangero J, Bleecker ER, Brody JA, Cade BE, Celedon JC, Chang YC, Cupples LA, Custer B, Freedman BI, Gladwin MT, Heckbert SR, Hou L, Irvin MR, Isasi CR, Johnsen JM, Kenny EE, Kooperberg C, Minster RL, Naseri T, Viali S, Nekhai S, Pankratz N, Peyser PA, Taylor KD, Telen MJ, Wu B, Yanek LR, Yang IV, Albert C, Arnett DK, Ashley-Koch AE, Barnes KC, Bis JC, Blackwell TW, Boerwinkle E, Burchard EG, Carson AP, Chen Z, Chen YI, Darbar D, de Andrade M, Ellinor PT, Fornage M, Gelb BD, Gilliland FD, He J, Islam T, Kaab S, Kardia SLR, Kelly S, Konkle BA, Kumar R, Loos RJJ, Martinez FD, **McGarvey ST**, Meyers DA, Mitchell BD, Montgomery CG, North KE, Palmer ND, Peralta JM, Raby BA, Redline S, Rich SS, Roden D, Rotter JI, Ruczinski I, Schwartz D, Sciruba F, Shoemaker MB, Silverman EK, Sinner MF, Smith NL, Smith AV, Tiwari HK, Vasani RS, Weiss ST, Williams LK, Zhang Y, Ziv E, Raffield LM, Reiner AP; NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium; TOPMed Hematology and Hemostasis Working Group; TOPMed Structural Variation Working Group; Arvanitis M, Greider CW, Mathias RA, Battle A. Validation of human telomere length multi-ancestry meta-analysis association signals identifies POP5 and KBTBD6 as human telomere length regulation genes. *Nat Commun*. 2024 May 24;15(1):4417. doi: 10.1038/s41467-024-48394-y. PMID: 38789417; PMCID: PMC11126610.
  309. Associations between fasting glucose rate-of-change and the missense variant, rs373863828, in an adult Samoan cohort. Rivara AC, Russell EM, Carlson JC, Pomer A, Naseri T, Reupena MS, Manna SL, Viali S, Minster RL, Weeks DE, DeLany JP, Kershaw EE, McGarvey ST, Hawley, NL. *PLoS One*, 2024; 19(6):e0302643. doi: 10.1371/journal.pone.0302643. PMID: 38829901; PMCID: PMC11146712.
  310. Cohort Profile: Migrant Health Follow-Up Study (MHFUS) of internal migration in South African. Ginsburg C, Collinson MA, Pfeiffer CF, Gómez-Olivé FX, Harawa S, **McGarvey ST**, Ohene-Kwofie D, Foster AD, Myroniuk TW, Lurie MN, Tollman SM, White MJ. *Intl J of Epidemiol*, 2024, Jun 12; 53(4):dyae081. doi: 10.1093/ije/dyae081. PMID: 38866399; PMCID: PMC11168786.
  311. Preliminary efficacy of a community health worker homebased intervention for the control and management of hypertension in Kiambu County, Kenya - A randomized control trial. Mbuthia GW, Mwangi J, Magutah K, Oguta JO, Ngure K, McGarvey ST. *PLoS ONE*, 2024 Aug 29;19(8):e0293791. doi: 10.1371/journal.pone.0293791. PMID: 39208336;

- PMCID: PMC11361652.
312. Gestational weight gain and adverse birth outcomes in South African women with HIV on antiretroviral therapy and without HIV. Madlala H, Myer L, Jao J, Geffen H, Matjila M, Fisher A, Meyer D, Werner E, Petro G, Cu-Uvin S, **McGarvey ST**, Bengtson A. *J Intl AIDS Soc*, 2024, 27 (6): e26313. <https://doi.org/10.1002/jia2.26313>. PMID: 38926935. PMCID: PMC11208166.
  313. Antibodies to Helminth Defense Molecule-1 are associated with inflammation, organomegaly, and decreased nutritional status in schistosomiasis japonica. Ruiz AE, Pond-Tor S, Stuart R, Acosta LP, Coutinho HM, Leenstra T, Fisher S, Fahey O, McDonald EA, Jiz MA, Olveda RM, **McGarvey ST**, Friedman JF, Wu HW, Kurtis JD. Antibodies to helminth defense molecule-1 are associated with inflammation, organomegaly, and decreased nutritional status in schistosomiasis japonica. *J Infect Dis*. 2024 Jun 29: jiae330. doi: 10.1093/infdis/jiae330. PMID: 38942608. PMCID: PMC11481327.
  314. Dietary patterns and their socio-demographic correlates in the context of migration and urbanization demonstrate nutrition transitions in South Africa. Pheiffer CF, **McGarvey ST**, Ginsburg C, Harawa S, White MJ. *Global Public Health*, 2024, 19 (1): 2375541. doi.org/10.1080/17441692.2024.2375541. PMID: 39048557. PMCID: PMC11346347.
  315. General and abdominal adiposity and hypertension in eight world regions: a pooled analysis of 835 population-based studies with 7.5 million participants. NCD Risk Factor Collaboration (NCD-RisC). [**ST McGarvey** co-author in the Pooled Analysis and Writing Group; and Country & Regional Data Group]. *The Lancet* 2024, 404:851-863. doi: 10.1016/S0140-6736(24)01405-3. PMID: 39216975; PMCID: PMC7616775.
  316. Mobile phone interventions to improve health outcomes among patients with chronic diseases: an umbrella review and evidence synthesis from 34 meta-analyses. Sun S, Simonsson O, **McGarvey ST**, Torous J, Goldberg SB. *The Lancet Digital Health* 2024 Nov;6(11):e857-e870. PMID: 39332937; PMCID: PMC11534496. doi: 10.1016/S2589-7500(24)00119-5.
  317. Characterization of sleep apnea among a sample of adults from Samoa. Heinsberg LW, Pomer A, Cade BE, Carlson JC, Naseri T, Reupena MS, Viali S, Weeks DE, **McGarvey ST**, Redline S, Hawley NL. *Sleep Epidemiology* 2024, 4 (100099). PMID: 39749350, PMCID: PMC11694763. doi.org/10.1016/j.sleep.2024.100099.
  318. Shaping childhood obesity: behavioral and environmental risk factors associated with body mass index trajectories between 2 and 9 years in Samoan children. Choy CC, Johnson W, Naseri T, Lupematasila VF, Arorae MS, Tafunaina F, Unasa-Apelu F, Fa'asalele-Savusa K, Reupena MS, Braun JM, Duckham RL, Soti-Ulberg C, **McGarvey ST**, Hawley NL. *Int J Obes (Lond)*. 2025 Feb;49(2):322-331. doi: 10.1038/s41366-024-01665-6. PMID: 39472691; PMCID: PMC11805637.
  319. Worldwide trends in diabetes prevalence and treatment from 1990 to 2022: a pooled analysis of 1108 population-representative studies with 141 million participants. NCD Risk Factor Collaboration (NCD-RisC); [**McGarvey ST** as co-author in the Country & Regional Data Group]. *The Lancet* 2024, 404 (10467): 2077-2093. [https://doi.org/10.1016/S0140-6736\(24\)02317-1](https://doi.org/10.1016/S0140-6736(24)02317-1). PMID: 39549716; PMCID: PMC7616842.
  320. Serum anti-mullerian hormone levels and age among Samoan women. O'Brien G, Lambert-Messerlian G, Hawley NL, Fidow UT, Naseri T, Reupena MS, Kershaw EE, Azar M, Pangburn MM, **McGarvey ST**. *Reproductive Biology & Endocrinology* 2025, 23:45. <https://doi.org/10.1186/s12958-025-01379-y>. PMID: 40108611 PMCID: PMC11921511.

321. A genome-wide association study of anti-Mullerian hormone (AMH) levels in Samoan women. Erdogan-Yildirim Z, Carlson JC, Krishnan M, Zhang JZ, Lambert-Messerlian G, Naseri T, Viali S, Hawley NL, **McGarvey ST**, Weeks DE, Minster RL. Genes, 2025, 16, 793. <https://doi.org/10.3390/genes16070793>.
322. Black South Africans who migrate away from their rural homes and their chances of having abdominal obesity. Myroniuk TW, Ginsburg C, White MJ, **McGarvey ST**, Gómez-Olivé FX, Pfeiffer CF. Am J Human Biology, 2025; 37:e70103, [doi.org/10.1002/ajhb.70103](https://doi.org/10.1002/ajhb.70103).
323. Psychosocial correlates of HbA1c among adult Samoans without diabetes. Rivara AC, Heinsberg LW, Carlson JC, Pomer A, Naseri T, Reupena MS, Choy CC, Wang D, Kershaw EE, Viali S, **McGarvey ST**, Hawley NL. PLoS Ment Health 2(2): e0000196. <https://doi.org/10.1371/journal.pmen.0000196>.
324. Differences in stress coping between individuals from Germany and American Samoa and their relation to obesity, perceived stress, and depressive symptoms. Schrimpf A, van der Ryn M, **McGarvey ST**, Villringer A, Gaebler M, J Health Popul Nutr. 2025, 44(1):392. doi: 10.1186/s41043-025-01099-4. PMID: 41199345; PMCID: PMC12590776.
325. Maternal anthropometry, body composition and fat distribution by HIV status and antiretroviral therapy class in South African women. Madlala HP, Myer L, Geffen H, Jao J, Matjila M, Fisher A, Meyer D, Dugas L, Mendham A, Werner EF, Petro G, Cu-Uvin S, **McGarvey ST**, Goedecke J, Bengtson AM. AIDS Res Hum Retroviruses, 2025 Dec; 41(12): 588-597. doi: 10.1177/08892229251374692. PMCID: PMC12822828, PMID: 40903037.
326. Gestational Diabetes - Risk Factors and Outcomes among American Samoan Women (GROW): A Longitudinal Cohort Study Protocol. Carson DJ, Faasalele-Savusa K, Loia M, Tasele S, Iosefa E, Tupuola P, Sanchez KC, Kaabi O, Valencia RK, Rossillo MG, Murthy N, Akinade T, Heinsberg LW, Carlson JC, Flannery CA, **McGarvey ST**, Wood AN, Anesi S, Tofaeono V, Desobry K, Muasau-Howard BT, Bengtson AM, Kershaw EE, Hawley NL. PLoS ONE, (In press; ms: PONE-D-25-46549). PMID: 41282747; PMCID: PMC12636633.
327. Reproductive and metabolic hormone associations in adult Samoan males with and without Obesity. Bribiescas RG, Wiley K, Sancilio A, Panter-Brick CS, Viali S, Reupena MS, Naseri T, Hawley NL, Messerlian G, **McGarvey ST**. Evol, Med Public Health, 2026 14(1): eoag001. doi: 10.1093/emph/eoag001. PMID: 41890353; PMCID: PMC13014357.
328. Obesity rise plateaus in developed nations and accelerates in developing nations. NCD Risk Factor Collaboration (NCD-RisC; **ST McGarvey** as co-author). Nature 2026 653, 510–518. PMID: 42129527 PMCID: PMC13171639. [doi.org/10.1038/s41586-026-10383-0](https://doi.org/10.1038/s41586-026-10383-0).

