

Curriculum Vitae

THOMAS W. McDADE

Northwestern University
Department of Anthropology
1810 Hinman Street
Evanston, IL 60208-1310

Tel: (847) 467-4304
Fax: (847) 467-1778
Email: t-mcdade@northwestern.edu
<http://www.northwestern.edu/ipr/people/mcdade.html>

EMPLOYMENT

- 2011-present Professor, Department of Anthropology
- 2006-2011 Associate Professor, Department of Anthropology
- 2000-2006 Assistant Professor, Department of Anthropology
- 1999-2000 NICHD-sponsored NRSA postdoctoral fellow, Carolina Population Center and Dept. of Pediatrics, University of North Carolina, Chapel Hill (#2 T32 HD07168-21)

OTHER APPOINTMENTS

- 2017-2020 Director of Graduate Studies, Department of Anthropology
- 2015-present Carlos Montezuma Professor
- 2012-present Professor, Department of Medical Social Sciences, Feinberg School of Medicine (secondary appointment)
- 2012-present Director, Cells to Society (C2S): The Center on Social Disparities and Health
- 2011-2015 Martin J. and Patricia Koldyke Outstanding Teaching Professor
- 2009-present Director, Graduate Training Cluster in "Society, Biology, and Health"
- 2007-present Professor, Human Development and Social Policy (courtesy)
- 2007-2010 Weinberg College Board of Visitors Research and Teaching Professor
- 2006-2011 Associate Director, Cells to Society (C2S): The Center on Social Disparities and Health
- 2004-present Faculty Fellow, Institute for Policy Research
- 2003-present Adjunct Curator, The Field Museum, Chicago, IL
- 2000-present Director, Laboratory for Human Biology Research
- 2000-present Fellow, Center for Reproductive Science

EDUCATION

- 1993-1999 Emory University (Atlanta, GA)
Ph.D., Department of Anthropology
- 1987-1991 Pomona College (Claremont, CA)
B.A. in biosocial anthropology, *summa cum laude*
Phi Beta Kappa

MAJOR PROFESSIONAL INTERESTS

Biosocial perspectives on health and human development; human ecological immunology; population health; human biology; health inequities; inflammation; stress; field and laboratory methods; life history theory; medical anthropology; global health

AWARDS, FELLOWSHIPS, AND