## Manuscripts

1. Evolutionary and phenotypic consequences of Neanderthal and Denisovan introgression in Samoans. Liu C, Reilly PF, Qiu D, Minster RL, Weeks DE, **McGarvey ST**, Naseri T, Viali S, Polimanti R, Tucci S. (Revised Ms. submitted to Current Biol., 5-14-26).
2. The *Soifua Manuia* reference panel with 2,570 Samoan haplotypes improves genotype imputation quality among Samoans. Carlson JC, Krishnan M, Liu S, Anderson K, Zhang JZ, Yapp T-AJ, Chiyka EA, Dikec DA, Cheng H, Naseri T, Reupena MS, Viali S, Deka R, Hawley NL, **McGarvey ST**, Weeks DE, Minster RL. (Submitted to Communications Biology, Ms. Ref. #: COMMSBIO-25-4845; May 23, 2025. medRxiv doi: 10.1101/2023.10.31.23297835. PMID: 37961708, PMCID: PMC10635250.
3. Rare Non-coding Variation Identified by Large Scale Whole Genome Sequencing Reveals

- Unexplained Heritability of Type 2 Diabetes. J Wessel, TD Majarian, HM Highland, S Raghavan, MD Szeto, NR Hasbani, PS de Vries, JA Brody, C Sarnowski, D DiCorpo, X Yin, B Hidalgo, X Guo, J Perry, JR O'Connell, S Lent, ME Montasser, BE Cade, D Jain, H Wang, P Wu, S Bonàs-Guarch, R D'Oliveira Albanus, A Leong, I Miguel-Escalada, A Varshney, A Mahajan, NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium, TOPMed Anthropometry, Diamante, GL Kinney, LR Yanek, L Lange, M Almeida, JM Peralta, S Aslibekyan, AS Baldrige, AG Bertoni, LF Bielak, DW Bowden, C-S Chen, Y-DI Chen, SH Choi, WJ Choi, D Darbar, JS Floyd, BI Freedman, MO Goodarzi, R Irvin, RR Kalyani, T Kelly, S Lee, CT Liu, D Loesch, JE Manson, R Nassir, ND Palmer, JS Pankow, LJ Rasmussen-Torvik, AP Reiner, E Selvin, AH Shadyab, JA Smith, DE Weeks, L-C Weng, H Xu, J Yao, Z Yoneda, W Zhao, J Ferrer, MI McCarthy, SParker, A Alonso, DK Arnett, J Blangero, E Boerwinkle, MH Cho, A Correa, LA Cupples, JE Curran, R Duggirala, PT Ellinor, J He, SR Heckbert, SLR Kardia, RW Kim, C Kooperberg, S Liu, SA Lubitz, RA Mathias, **ST McGarvey**, BD Mitchell, AC Morrison, PA Peyser, BM Psaty, S Redline, D Roden, MB Shoemaker, NL Smith, KD Taylor, RS Vasani, KA Viaud-Martinez, JC Florez, JG Wilson, R Sladek, J Dupuis, SS Rich, JI Rotter, JB Meigs, AK Manning. medRxiv. 10.1101/2020.11.13.20221812 (2020). (Submitted to Nature Genetics, Ms. Ref. # NG-A56424-T).
4. Structural variation across 138,134 samples in the TOPMed consortium. Jun G, English AC, Metcalf GA, Yang J, et al., **McGarvey ST**, NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium, Reiner A, Gibbs RA, Boerwinkle E, Abecasis G, Sedlitz FJ. Res Sq [Preprint]. 2023 Feb 3:rs.3.rs-2515453. doi: 10.21203/rs.3.rs-2515453/v1. PMID: 36778386; PMCID: PMC9915771.
  5. The Effect of Internal Migration on Blood Pressure among a Cohort of Young Adults in South Africa. Pheiffer CF, McGarvey ST, Ginsburg C, Gómez-Olivé FX, White MJ. (Submitted to Social Science and Medicine, Ms. #: SSM-D-26-00823; Jan. 27, 2026).
  6. Prevalence and factors associated with abdominal and total obesity among low-income urban population of Kiambu County, Kenya. Mbuthia GW, Ndithia JM, Oguta JO, Akoth C, Magutah K, Kawira R, Nyariki C, Kimutai N, Kinyua A, **McGarvey ST**. medRxiv: doi: <https://doi.org/10.1101/2023.08.08.23293819>.
  7. Evaluation of screening strategies for gestational diabetes mellitus: risk factor-based versus universal approaches in women with and without HIV. HP Madlala, M Mennen, H Geffen, J Jao, M Matjila, A Fisher, G Petro, S Cu-Uvin, **ST McGarvey**, JH Goedecke, L Myer, AM Bengtson. (Ms. submitted South African Medical Journal, 1-20-26).
  8. Global trends in sex differences in obesity between 1975 and 2016. NCD Risk Factor Collaboration (NCD-RisC). [**ST McGarvey** as co-author in the Country & Regional Data Group]. (Ms. in preparation).
  9. The contribution of archaic introgression to local adaptation in Samoa. Miller SL, Tejada-Martinez D, Liu C, Reilly PF, Weeks DE, Naseri T, Viali S, Hawley NL, Polimanti R, Minster RL, **McGarvey ST**, Tucci S. (Ms. in preparation).
  10. CREBRF rs373863828 minimally regulates gene expression in subcutaneous adipose tissue of unfasted Samoan adults. Manna SL, Rivara AC, Prescott AT, Penaia C, Reupena MS, Naseri T, Selu M, Siufaga G, Faasalele-Savusa K, Unasa F, Lupematisila V, Pomer A, Lawrence E, Carlson JC, Russell EM, Krishnan M, Heisenberg L, Kershaw EE, Urban Z, Minster RL, Weeks DE, **McGarvey ST**, Hawley NL. (Ms. in preparation).
  11. Cardiometabolic health among women living with and without HIV during pregnancy and 5-

- 8 years post-delivery/postpartum: findings from a prospective birth cohort in South Africa. Pellowski JA, Bengtson AM, **McGarvey ST**, Botha M, Workman L, Burd T, Stein DJ, Mansell T, Burgner D, Zar HJ. (Ms. in preparation).
12. Score Transferability for Lipid Traits in Underrepresented Populations: Evidence from Samoan Cohorts. T-AJ Yapp, M Krishnan, S Liu, SL Manna, H Cheng, T Naseri, MS Reupena, S Viali, J Tuitele, R Deka, NL Hawley, **ST McGarvey**, DE Weeks, RL Minster, JC Carlson. (Ms. in preparation).
  13. Structural Variant Imputation in Samoans Using a Population-Specific Reference Panel. LM Spor, EM Liau, A Sanchis-Juan, AN Silva, H Cheng, T Naseri, MS Reupena, S Viali, J Tuitele, EE Kershaw, R Deka, NL Hawley, **ST McGarvey**, DE Weeks, JC Carlson, H Brand, RL Minster. (Ms in preparation).

#### Authors and Affiliations

#### Book

1. The Changing Face of Disease: Implications for Society. CRC Press LLC, Boca Raton FL, USA. Edited by N Mascie-Taylor, J Peters, **ST McGarvey**, 2004. ISBN#0-415-32280-4.

#### Chapters & Other Publications

1. Blood Pressure of Samoans. **ST McGarvey** and DE Schendel. In PT Baker, JM Hanna, TS Baker (eds.), The Changing Samoans: Behavior and Health in Transition. Oxford Press, N.Y., pp. 351-393, 1986.
2. Neonatal Salt Taste and Infant Blood Pressure: Report of Work in Progress. **S.T. McGarvey**, S.H. Zinner, L.P. Lipsitt, B. Rosner, W. Oh. In A. Hofman, D.E. Grobbee, M.A.D.H. Schalekamp (eds.), The Early Pathogenesis of Primary Hypertension Elsevier, Amsterdam, pp. 175-186, 1986.
3. Urinary Kallikrein and Blood Pressure in Infants and Children. **S.T. McGarvey**, S.H. Zinner, H.S. Margolius, B. Rosner. In O. Iimura, H.S. Margolius (eds.) Renal Function, Hypertension and the Kallikrein- Kinin System. University of Tokyo Press, Tokyo, pp. 161-167, 1988.
4. Modernization and Adiposity: Causes and Consequences. **S.T. McGarvey**, J. Bindon, D. Crews and D. Schendel. In M.A. Little and J.D. Haas (eds.). Human Population Biology: A Trans-disciplinary Science. Academic Press, NY, pp. 263-279, 1989.
5. Epidemiology of Blood Pressure in the First Two Years of Life. **ST McGarvey** and SH Zinner. In J.M.H. Loggie (ed.). Pediatric and Adolescent Hypertension, Blackwell, NY, Scientific Pub, Cambridge, MA, pp. 84-90, 1991.
6. The Effect of Aging on Hypertension and Cardiac Risk in Sleep Apnea. RP Millman, CC Carlisle, **ST McGarvey**, SE Eveloff, PD Levinson. In ST Kuna, JE Remmers, PM Suratt (eds). Sleep and Respiration in Aging Adults. Elsevier, Science Publ Co. NY, pp. 195-202, 1991.
7. Nutritional Status and Child Growth in Schistosomiasis **S.T. McGarvey**. Rhode Island Medicine 75(4), 187-190, 1992.

8. Economic Modernization and Human Adaptability Perspectives. **S.T. McGarvey**. In R. Huss-Ashmore, J. Schall, and M. Hediger (eds.). Health and Lifestyle Change. MASCA Research Papers in Science and Archaeology. Museum Applied Science Center for Archaeology, University Museum, University of Pennsylvania, Philadelphia. Vol. 9 pp. 105-113, 1992.
9. Intestinal Parasitism. **S.T. McGarvey**. In S.J. Ulijaszek, F.E. Johnston, M.A. Preece (eds.) Cambridge Encyclopedia of Human Growth and Development. The Cambridge University Press pp. 337, 1998.
10. Fat Patterning and Non-insulin Dependent Diabetes in Modernizing Populations, **S.T. McGarvey**. In S.J. Ulijaszek, F.E. Johnston, M.A. Preece (eds.) The Cambridge Encyclopedia of Human Growth and Development. Cambridge University Press, p. 231, 1998.
11. Modernization, psychosocial factors, insulin and cardiovascular health, **S.T. McGarvey** In C. Panter-Brick, C.M. Worthman (eds.) Hormones, Health and Behavior: A socio-ecological and lifespan perspective. Cambridge University Press, pp. 244-280, 1999.
12. The Epidemiology and Host-Parasite Relationships of *Schistosoma japonicum* in Definitive Hosts. **ST McGarvey**, XN Zhou, AL Willingham III, Z Feng, R Olveda. Parasitology Today, 15(6): 214-215, 1999.
13. Schistosomiasis: Impact on Childhood and Adolescent Growth, Malnutrition, and Morbidity. **ST McGarvey**. Seminars in Pediatric Infectious Diseases 11 (4): 269-274, 2000.
14. Research Faculty in Medical, Nursing and Public Health Schools. **ST McGarvey**, GD James. In AS. Ryan (ed.) A Guide to Careers in Physical Anthropology. Greenwood Publishing Group, 137-150, 2002.
15. Samoa. **ST McGarvey**, In CE D'Avanzo, EM Geissler (eds). Pocket Guide to Cultural Health Assessment, 3<sup>rd</sup> ed. Mosby, St. Louis, pp. 671-674, 2003.
16. Multidisciplinary Perspectives on *Schistosoma japonicum*. **ST McGarvey**, G Aligui, JD Kurtis, AL Willingham, H Carabin, R Olveda. In N. Mascie-Taylor, J Peters, **ST McGarvey** (eds.) The Changing Face of Disease: Implications for Society. CRC Press LLC, pp. 114-129, 2004.
17. Nutrition and health in modernizing Samoans: temporal trends and adaptive perspectives. ED Keighley, **ST McGarvey**, C Quested, C McCuddin, S Viali, U Maga. In R Ohtsuka, SJ Ulijaszek (eds). Health Change in the Asia-Pacific Region: Biocultural and Epidemiological Approaches. Cambridge University Press, pp.147-191, 2007.
18. Application of Genetic Epidemiology to Understanding Pediatric Obesity. R Mair, **ST McGarvey**. In E Jelalian, RG Steele, (eds). Handbook of Childhood and Adolescent Obesity. Springer Press, pp. 163-179, 2008.
19. Zoonotic schistosomiasis, Chap 55. H Carabin, MV Johansen, JF Friedman, **ST McGarvey**, H Madsen, S Riley. In Oxford Textbook of Zoonoses. Second Edition. Edited by S Palmer, S Soulsby, P Torgerson, DWG Brown. Oxford University Press, pp. 700-710, 2011.
20. Afterword. **ST McGarvey**. In Reconstructing Obesity: The Measure of Meanings and the Meaning of Measures. Edited by M McCollough and J Hardin. Berghahn Books,

New York, NY, pp 235-7, 2013.

### **Book Reviews**

1. Analysing survival data from clinical trials and observational studies: Statistics in Practice, by: Errore Marubini and Maria Grazia Valsecchi. Series Editor, Vic Barnett, John Wiley and Sons. **ST McGarvey**. Human Biology, 68: 840-842, 1996.
2. The Human Biology of the English Village. **ST McGarvey** By G Ainsworth Harrison. Oxford University Press. Jl of Biosocial Science, 29: 512-513, 1997.

**Abstracts** (abstracts available by request)

### **INVITED PRESENTATIONS**

- 1) Blood pressure of Samoans in Hawaii and American Samoa. S.T. McGarvey. In a symposium: Biological and Social Consequences of Migration and Modernization among Samoans. American Anthropological Association. Los Angeles. 1978.
- 2) Biomedical characteristics of the Samoan community in Hawaii. J.M. Hanna and S.T. McGarvey. In Man and the Biosphere Conference: Migration and Adaptation to Environmental Change: Processes in Socioeconomic and Biological Evolution. Honolulu. 1981.
- 3) Modernization and Health in Samoans. S.T. McGarvey. Colloquium. Department of Anthropology, Brown University. 1982.
- 4) Margaret Mead, Derek Freeman and Anthropological Research. Colloquium and Roundtable Discussion. Department of Anthropology, Brown University. 1983.
- 5) Modernization, emotion and blood pressure among Samoan women. S.T. McGarvey and M. Weishaar. Citation Paper. Annual Meeting, the Society of Behavioral Medicine, Philadelphia. 1984.
- 6) Salt Taste and Blood Pressure: Work in Progress. S.T. McGarvey, S.H. Zinner, L. Lipsitt, B. Rosner, W. Oh. International Symposium on the Early Pathogenesis of Primary Hypertension. Rotterdam, The Netherlands. 1986.
- 7) Neonatal Salt Taste and Infant Blood Pressure. S.H. Zinner, L. Lipsitt, S.T. McGarvey. NIH Investigators Meeting. Bethesda, MD. Nov. 13. 1986.
- 8) Urinary Kallikrein and Blood Pressure in Infants and Children. S.T. McGarvey, S.H. Zinner, H.S. Margolius, B. Rosner. Symposium on Renal Function, Hypertension and Kallikrein-Kinin System. Sapporo, Japan, December 7-9, 1987.
- 9) Neonatal Salt Taste and Infant Blood Pressure. S. T. McGarvey. University of Sapporo, Department of Psychology Colloquium. Sapporo, Japan, December 9, 1987.
- 10) The Impact of Modernization on Human Biology and Health. S.T. McGarvey. Shanghai 2nd Medical University. Shanghai, People's Republic of China, Dec. 11, 1987.
- 11) Genetic and Environmental Influences on Childhood Blood Pressure. S.T. McGarvey. Shanghai 2nd Medical University, Shanghai, P.R. of China, Dec. 18, 1987.
- 12) Psychosocial Factors and Blood Pressure in Modernizing Samoans. S.T. McGarvey. Departmental Colloquium. Department of Anthropology, University of Massachusetts, Amherst, MA. April 4, 1988.

- 13) Maternal Pregnancy Diet and Infant Blood Pressure. S.T. McGarvey. Brown University Pediatrics Division Colloquium. July 19, 1988.
- 14) Human Adaptability and Modernization of the Socio-Economic Environment. S.T. McGarvey. In a Symposium on Biological Approaches to Health and Life-Style Change. American Anthropological Association, Phoenix, AZ, November 17, 1988.
- 15) Biological Anthropology Perspectives on Schistosomiasis. S.T. McGarvey. Research Institute for Tropical Medicine, Manila, Philippines, May 16, 1989.
- 16) Economic Modernization in Polynesia and Cardiovascular Disease. S.T. McGarvey. Nanjing Medical College, Nanjing, China, June 3, 1989.
- 17) Malnutrition, Child Growth and Schistosomiasis. S.T. McGarvey. Jiangxi Provincial Institute of Parasitic Diseases, Nanchang, Jiangxi, China, June 7, 1989.
- 18) Progress Report on Schistosomiasis Project in Jiangxi, China. S.T. McGarvey. Brown University Population Studies and Training Center Summer Lectures, July 19, 1989.
- 19) Child Growth and Schistosomiasis in the Philippines and China. S.T. McGarvey, B. Daniel, M. Tso, G.L. Aligui, R. Olveda, Wu, G., Zhang, S., Wiest, P., Olds, G.R. WHO/Rockefeller Tropical Disease Research - 1st Annual Meeting, Bangalore, India, Dec. 4-8, 1989.
- 20) A Perspective on the Etiology of Obesity in Polynesians, Focusing on Samoans. S.T. McGarvey. National Institutes of Health, National Heart, Lung and Blood Institute. Workshop on obesity in minority populations, Bethesda, MD. August 28-29, 1990.
- 21) Human Biological and Health Responses to Economic Modernization in Samoa. S.T. McGarvey. Seminar Talk, Yale University School of Medicine, Department of Epidemiology and Public Health, January 14, 1991.
- 22) Temporal Changes in Obesity and Lipids in American Samoa. S.T. McGarvey. Pacific Science Congress, Honolulu, May 30, 1991.
- 23) Malnutrition, Child Growth and Schistosomiasis japonica. S.T. McGarvey. Pacific Science Congress, Honolulu, May 31, 1991.
- 24) Schistosomiasis and Child Growth. S.T. McGarvey. Jiangxi Institute for Parasitic Diseases, Nanchang, Jiangxi China, July 6, 1991.
- 25) Nutrition, Child Growth and Schistosomiasis in the Philippines and China. S.T. McGarvey. Department of Anthropology and Medical Scholars Program, Case Western Reserve University, Cleveland, Ohio, February 11, 1992.
- 26) Biocultural Approaches to Samoan Modernization. S.T. McGarvey. Department of Anthropology and Medical Scholars Program, Case Western Reserve University, Cleveland, Ohio, February 12, 1992.
- 27) Demographic Aspects of Modernization in Samoa. S.T. McGarvey. Brown University, Population Studies and Training Center, Summer Lectures, July 8, 1992.
- 28) Nutrition, Child Growth and Schistosomiasis japonica: population surveys and effects of treatment with praziquantel. S.T. McGarvey, R. Olveda, E. Aligui, G. Wu, S. Zhang, P.M. Wiest, G.R. Olds. Japan - U.S. Cooperative Medical Science Program. Twenty-seventh Joint Conference on Parasitic Disease Maeboshi, Japan. July 14-18, 1992

- 29) Schistosomiasis japonicum in the Philippines and China: Epidemiology and approaches to control. G.R. Olds, R. Olveda, G. Wu, P.M. Wiest, S.T. McGarvey. Schistosomiasis Research Project Meeting, Egyptian Ministry of Health, Cairo, Egypt, February 20, 1993.
- 30) Lecture Series on: Modernization and Health in Western Samoa: Department of Health, Government of Western Samoa. S.T. McGarvey. June 4-9, 1993.
  - June 4 - Dietary Changes in Samoa and Cardiovascular Health.
  - June 8 - Modernization and Health in Western Samoa.
  - June 9 - Cardiovascular Risk Factors: Report on 1991 Survey.
- 31) Epidemiological and human biological studies on adiposity and cardiovascular disease risks in Samoans. S.T. McGarvey. University of Auckland, Department of Anthropology Seminar Auckland, New Zealand. June 30, 1993
- 32) Adaptive perspectives on psychosocial, biological, and health responses to modernisation: The Samoan case. S.T. McGarvey. University of Auckland, Department of Anthropology Seminar Auckland, New Zealand. July 01, 1993
- 33) Nutritional status, child growth and cognition in children with schistosomiasis japonica. S.T. McGarvey. International Symposium on Schistosomiasis. Manila, and Palo, Leyte, the Philippines. November 9, 1993.
- 34) Cognitive function and polyparasitism in Chinese school children. Partnership for Child Development Workshop. Tarrytown, New York. February 14, 1994.
- 35) Adiposity and cardiovascular risk factor: Results of 2-year follow-up. S.T. McGarvey. Western Samoa Department of Health, Apia, Western Samoa. April 6, 1994.
- 36) Biocultural perspectives on fertility in Western Samoa. S.T. McGarvey, A. Brewis. Brown University Working Group in Anthropology and Demography Colloquium, April 21, 1994.
- 37) Randomized studies of anti-schistosomal drugs on nutritional status and cognitive function in the Philippines and in China. S.T. McGarvey, G. Aliqui, R. Olveda, Wu, G., Liu C., L. Shiue, C. Nokes, G.R. Olds. National Institute of Health, National Institutes of Allergy and Infectious Disease. International Centers for Tropical Disease Research, Second Annual Meeting. Bethesda, MD. April 28, 1994.
- 38) Approaches towards control of Schistosomiasis japonica: Population-based chemotherapy and vaccine development. PM Wiest, JD Kurtis, BL Ramirez, G Wu, S Zhong, ST McGarvey, RM Olveda, GR Olds. Workshop on the Molecular Biology of Schistosoma japonicum. Ministry of Public Health / Tropical Disease Research. Nanjing Medical University, People's Republic of China. October 24-26, 1994.
- 39) Modernization, lifestyle and health. S.T. McGarvey. Symposium on Hormones, Health and Behavior. Human Biology Association Meetings, Oakland, California. March 29, 1995.
- 40) Biocultural aspects of social changes in Samoa. S.T. McGarvey. Department of Anthropology Colloquium, University of Massachusetts, Amherst, October 30, 1995
- 41) Government of Western Samoa Health Department Lectures. S.T. McGarvey.
  - Report on 4-year Longitudinal Study, May 22, 1996

- Overweight and Heart Disease, May 29, 1996

- 42) Discussant for Symposium: Biocultural Approaches to Studies of Human Reproduction. American Anthropological Association Annual Meeting, San Francisco, November 20, 1996.
- 43) Cardiovascular Risk Factors in Modernizing Samoans. Research Colloquium. University Physicians Foundation, The Miriam Hospital, February 20, 1997.
- 44) Psychosocial Factors and CVD Risk in Modernizing Samoans. Dept of Community Health, Brown University, April 10, 1997.
- 45) Report on Samoan Adiposity and Cardiovascular Disease Risk Factors Study. Department of Health, Western Samoa, Apia, W Samoa, June 11, 1997.
- 46) Childhood and Adolescent Growth in Modernizing Samoans. ST McGarvey, MS Steele. The Eighth International Congress of Auxology: Human Growth and Development. Philadelphia, July 2, 1997.
- 47) Nutrition and Parasitism in Children in Developing Countries. Lead Lecture at a Workshop Pigs and People: Similarities and Differences with Respect to Parasites and Nutrition, The Centre for Experimental Parasitology, The Royal Veterinary and Agricultural University, Copenhagen, Denmark, December 3, 1997.
- 48) Multidisciplinary Studies of Schistosomiasis japonica in The Philippines and China. Danish Society of Parasitology & The Danish Society for Tropical Medicine, Winter Meeting, Copenhagen, Denmark, December 4, 1997.
- 49) Multidisciplinary Perspectives on Community Studies of Schistosomiasis japonica in the Philippines and China. International Workshop, "The Epidemiology and Host-Parasite Relationships of Schistosoma japonicum in Definitive Hosts", Wuxi, Jiangsu Province, China, September 8, 1998.
- 50) Samoan Adiposity and Cardiovascular Risk Study: Genetic, Evolutionary and Adaptive Perspectives. Workshop on Anthropological and Primate Genetics. Southwest Foundation for Biomedical Research, San Antonio, Texas, November 20, 1998.
- 51) Biobehavioral and Evolutionary Perspectives on Samoan Responses to Modernization. Colloquium, Department of Anthropology, State University of New York, Binghamton, March 5, 1999.
- 52) Multidisciplinary Perspectives on Schistosomiasis japonica in China and The Philippines. Departmental Seminar, Department of Biological Sciences, State University of New York, Binghamton, March 5, 1999.
- 53) How to Integrate International Health into Your Career. Faculty Panel. International Health Medical Education Consortium (IHMEC) Annual Meeting, Boston University Medical School, October 23, 1999.
- 54) Modernizing Samoans and Cardiovascular Risk: Environmental, Genetic and Evolutionary Perspectives. Departmental Colloquium, Department of Environmental Health, University of Cincinnati Medical Center, October 27, 1999.
- 55) Genetic Epidemiology Studies among Samoans. Women in Science & Engineering (WISE) at Brown University, April 4, 2000.
- 56) Behavioral, Environmental and Genetic Perspectives on Samoan Human Biological Responses to Modernization. Departmental Colloquium, Department

- of Anthropology, Harvard University, September 22, 2000.
- 57) International Health Research Prospectus: Compound Social & Economic Factors, Seasonality, Childhood Nutritional and Immune Status, Morbidity and Mortality. Brown University Population Training & Studies Center Colloquium, Nov. 16, 2000.
  - 58) Integrating International Health into Your Professional Career. Professional Panel. New England Regional International Health Medical Education Consortium (IHMEC) Medical Student Conference, Massachusetts Medical Society, October 6, 2001.
  - 59) Ecology and Transmission of *S japonicum* in The Philippines: A Research Prospectus. Stakeholders' Meeting on Environmental Management of *Schistosoma japonicum* in the Philippines. Sponsored by WHO Program in Experts in Environmental Management (PEEM), Palo, Leyte. The Philippines, October 18-20, 2001.
  - 60) Ecology and Transmission of *Schistosoma japonicum* in Rice Farms in the Visayas, The Philippines. Colloquium Working Group on Anthropology and Population. Brown University, Nov. 9, 2001.
  - 61) Obesity, Hypertension and Type 2 Diabetes in Modernizing Samoans. Renal and Hypertension Group, Dept of Medicine, Rhode Island Hospital, January 18, 2002.
  - 62) Evolutionary and Adaptive Perspectives on Samoan Obesity and Diabetes. Department of Anthropology Colloquium, State University of New York at Albany, January 25, 2002.
  - 63) Two Colloquia in the Environmental Health Colloquium for the Watson Institute for International Studies International Scholars of the Environment program. A. Environmental Health in Developing Nations: Epidemiology and Context January 23, 2002.  
B. Ecology and Transmission of *Schistosoma japonicum*: A Case Study in Environmental Health, January 30, 2002.
  - 64) Ecology & Transmission of *S. japonicum* in The Philippines. Network Meeting Ecology of Infectious Diseases. Fogarty International Center, NIH, June 12-14, 2002.
  - 65) Obesity and Diabetes as Public Health Problems in the Developing World. The Leadership Alliance, Summer Research Early Identification Program. Brown University, July 12, 2002.
  - 66) The Changing Burden of Disease in Developing Nations. Villanova University-Howard Hughes Medical Institute Summer Research Institute in Biology, Computing & Mathematics. Villanova, Pennsylvania, July 18, 2002.
  - 67) Nutrition and Health in Modernizing Samoans: Evolutionary and Adaptive Perspectives. Invited talk in a Symposium "Modernization and Biocultural Adaptation among Populations of the Asia-Pacific Region". International Union of Anthropological and Ethnological Sciences Inter-Congress, Tokyo, Sept. 23, 2002.
  - 68) AIDS International Training and Research Program (AITRP) at Brown University. Colloquium at Nanjing Medical University, Nanjing, Jiangsu Province, China, November 4, 2002.
  - 69) Teaching International Health. Informal Roundtable. Nanjing Medical University, November 6, 2002.
  - 70) Gene-Environment Interactions: Recent Research in Samoa. In a Symposium, Is Our Fate Determined by Our Genes? Dept of Mental Hygiene, Johns Hopkins University School of Public Health, Nov 15, 2002.

- 71) Genetic Epidemiology of Obesity and Type 2 Diabetes in Samoans. University of Alaska, Anchorage, Sept 24, and University of Alaska, Fairbanks and Center for Alaska Native Health Research, Sept 26, 2003.
- 72) Why Study Genes? Genetic Epidemiology of Adiposity and Type 2 Diabetes in Samoans. Population and Studies Training Center, Brown University, Nov 6, 2003.
- 73) Ecology and Transmission of *Schistosoma japonicum* in the Philippines. Dept of Ecology & Evolutionary Biology. Brown University, Nov 10, 2003.
- 74) Samoan Obesity, Diabetes and CVD Risk Factors. Division of Endocrinology, Dept of Medicine, Brown University Medical School and Hallett Diabetes Cntr. Lifespan Academic Medical Center, Nov 25, 2003.
- 75) Genetic Epidemiology Studies of Type 2 Diabetes and Obesity in Modernizing Samoans. University of Alabama-Birmingham, Clinical Nutrition Research Center & Statistical Genetics Group, Mar 9, 2004.
- 76) Nutrition and Health of Modern Samoans. Course lecture in ANBR 354 Nutrition & Evolution, University of Michigan, Dept of Anthropology, March 18, 2004.
- 77) History, Evolution and Adaptation in Samoan Biology and Health. Colloquium, Department of Anthropology, University of Pennsylvania, March 24, 2004.
- 78) The Global Burden of Disease. 37<sup>th</sup> Annual Meeting of the Association for Population/Family Planning Library and Information Centers-International. Boston, March 30, 2004.
- 79) Quantitative trait linkage mapping studies in Samoa. Invited presentation in Symposium "QTL Mapping in Biological Anthropology". A joint symposium of the American Association of Anthropological Genetics and the American Association of Physical Anthropology. Annual Meeting, Tampa, FL, April 16, 2004.
- 80) Puberty, immunity and malnutrition in *Schistosoma japonicum*. Invited presentation in Symposium "Human Ecological Immunology: Models and Methods for Future Research". Joint Symposium of American Association of Physical Anthropology and Human Biology Association, Annual Meeting, Tampa FL, April 16, 2004.
- 81) Ethical Issues in International Research. In "It's a Small World", an IRB seminar on international research. Brown University and Lifespan, Dec 6, 2004.
- 82) Prevalence of the metabolic syndrome in Samoans . Invited Symposium presentation in "The Metabolic Syndrome: Epidemiological, Methodological, Genetic, and Cross-Cultural Perspectives." Joint Symposium of American Association of Physical Anthropology and Human Biology Association, Annual Meeting, Milwaukee, April 7, 2005.
- 83) Nutrition, Genes and Health of Modern Samoans. Monell Chemical Senses Center, Philadelphia, PA. March 28, 2006.
- 84) Association of human and animal *S. japonicum* infection in the Philippines. International Research in Infectious Diseases Annual Meeting May 30, 2006. NIH/NIAID, Bethesda, Maryland.
- 85) Socioeconomic influences, CVD Risk Factors and Economic Development in the Samoas. 32nd School of Biological Anthropology. In a symposium "Biological, Cultural and Environmental Linkages: Current Research and Future Trends". Organized by the Croatian Anthropological Society, Institute for Anthropological Research, and Croatian Medical Association. Zagreb, Croatia, June 10, 2006.
- 86) Obesity and Health of Contemporary Samoan Women: Epidemiologic and

- Applied Anthropology Perspectives. In a symposium "Anthropological Perspectives on Women and Obesity". International Institute for Advanced Studies in Anthropology. Hvar, Croatia, June 14, 2006.
- 87) Samoan Biology and Health: History, Adaptation and Applied Research. Loughborough University College of Human Sciences. December 13, 2006.
  - 88) Biology and Health: History, Adaptation and Applied Research. Cells to Society Program and Department of Anthropology Colloquium, Northwestern University, February 5, 2007.
  - 89) Samoan Biology and Health: History, Adaptation and Applied Research. Charles J. Hoff Memorial Annual Lecture. Research Infrastructure Minority Institutions Program, University of Hawaii, Hilo. February 19, 2007.
  - 90) Samoan Biological Responses to the Nutrition Transition: Health, History, Adaptation and Applied Research. Cornell University, Program in International Nutrition Colloquium. October 25, 2007.
  - 91) Temporal Trends in Obesity and CVD Risk Factors in Samoans. American Samoa Community College, Land Grant Program. Pago Pago, American Samoa, Jan 14, 2008.
  - 92) Applied Public Health Research on Non-Communicable Diseases among Samoans. Samoa Ministry of Health and Oceania School of Medicine. Jan 16, 2008, Apia, Samoa
  - 93) Implications of the Rise in Non-Communicable Diseases for Applied Health Research. Program in Appropriate Technology in Health (PATH), Seattle, Jan 22, 2008.
  - 94) Health Responses to Economic Development in Samoans: Biological, Behavioral and Applied Research. Grand Rounds. Center for Primary Care and Prevention. Memorial Hospital, Brown University, Pawtucket, RI. Feb 12, 2008.
  - 95) Nutrition Transitions in the Samoas and South Africa. Africa Centre for Health and Population Studies, University of KwaZulu-Natal, Mtubatuba, S Africa. March 11, 2008.
  - 96) Interdisciplinary Perspectives in Global Health. Case Western Reserve University, Dept of Anthropology. Combined undergraduate and graduate courses in global health. Feb 12, 2009
  - 97) Public Health in the Samoas: Anthropology, Nutrition and Translational Research. Case Western Reserve University, Lecture Series in Global Health, Culture and Change. February 12, 2009.
  - 98) Schistosomiasis in The Philippines: Transmission, Ecology & Future Directions. Case Western Reserve University School of Medicine. Medical World Health Interest Group, Center for Global Health and Disease. February 13, 2009.
  - 99) Developing Country Children and the Nutrition Transition: Etiologic and Applied Research. Brown University, Pediatric Global Health Interest Group Lecture Series, February 17, 2009
  - 100) Interdisciplinary Studies of the Nutrition Transition in South Africa. 7<sup>th</sup> Annual Wits/Brown/Colorado/APHRC Colloquium on Emerging Population Issues. Boulder, CO, May 5, 2009.
  - 101) Investigating Population Health and Wellbeing. Biological Anthropology of Health in the 21<sup>st</sup> Century. From Describing Variation to Understanding

- Determinants. 35<sup>th</sup> School of Biological Anthropology, Croatian Academy of Sciences and Arts, Zagreb, Croatia, June 10, 2009.
- 102) Investigations of the Determinants of non-communicable diseases of lifestyle in Samoans. Workshop of the 35<sup>th</sup> School of Biological Anthropology, Institute of Anthropology, Zagreb, Croatia. Dubrovnik, Croatia, June 12-13, 2009.
  - 103) The Epidemiologic Transition: The Burden of Disease in Industrialized and Developing Countries. Invited Lecture in Plenary Session ‘Rich Bug Poor Bug – Human Microbiota in the Industrialized and Developing World’. American Society for Microbiology Annual Meeting, New Orleans, May 24, 2011.
  - 104) Epigenetics, human biology and health responses to modernization in the Samoan Archipelago. Anthropology of Transition and Tradition. 33<sup>rd</sup> International Workshop on Anthropology and Health. Hvar, Croatia, Sept 12-15, 2012.
  - 105) Behavioral Intervention to Improve Diabetes Care: Evidence from a Randomized Trial in American Samoa. Translating Research into Healthy Native Hawaiian and Pacific Islander Communities. Plenary Presentation, Los Angeles, Sept 23-24, 2012.
  - 106) Ecology & Transmission of Schistosomiasis. Marine Biological Laboratory (MBL) & Brown University meeting on Environment and Health, MBL, Woods Hole, MA, Nov 9-10, 2012
  - 107) A Community Health Worker Behavioral Intervention to Improve Diabetes Control in American Samoa. Vanderbilt University Diabetes Research & Training Center, Oct 25, 2013.
  - 108) Temporal and Developmental Approaches to Human Biology and Health in Samoans. In a symposium ‘Comparative Advantage: Global Perspectives on Human Biology and Health’. American Association for the Advancement of Science 2014 Annual Meeting, Chicago, Feb 16, 2014.
  - 109) Interdisciplinary Approaches to the Nutrition Transition: Obesity and Health in Modernizing Samoans. Division of Nutritional Sciences Colloquium. Cornell University. Feb 24, 2014.
  - 110) Interdisciplinary Approaches to the Nutrition Transition: Obesity and Health in Modernizing Samoans. Yale University, Department of Anthropology, Bioanthropology Group, March 27, 2014.
  - 111) Four lectures in American Samoa May 28-June 5, 2014: Community Health Workers and Diabetes Control and Infant Feeding and Obesity.
  - 112) Interdisciplinary Approaches to the Nutrition Transition: Obesity and Health in Modernizing Samoans. University of Michigan, Dept. of Epidemiology, Sept 18, 2014.
  - 113) Community health worker intervention to improve diabetes control in American Samoa. First Int’l Pacific Health Conference. Auckland, NZ. Nov 3-5, 2014.
  - 114) Interdisciplinary Approaches to the Nutrition Transition: Obesity and Health in Modernizing Samoans. Department of Molecular Medicine and Pathology, University of Auckland Medical School, Nov 5, 2014.
  - 115) Temporal Trends in CVD Risk Factors and the Need for Public Health Interventions in Samoans. 5<sup>th</sup> Bilateral Samoa Health Summit, Pago Pago, American Samoa, Nov 12, 2014.
  - 116) Obesity and the Nutrition Transition in Samoans. Max Planck Institute for Cognitive Neurosciences. Leipzig, Germany Dec 16, 2014.

- 117) Interdisciplinary Approaches to the Nutrition Transition among Samoans. University of Maryland, Maryland Population Research Center. Nov 30, 2015.
- 118) Interdisciplinary Approaches to the Nutrition Transition among Samoans. Brown University Global Health Research Day, Faculty Lecture, April 21, 2016.
- 119) Identification of a new obesity gene in the Samoan population. Queenstown Medical Research Week, Mapnet Diabetes and Obesity Satellite, Sept 2, 2016. Nelson, New Zealand.
- 120) Interdisciplinary Perspectives on Samoan Biological Responses to Modernization: Evolutionary, Genetic, Nutritional and Sociocultural Factors. Sept. 5, 2016. University of Otago, Dunedin, NZ.
- 121-3) Identification of a new obesity gene in the Samoan population. Several Brown University Research Groups: Population Studies and Training Center, Sept 15, 2016; Center for Computational Molecular Biology, Oct 11, 2016; Center for International Health Research, Oct 18, 2016.
- 124) Identification of a new obesity gene among Samoans. Tulane University School of Public Health, Dept of Epidemiology, New Orleans, LA, April 21, 2017.
- 125) Interdisciplinary Perspectives on Samoan Biological Responses to Modernization: Evolutionary, Genetic, Nutritional and Sociocultural Factors. University of Maryland Medical School, Nutrition & Obesity Research Center, May 7-8, 2017.
- 126) Genetics, History, Human Biology and Health among Samoans. 3rd International Founder Populations Conference. The Discovery Research in Founder Populations (DRIFT) Program. October 14, 2019. Houston, Texas.
- 127) Samoan Population History, Biology, Evolution and Public Health, 1975-2025. Yale University, Department of Anthropology, April 18, 2025.

## **MENTOR, TRAINING AND TEACHING EXPERIENCE**

### Physician Scientist Mentor

2002-2006 Primary Mentor for K23-AI52125 Physician Scientist Award to Jennifer Friedman, MD, entitled “Mechanisms of *S. Japonicum* related malnutrition and anemia”.

### Postdoctoral Fellow Mentoring

2019-21 Primary Mentor for Grace Mbutia, RN, PhD, Lecturer, Department of Community Health, College of Health Sciences, Jomo Kenyatta University of Agriculture and Technology, Nairobi, Kenya. Supported by The Consortium for Advanced Research Training in Africa (CARTA),

2009-11 Primary Mentor for Nicola Hawley, PhD, Human Biology & Genetic Epidemiology of Samoans. International Health Institute, Brown University

1996-98 Primary Mentor for Alexandra Brewis, PhD, Anthropological Demography, Mellon Foundation Fellow at Brown University.

1993-95 Primary Mentor for Daniel J Galanis, PhD, Nutritional Epidemiology, International Health Institute, Brown University.

### PhD Student Dissertation Committees -Brown University, N= 24

2020-24 PhD Committee member, Amanda Ruiz, ‘Whole Proteome Differential Screening for the Identification of Novel Schistosomiasis Japonica Vaccine Candidates’, Pathobiology Graduate Program.

2019-21 Chair, PhD committee, Courtney Choy, ‘Longitudinal growth, obesity, and

- cardiometabolic risk in Samoan children’, Dept of Epidemiology.
- 2019-20 PhD Committee member, Tracy Madsen, ‘A Sex-Specific Approach to Stroke Epidemiology and Prevention’. Dept of Epidemiology.
- 2017-22 PhD Committee member, Chantel Pheiffer, ‘For Better or Worse? Geographic Mobility, Place, and Health in a Transitioning Context’, Dept of Sociology.
- 2016-19 PhD Committee member, Brianna Osetinsky, ‘HIV and Non-Communicable Disease: Integrated Modeling and Evaluation of Chronic Care in Africa’, Dept. of Health Service, Policy & Practice.
- 2016-19 PhD Committee member, Yashas Vaidya, 'Determinants and Metrics of Community Context and Health Outcomes in the Presence of Urban Transformations', Dept of Sociology.
- 2017-19 PhD Committee member, Qing Liu, ‘Genes, Lipids, and Their Interactions on Obesity and Coronary Heart Disease’, Dept of Epidemiology
- 2017-18 PhD Committee member, Mengna Huang, ‘Dietary Carbohydrates, Associated Biomarkers and Genetic Risk in Cardiometabolic Diseases’, Dept. of Epidemiology.
- 2014-17 Chair, PhD Committee, Ida Sahlu, ‘Estimating the Burden of Neurological Disorders in Low-Resource Settings’, Dept. of Epidemiology.
- 2015-16 PhD Committee, Jessica Shoaf, ‘Prenatal phthalate exposure and childhood obesity’, Dept. of Epidemiology.
- 2010-11 Ph.D. Committee, Haley Menard Cash, “DNA Methylation of Repeat Regions in Human Cancer and Metabolic Disease”, Pathobiology Graduate Program.
- 2009-11 Ph.D. Committee, Nicholas Everage, “Clustering of Risk Factors and Health Disparities in African Americans”. Epidemiology Program, Dept of Community Health.
- 2008-11 Ph.D. Committee, Kartik Venkatesh, “Combining HIV prevention and treatment in Southern Africa and India: implications for care delivery in resource-limited settings.” Epidemiology Program, Dept of Community Health.
- 2008-11 Ph.D. Committee, Jian Gong, “Physical Activity and Acute Myocardial Infarction: Acute and Chronic Effects Modified by Genetic Variations.” Epidemiology Program, Dept of Community Health
- 2007-09 Ph.D. Committee, Mario Jiz, “Vaccine Development in Schistosomiasis japonica: Paramyosin as a leading candidate.” Pathobiology Graduate Program.
- 2007-09 Ph.D. Committee, Julia R. DiBello, “Dietary Patterns and Cardiovascular Disease in Three Populations: US Adolescents, Samoan Islanders and Costa Ricans”. Epidemiology Program, Dept of Community Health.
- 2003-06 Chair of Ph.D. Committee, Amara Ezeamama, “Polyparasite Helminth Infections, Anemia and Cognitive Impairment in School-Age Children”, Epidemiology Doctoral Program, Dept. of Community Health.
- 2003-05 Ph.D. Committee, Christian Nixon, “A Population-Based Approach to Malaria Vaccine Candidate Identification”. Pathobiology Graduate Program.
- 2003-05 Ph.D. Committee, Adina Batnitzky, “Obesity in Women in Morocco”, Department of Sociology.
- 2001-05 Ph.D. Committee, Catherine Stiff Andrzejewski, “Health Knowledge and Child Health in Coastal Ghana”, Department of Sociology.

- 2000-02 Ph.D. Committee, Kubaje Adazu, “Migration and child mortality in a rural Ghanaian setting”, Department of Sociology.
- 1995-97 Ph.D. Committee, Gemiliano Aligui, “Quantifying human *Schistosoma japonicum* infection and exposure: errors in field diagnosis and uncertainties in exposure measurements”, Dept. of Community Health.
- 1993-96 Ph.D. Committee, Jonathan Kurtis, “Candidate vaccine antigen against *Schistosomiasis japonica* is homologous to a family of actin-binding proteins”, Pathobiology Graduate Program.
- 1989-89 Ph.D. Committee, Donald Pate, “Postmortem chemical changes in buried bone: an investigation of environmental formation processes at the Roonka archaeological site, South Australia, Dept. of Anthropology.

PhD Student Dissertation Committees –Other Universities, Total of 6

- 2016-19 PhD Committee, Kendall Arslanian, “Early Life in Samoa: Nutritional and Genetic Predictors of Infant Body Composition and an Analysis of Maternal Attitudes toward Breastfeeding.” Dept. of Anthropology, Yale University.
- 2007-09 Ph.D. Committee, Mushfiq Tarafder, “Co-infection of Geohelminths and Schistosomiasis in Samar, The Philippines”. University of Oklahoma Health Sciences, Department of Epidemiology and Biostatistics.
- 2000-04 Ph.D. Committee, Heather Lindstrom, “Aging and health in elderly Samoans” Case Western Reserve University, Dept of Anthropology.
- 2000-2 Ph.D. Committee, Diana Sherry, “Reproductive seasonality in chimpanzees and humans: ultimate and proximate factors, Harvard University, Dept. of Anthropology.
- 1999-03 Ph.D. Committee, Audrey Choh, “The Genetics of obesity and obesity related factors among Samoans”, SUNY Albany, Dept. of Anthropology.
- 1987-89 Ph.D. Committee, Daniel Galanis, “Serum lipids in modernizing Samoans”, Cornell University, Div. of Nutritional Sciences.

MPH, ScM, MS and MA Student Thesis Director & Reader - Brown University (N=37)

- 2023-24 Director, MPH thesis (Epidemiology), Stephanie Munthe DDS, ‘Moderated – Mediation Analysis of CREBRF Gene and Type 2 Diabetes among the Samoan Population: The Role of Adiposity and Alcohol Consumption’
- 2019-21 Director, ScM Thesis (Epidemiology), Kathleen Kuesters, ‘Determination of Fasting HDL and LDL Correlates in Samoan Men and Women in 2017-19’.
- 2021 Reader, ScM Thesis (Global Public Health), Michelle Abuna, ‘The Association Between HIV Status Acceptance and Antiretroviral Adherence Among Recently Diagnosed Individuals in Coastal Kenya’.
- 2018-19 Director, MPH Thesis, Majesta M. Kitts. ‘Stigma as a determinant of non-adherence to antiretroviral therapy in HIV/AIDS patients around the world: A narrative literature review’, and ‘Spatial analysis of malaria outbreaks and geographic land coverage by various water features across the Indian sub-continent’.
- 2018-19 Director, MPH Thesis, Chin Chin Ch’ng. ‘Survival of Elderly and Non-elderly End-stage Renal Failure Patients with and without Dialysis’ and ‘Prevalence of

- Proteinuria in the Malaysian Indigenous and Ethnic Minorities and Its Risk Factors’.
- 2018-19 Director, ScM Thesis (Epidemiology), Grace O’Brien. ‘AMH Levels and Correlates in Samoan Women’.
- 2017-18 Director, MPH Thesis, Anita Yun. ‘Interactions of CREBRF variant by diet and physical activity on adiposity in adult Samoans’.
- 2017-18 Second Reader, MPH Thesis. Kaitlin Goodman. ‘From Community Health Workers to Community Health Coaches: A Physical Activity Intervention to Address Obesity-Related Chronic Disease Amongst Women in South African Townships’.
- 2018 Second Reader, MPH Thesis, Kelsey Kanik, ‘Barriers to Implementing Screening and Intervention Measures in Primary Care Settings’ & ‘Implementing Hepatitis C Testing Protocols in Primary Care Settings for Adults Born Between 1945 and 1965’.
- 2016-17 Director MPH Thesis, Duha Kalthoum, ‘Understanding Obesity: Review of the Effect in Measurements Error’, and ‘Prevalence of Metabolic Health and Obesity Trends Among Adult Samoans in a Cross-Sectional Study’.
- 2016-17 Second Reader, MPH Thesis, Ewodaghe O. Harrell, ‘Patient Engagement and Advocacy Guide’ & ‘Burden of Identity: Describing experiences of students diagnosed with chronic illness or disability at Brown University’.
- 2016-17 Second Reader MPH Thesis, Bianca Falcone, ‘Review of water exposure assessment methods in schistosomiasis’, and ‘Comparison of exposure measurements within *S. japonicum* endemic villages in Leyte, The Philippines’.
- 2016-17 Second Reader MPH Thesis, Aditi Rawat, ‘A review of Barriers to Adherence to Medication in India’, and ‘Prescriptions, Perceptions and Resistance - A qualitative study to understand public perceptions of antibiotic prescriptions and how it might lead to antibiotic resistance’.
- 2016-17 Second Reader MPH Thesis, Hugo Petitjean, ‘The impact of migration on health access in South Africa’.
- 2015-16 Second Reader, MPH Thesis, Naz Karim, ‘Evaluating the Impact of a Prehospital Needs Assessment and Training Intervention on Process Indicators and Outcomes Amongst Prehospital Patients in Rwanda’ and ‘Epidemiology of Prehospital Patients with Head Injury at a Tertiary Hospital in Rwanda’.
- 2014-15 Director, MPH Thesis, Nirdesh Tuladur, ‘Geographic Visualization and Spatial Analysis of Contraception Use Variation by Region in Kenya’.
- 2014-15 Director, MPH Thesis, Mila Shakya, ‘Changes in Maternal Blood Pressure during Pregnancy and Birth Outcomes among American Samoan’.
- 2014-15 Second Reader, MPH Thesis, Meagan Durso, ‘The Association Between Parental and Caregiver Psychiatric History and Child Mental Health DSM-IV Diagnoses Among a Nationally Representative Sample of Chileans’ and ‘The Association between Parental Post Traumatic Stress Disorder and Child Mental Health DSM-IV Diagnoses among Chileans Post the 2010 Earthquake and Tsunami’.
- 2014-15 Second Reader, MPH Thesis, Kristen E. Morgan, ‘Determinants of Mental Health Services Utilization in Guatemala.’
- 2013-14 Director, MPH Thesis, Shuo Huang, ‘Cost effectiveness of a community health

- worker intervention on type 2 diabetes in American Samoa, and Social remittances and cigarette smoking in Samoa’.
- 2013-14 Director, MPH Thesis, Joshua Freeman, ‘An exploratory study on fathers’ roles in infant feeding in American Samoa, and Frequency, Timing, and Adequacy of Screening for Gestational Diabetes Mellitus in American Samoan Women’
- 2013-14 Reader, MA Thesis in Sociology, Yashas Vaidya, “ Biosocial pathways and ethnic differentials in childhood anemia: regression analysis of the NDHS 2006”.
- 2012-13 Second reader MPH Thesis, Stacy S Manolas, “Barriers to Physical Activity and Associations with Stage of Change and Physical Activity among Employees Participating in the Working on Wellness Evaluation Cohort”.
- 2010-12 Director, MPH thesis, Courtney Cunningham, “Adolescent American Samoans Attitudes about Obesity and Obesity Interventions”
- 2010-12 Director, MPH thesis, Prajula Mulmi, “Socioeconomic Factors in Undernutrition among Nepalese Mothers and Children”
- 2008-10 Director, MPH Thesis, Stefanie I. Hyde, “Body Image, Obesity and HIV in KwaZulu-Natal, South Africa”.
- 2008-09 Director, MPH Thesis, Lauren Wier, “Metabolic Syndrome in Samoan Adolescents.”
- 2006-07 Second reader MPH Thesis, Nichole McCalvin, “Migration and HIV Risk in South Africa”.
- 2004-06 Director, MPH Thesis, Meredith Bergey, “Lifestyle, stress and health in Samoans”.
- 2004-06 Director, MPH Thesis, Emily Elstad, “Living with ma’i suka: a qualitative study of American Samoan perceptions of diabetes.”
- 2005-06 Second reader MPH Thesis, Dana Cignelario, “Antecedent factors in relation to HIV/AIDS and risk taking behaviors: A study of very young adolescents in rural South Africa”.
- 2004-05 Second reader, M.S. thesis in Biostatistics, Farren Briggs. “Longitudinal Data Analysis: A Transitional Ordered Logistic Approach: Understanding the Two-year impact of Praziquantel Treatment for *Schistosoma japonicum*- induced Hepatic Fibrosis”.
- 2004-05 Second reader, MPH thesis, Sok Phan, “A Cambodian Hospital Survey of Demographic and Clinical Characteristics of HIV Patients, and the Sexual Behavior of Male Partners prior to their HIV Infection.”
- 2004-05 Second reader, MPH thesis, Nguyen Cong Vu, “The effects of migration on HIV/AIDS knowledge and practice in married women in Vietnam”.
- 2004-05 Director, MPH Thesis, Julia Finkelstein, “Global Burden of Disease due to *Schistosoma japonicum*: An analysis of disability-related outcomes in endemic schistosomiasis”.
- 2002-04 Director, MPH Thesis, Lien Quach, “Knowledge, Attitudes and Practices about HIV/AIDS in Vietnamese Physicians”.
- 1998-00 Second Reader, M.A.Thesis in Sociology, Eunike Sri Tyas Suci, “HIV/AIDS Risk in female commercial sex workers in Yogyakarta, Indonesia.”
- Master’s Degree Theses – Reader for Other Universities – total of 4
- 2015 Renu Nadkarni, MPH Thesis, Yale University, “Impact of Maternal

- Demographics on Infant Feeding Habits in American Samoa.”
- 2012 Sara Hamid, MPH Thesis, Yale University, “Impact of a Diabetes Control and Management Intervention on Healthcare Utilization in American Samoa: A Retrospective Cohort Study”.
- 2008 Kathryn Lafond, MPH Thesis, Emory University “A Coupled SIS Model of Schistosomiasis Transmission and Control in the Philippines”.
- 2008 Meaghan House, MPH Thesis, Emory University “Association of Maternal Obesity, Socioeconomic Status, and Health Beliefs with Overweight among Samoan Children and Adolescents”.

Undergraduate Thesis Director/Primary Reader, Brown University – Total of 58

58. Naomi Desalegne, 2024, Public Health, ‘Urban-rural Differences in and Sociodemographic Correlates of the Hypertension Care Cascade in Samoa in 2010’.
57. Rachel Warner, 2023, Public Health, ‘Predictors of Tobacco Smoking Cessation and Initiation among Samoan Adults’.
56. Clara Warmath, 2022, Public Health, ‘Correlates of Physical Activity in Samoan Children’.
55. Athena Feng, 2020, Public Health. ‘An Investigation of Sleep and Hypertension among Adult Migrants and Non-Migrants in South Africa’.
54. Bella Ehrlich, 2020, Public Health. ‘Palliative care integration in pediatric oncology: Alignment of physician perspectives with WHO guidelines in 11 Eurasian countries’.
53. Danielle Advani, 2018, Public Health. ‘Examining dietary fatty acids in 21st century Samoan foods and health’.
52. Trevor Anesi, 2018, Public Health. ‘The influence of sociodemographic and household characteristics on childhood anemia prevalence in Upolu, Samoa’.
51. Madison Rodman, 2018, Public Health. ‘Influences on Maternal Perceptions of Infant Body Size in Samoa’.
50. Anita Yun, 2017, Public Health, ‘The Association of Dietary Intake with CREBRF Variant rs373863828 in Samoans’.
49. Madeline Pesec, 2016, Public Health, ‘Systematic Review of Interventions to Reduce Health and Health Care Disparities in US Latino Populations’.
48. Thomas Arns, 2015, Human Biology, ‘Nutritional Status, Schistosomiasis Infection and Hepatic Morbidity in Children and Adolescents from Leyte, Philippines’.
47. Jeanette Sternberg-Lamb, 2015, Development Studies, ‘Maternal attitudes and practices towards a healthy pregnancy in American Samoa’.
46. Inga Holmdahl, 2014, Community Health, “Infant body size perceptions and feeding methods in American Samoa”.
45. Hasina Maredia, 2014, Human Biology, “Toward a Better Understanding of Obesity-Influenced Menstrual Cycle Irregularity: the Samoan Case”.
44. James Roose, 2014, Computational Biology, “Obesity, Identity by Descent Estimation and Recent Positive Natural Selection in Samoa”.
43. Briana Borgolini, 2014, Human Biology, “The impact of annual case finding and treatment for *Schistosomiasis japonica* on individual and community levels of childhood nutritional status in Leyte, Philippines”.
42. Sheena Wood, 2013, Community Health, “Mental health in American Samoa: A mixed methods analysis”.

41. Stephanie Lee, 2012, Human Biology, "Body composition and menstrual patterns in Samoan Women".
40. Danielle Crumley, 2012, Human Biology, "Alcohol and Tobacco Use among Samoan Adults in 2010".
39. Katherine R Gannett, 2011, Development Studies, "Bridging National and Cultural Differences through Sport: The Case of the Football for Hope Festival 2010".
38. Carolyn A Brown, 2011, Human Biology, "Barriers to Prenatal care in American Samoa"
37. Andrew A Seiden, 2011, Anthropology, "Food Trade Liberalization, The Nutrition Transition, and Health Outcomes in the Pacific".
36. Benjamin Rome, 2010, Community Health, "Samoan Children's Physical Activity Levels as a Risk Factor for Childhood Obesity".
35. Gabriel Heiderich, 2010, Human Biology, "Assessment of Physical Activity as Measured by Doubly-Labeled Water and Accelerometry in Samoan Children".
34. Samuel Urlacher, 2009, Human Biology. "Müllerian-Inhibiting Substance: Exploring an Important New Marker for Ovarian Function in the Samoan Islands."
33. Michelle Lam, 2009, Human Biology. "The Family: A Framework for Type 2 Diabetes Intervention in American Samoa".
32. Sarah Raifman, 2009, Development Studies. "Obesity in American Samoa: Structural Causes and Policy Solutions".
31. Edgar Woznica, 2009, Development Studies. "Income Inequality and Obesity: Understanding the Pathways".
30. Marisa Roberts, 2008, Human Biology. "The Effect of Obesity on the Menstruation of Samoan Women".
29. Helen M. Lamphere, 2008, Development Studies, " The cultural context of obesity: Adolescents' perspectives on weight, diet, and exercise in American Samoa".
28. Jeanette Saraidaridis, 2007, Human Biology, "Influences on Birth Weight in American Samoa".
27. Adam Akullian, 2007, Environmental Science, "Spatial Patterns of Schistosomiasis: A watershed approach to measuring *S. japonicum* environmental risk and human and animal disease outcomes".
26. Gavin M. Mayers, 2006, Anthropology, "An Analysis of the Relationship between Stress Biomarkers and Stature in an Adult Samoan Population."
25. Priya Batra, 2005, Community Health, "Modernization, Status Inconsistency and Serum Lipids in Adult Samoans".
24. Stephen Hendriksen, 2004, Human Biology, "The Effect of Dietary Intake on Lipidemia in Modernizing Samoans".
23. Ember Keighley, 2004, Human Biology, "'I Wanna be like Tua': Physical Activity and Health in the Samoas".
22. Kathryn Lafond, 2004, Human Biology, "The Power of Cheese: TV, Socioeconomic Factors and Childhood Obesity in Samoa".
21. Nathaniel C. Taplin, 2003, Development Studies, "'Weak People Can't Give Much Milk': Time energy and the microeconomics of breastfeeding in the developing world".
20. Charlotte Arrington, 2002, Human Biology, "Epidemiology of Reversal of Schistosomiasis-induced liver fibrosis after Praziquantel Treatment in Leyte, The Philippines".
19. Meredith Bergey, 2002, Community Health, "Urinary Catecholamines and Stress in Modernizing Samoans".

18. Ahou Meydani, 2001, Human Biology, "Childhood Obesity in Samoa".
17. Rebecca Center, 2000, Development Studies, "Poverty, Ethnicity and Pediatric Asthma in Rhode Island".
16. Asaf Bitton, 1999, Community Health, "Modernization, Psychosocial Stress, and Blood Pressure in Samoans".
15. Rebecca Chernock, 1999, Human Biology, "The Interaction of Menopause and ApoE Genotype on Lipid and Lipoprotein Levels in Samoan Women".
14. Edward Peter Freer, 1998, Development Studies, HIV Knowledge, Attitudes and Practices among American Samoan Youth.
13. Elizabeth P. Renza, 1996, Human Biology, 'Undernutrition and increased risk of re-infection with schistosomiasis'.
12. Kirsten Becker, 1996, Health and Society, 'Ambulatory Blood Pressure in Modernizing Samoans'.
11. Heather Terbell, 1995, Human Biology, "Anger Expression and Blood Pressure in Modernizing Samoans"
10. Vandana Reddy, 1995, Community Health, "Body Image in American Samoan Women"
9. Jeremy Hess, 1995, Community Health, "Documentation and Evaluation of the Pilot Outreach Series of FIGHT HIV, a Filipino Adolescent AIDS Prevention Program"
8. Aimee Afable, 1995, International Relations, "The Sexual Act Between the Child and the Client: The Collision of Poverty and Politics, A multi-disciplinary approach to understand the plight of child prostitutes in the Philippines"
7. Matthew S. Steele, 1994, Anthropology, "Anger Expression in Modernizing Samoans"
6. Felice Banson, 1994, Applied Mathematics and Biology, "The Effects of Pregnancy Outcomes and Infant Survival of Praziquantel Treatment During Pregnancy in Leyte, Philippines".
5. Emily Lloyd, 1994, Development Studies, "Traditional and Western Health Care Systems in Ecuador".
4. Elize Gershtater, 1993, Human Biology, "Fourteen Year Changes in Adiposity and Blood Pressure in Samoans"
3. Peter Chin-Hong, 1992, Health and Society, "Lifestyle Incongruity and Blood Pressure in a Modernizing Samoan Population"
2. Elizabeth Eller, 1991, Human Biology, "Socioeconomic Factors, Water Exposure and Growth in a Poor Rural Philippine Population Endemic for Schistosomiasis"
1. John Cuzzo, 1988, Biophysics "Fat Patterning and Blood Pressure in Samoans"

Second Reader of Senior Thesis - Brown University Undergraduates – Total of 26

26. Erin BP Miller, 2019, Public Health. Emerging Strategies with the Double Burden of Malnutrition amongst Nutrition Assistance Programs in Urban Centers of Developing Countries.
25. Hanna Shepherd, 2019, Public Health, 'The Burden of Malnutrition and Food Insecurity Among US Resettled Refugees: A Critical Review of the Literature and Case Study'.
24. Madeline Pesec, 2016, Latin American & Caribbean Studies, 'The Compelling Case of Costa Rica'.
23. Emma Lamothe, 2014, Community Health, 'Infant feeding practices and maternal beliefs among low-income women'.
22. Hannah Cockrell, 2013, Development Studies, "Community-based Integrated Management of Childhood Illness: Reducing under-five morbidity and mortality in Rwanda".
21. Christina Santana, 2011, Community Health, "The Dynamics of the Doctor/Patient Relationship for Type 2 Diabetes Intervention in American Samoa"

20. Elizabeth Adler, 2011, Development Studies, “Practicing Good Medicine: A community-based diagnosis and prognosis for promoting obstetric care access & use in rural Nepal”.
19. Melanie Zuch, 2010, Development Studies, “ ‘A Virus and Nothing Else:’ The effect of antiretrovirals on HIV-related stigma.”.
18. Rashid Hussain, 2010, Anthropology, “Partition to Polio: How the Marginalization of India’s Muslims Impedes a Global Eradication Effort”.
17. Erica Moen, 2008, Environmental Studies, “Vehicle Emissions and Health Impacts in Abuja, Nigeria”.
16. Bharati Kalasapudi, 2007, Community Health, “Measles Control: Vaccine Policy in India”.
15. Nadia Diamond-Smith, 2006, Human Biology, “Fertility Decision Making in Rural Tamil Nadu, India: The impact of family planning, gender preference and dowry”.
14. Niketa Williams, 2005, Human Biology, “HIV in South Africa”.
13. Paola Gilsaz, 2005, Community Health, “A Detailed Look at Infant Mortality Rates in Brazil”.
12. Sangeeta Tripathi, 2004, Development Studies, “Refugees and Rights”.
11. David Shield, 2003, Latin American Studies. ““Prognosis Guarded: Argentina’s Health Care System and the Current Economic Crisis”.
10. Kristina Treanor, 2002, Biology, “Identification of a *Plasmodium falciparum* vaccine candidate”.
9. Brenda Anosike, 2002, Biology, “Purification of a 22.6-kDa *Schistosoma japonicum* Protein expressed in *E. coli*; a potential vaccine candidate”.
8. Julie Solomon, 2001, Biology, “Twelve degrees of separation: Producing Sj67 as a potential vaccine candidate for *Schistosomiasis japonica*.”
7. Carla Chibwasha, 2000, Community Health, “Prenatal HIV Testing Acceptability in Zambia”.
6. Heather Marlowe, 1999, Health and Society. “Chagas Disease in Bolivia: Implementation of a national program in Tarija, Bolivia”.
5. Vanessa Wolfman, 1998, International Relations, “Transforming Social Development: The Political Economy of Health in Zimbabwe”.
4. Clare Barrington, 1998, Health and Society. “Local Perceptions of Oral Rehydration Therapy Efficacy in Two Villages in the Dominican Republic”.
3. Katharine Kulkarni, 1997, Anthropology, “HIV/AIDS in Female Commercial Sex Workers in India”.
2. Max A Shapiro, 1997, Biology, “Hepatic Lipase Activity on Samoan HDL”.
1. Tilly Gurman, 1995, Development Studies, “Smoking Policy and Health in Latin America”.

Research by Brown University Medical Students

Scott Allen 1990; Katherine Mason 1992; Peter V. Chin-Hong 1992-4; Jonathan Kurtis 1995-96; Jennifer Friedman 1995-96; Linda Shiue 1996; Sara Newman 1998; Pooja Sarin 1998; Vandana Reddy 1999; Joshua Schiffman 2000; Sarah Maier 2003; Adam Shur 2017, Alexander Gould 2018.

Undergraduate Teaching and Research Awards (Primary Supervisor in Summer)

Heather Terbell - 1994 in American Samoa; Kirsten Becker - 1995 in Western Samoa; Jonathan Newman - 1996 in American Samoa and Western Samoa; Edward P Freer - 1997 in American Samoa; Asaf Bitton - 1998 in American Samoa;

Meredith Bergey – 2000 in American Samoa, Justa Piasecka – 2001, at Brown University;  
Meredith Bergey – 2001 at Brown University; Charlotte Arrington - 2001 at Brown University  
Catherine Oswald, Ember Keighley, Kathryn Lafond, James Cowan – Team UTRA 2002 in  
American Samoa.

Ember Keighley, Niketa Williams, Stephen Hendriksen – Team UTRA 2003 in Samoa.

Jillian Baron – 2005 in American Samoa.

Pamela Pellizari- 2007, Course Improvement for “Burden of Disease in Developing Countries”

Michelle Lam, Sarah Raifman, Samuel Urlacher – Team UTRA 2008 in American Samoa

Benjamin Rome, Gabriel Heiderich, Susanna Evarts, Kirstin Krussel - 2009 in American Samoa  
(Framework in Global Health Scholarship)

Carolyn Brown – 2010 in American Samoa

Clayton Aldern, Nicholas Petersdorf, Team UTRA 2011 in Samoa.

Nicholas Petersdorf, UTRA 2012 in Samoa,

Emily Liu, UTRA 2012 in Providence.

Inga Holhdahl and Ashton Strait, Team UTRA in American Samoa 2013

James Roose, UTRA in Providence 2013

Jeanette Sternberg-Lamb, UTRA in American Samoa 2014.

Anita Yun, UTRA at Brown 2016.

Mackenzie Walter, UTRA at Brown Summer & Fall 2018.

Leadership Alliance – Brown University Summer Early Identification Program Mentorship of  
Underrepresented Minority College Students

Livia Santiago-Rosado 1995; Stefanie Sykes-Allen 2007; Andre’ Whittington 2008;

Yesenia Roman-Lopez, 2011; Jose Rosales-Chavez, 2011.

Brown University Minority Health International Research Training Program trainees:  
In Samoa - Trevor Anesi, 2017, Hemant Kadiamada 2018, Alexa Rojas-Carroll, 2018  
Program in Liberal Medical Education Summer Research Assistantship (Supervisor)

Christine Lee - 1994, Patricia Myung - 1996, Deepica Ganta - 1998

Foreign Studies Fellowship for Premedical, Medical and MPH Students (Primary Mentor)

Enoch Choi - China 1991; Katherine Mason- Philippines 1992; Peter Chin-Hong - American  
Samoa 1992; Linda Shiue - China 1993; Vandana Reddy - American Samoa 1994; Jonathan  
Kurtis - Brazil 1995; Jennifer Friedman - Brazil 1995; Rajan Agarwal - India 1997; Justyna  
Piasecka – American Samoa 2000, Sarah Maier – Samoa, 2003; Emily Elstad – American  
Samoa 2005.

Supervised High School Research Science Volunteers

Miriam Hospital 1992-96, 5 times.

Villanova University - Howard Hughes Medical Institute

Summer Research Institute in Biology, Computing & Mathematics - Research  
mentoring for seven students and four teachers from three American Samoa high  
schools. Topics: international health & cardiovascular disease epidemiology.

Villanova, Pennsylvania, July 17-18, 2002.

Bates College – Outside Examiner on Undergraduate Honor Thesis

Erin Bednarek, Interdisciplinary Studies, 2005, “Diabetes in Samoa”.

## **Course Teaching at Brown University**

### Course Instructor/Leader:

- 2018-20 PHP 2710, Interdisciplinary Perspectives on Death & Disability  
2013-18 PHP 1500, Global Health Nutrition. Spring semester.  
2011-15 PHP 2508 Small Group for Biostatistics & Data Analysis Course. Fall 2011, Spring 2012, Fall 2012, Spring 2013. Three MPH students each semester.  
2011-pres PHP 2070, MPH Core Seminar, two semesters each year.  
2010-12 Public Health, PHP2220-G, Seminar Methodological & Practical Issues in Global Health Research  
2006-09 Anthropology 31/ANTH 0310 – Human Evolution. Introduction to Biological Anthropology.  
2003-04 Community Health BC183/184 Group Research Project: Samoa Family Study of Obesity. Two semester mentoring of 8 undergraduates as a group in independent research related to long-term Samoan research project.  
1994-2020 PHP1070 (formerly BC107 & UC107): The Burden of Disease in Developing Countries. Every fall semester. Approx 40-80 students each semester.  
1987-pres Biology 195/196; Community Health/Public Health 1950/1960; Independent Study for Concentrators, 96 student-semesters.  
1986-89 Anthropology 31 - Introduction to Biological Anthropology

### Guest Lecture in Courses:

- 2021-23 PHP 1070 – 1 lecture each year on The Health Transition to NCDs  
2016 & 2018, 2019 – PHP 2370 Ethics and Global Health (C Kuo). Ethics of Genetic Studies.  
2018-20 BIO 1070, Biotechnology and Health (J Schell). Sharing Genetic results for all.  
2018, SOC 2080. Principles of Population Seminar (S Short). Burden of Disease research.  
2016-18 SOC 2230. Demographic Methods (M White). Burden of Disease research.  
1999-2018 BC 32/PHP 0320 - Introduction to Public Health (various faculty). One lecture on international health.  
2017, 2019 ANTH 0680 - Anthropology of Food (J Leinaweaver/A Scherer). One lecture on the nutrition transition in the Pacific.  
2016 BIOL 0190F - Darwinian Medicine. M Tatar. One lecture on evolutionary influences on human fatness.  
2014 & 2018 ANTH1310, International Health: Anthropological Perspectives (Various faculty).  
2014-6 PHP 2090, Scientific Writing in Public Health, M Lurie. NIH Review Process and Implications for Career Development Applications.  
2013 PHP 2080, Ethical and Legal Issues in Public Health, E Tobin-Tyler. Ethical Issues in Global Public Health.  
2013 PHP 1999, Public Health Nutrition, K Gans. Global Undernutrition and Overnutrition. Sept 2013.  
2013, 2018 ANTH 1310, International Health: Anthropological Perspectives, DJ Smith. Health & Nutrition Transitions. April 2013.  
2011 ANTH 0300, Culture & Health, RK Rosen. Race, biology and disease. Oct 2011.  
2011 BIOL 1940Z - Ecology and transmission of schistosomiasis. K Smith.  
Conservation Medicine: Focus on Emerging Disease and Environmental Change. April 2011.

2010-3 PHP1920, Social Determinants of Health. E Loucks, Instructor . Stress and Health in Modernizing Samoans. February 2010.

2009 PHP2130, Human Biology for Public Health Graduate Students. E Loucks, Instructor, Immunology and Immuno-epidemiologic Research. Oct 2009.

2010-5 Global Cardiometabolic Disease Transitions. T32 lecture series. Brown Univ. Center for Research on Weight Control & Diabetes.

2008 Group Independent Study Project (GISP) on Traditional Health Systems. One class on intergration of traditional and biomedical health on non-communicable diseases.

2007 Group Independent Study Project (GISP) on Translation in Health and Medicine. One class on public health translational research.

2007-18 SOC 2230 - Techniques of Demographic Analyses. M White. One lecture on disability adjusted life years and global burden of disease. In 2018, led discussion on social perspectives on genomic studies.

2005 SO228 - Interdisciplinary Perspectives on Population Research (D Hogan) Lead discussion on biodemography.

2006 AN103- International Health: Anthropological Perspectives (D Smith). Lecture on nutrition transition, non-communicable diseases and applied health research in the Samoan archipelago. public

2005-6 AN173 - Biological Issues in Human Origins and Variability (RA Gould). One lecture on modernization and human biology and disease.

2001-6 BC 168/BC110 – International Health Care Systems (A Tinajero). One lecture/discussion on patterns of global burden of disease.

2001-4 BC 34 – Health & Human Reproduction (I Gareen). One lecture on international nutrition and women’s health.

2000 AN171 - Biocultural Anthropology (M Blakey). One lecture on international health and biological anthropology.

1999 Group Independent Study Project (GISP) on Physical Anthropology. One class on contemporary human biological variation.

1999 & 2005 BI 194.3 - Evolutionary Medicine (M Tatar & D Levey). One class on gene-environment research in human biology and health.

1999 BC 160 - Vaccine Development (P Knopf & A DeGroot). One lecture on Why we need a schistosomiasis vaccine.

1999 AN 45 – Culture and Health (M Guttman). One lecture on stress and health in modernizing societies.

1998- 2002 BI 54 - Biology of Emerging Microbial Organisms (A Campbell). Schistosomiasis lecture: transmission, morbidity and disease control.

1997-98 BC168- Nutrition Problems in Developing Countries (K Chung). One lecture on nutrition transition and health.

1995-98 AN 206- Anthropological Demography (D Kertzer), One lecture each year on biological anthropology perspectives in demography

1992-95 Biology 254 Advanced Immunology (P. Knopf & A. DeGroot) selected topics on epidemiology and vaccines.

1989 Brown University Evolution Institute for High School Science Teachers (once)

1988-93 UC107 - Burden of Disease in Developing Countries. Selected topics on socioeconomic factors and modernization. (G.R. Olds and R. Northrup - course leaders).

Watson Institute for International Studies, Brown University

Luce International Environmental Scholars Program 2002 – 2004, One lecture each year on environmental health with focus on Schistosomiasis.

Brown University: Points on the Compass: Choosing Academic Directions at Brown

Seminars for Incoming Freshman:

August 1996 - Hunger; August 1997 - Hunger and International Health

Brown University Summer Program

2007-2011 Global Health lecture in High School Leadership and Public Health Course

Brown University: Parents Weekend, October 21, 2000

The Health Transition in the Developing World

Teaching at Other Universities

Introduction to General Anthropology, The Pennsylvania State University (once)

Introduction to Physical Anthropology, The Pennsylvania State University & Rutgers University, Camden (seven times)

Graduate Core Seminar in Biological Anthropology, University of Hawaii (once)

Selected topics in Preventive Medicine for 2nd-Year Medical Students, Medical College of Pennsylvania (once)

**INTERNATIONAL FIELDWORK EXPERIENCE**

1972 Longitudinal research on biocultural correlates and predictors of child growth and mortality among high altitude Quechua in Peru. (Three months)

1975 Cross-sectional study of migration among Samoans in Hawaii. (Four months)

1976 Cross-sectional study in Samoan adults of modernization and risks for cardiovascular disease, including genetic and environmental interactions. (7 months).

1981-82 Biobehavioral study of stress in young Samoans. Field Director. (3 months)

1981-85 Longitudinal study of adult Samoan blood pressure. Five year follow-up of biological and psychosocial factors. (4 months).

1983 Health and use of hospital services by Southeast Asian migrants in Connecticut.

1989-93 Child growth and work performance in schistosomiasis endemic areas of Leyte, Philippines. (4 months total)

1989-92 Child growth and work performance in schistosomiasis endemic areas of Jiangxi, China. (2 months)

1990-present Prospective study of genetic and environmental determinants of cardiovascular risk factors, and childhood adiposity in Samoans. (24 months total)

- 1993-4 Cognition and Schistosomiasis in Sichuan, China. (1 month)
- 2000-6 Ecology & Transmission of *S japonicum* in The Philippines (2 months)
- 2000-5 Puberty, Immunity & Manutrition in *S japonicum* (1 month)
- 2005-6 Population, Environment and Health in Cape Coast Ghana (2 weeks).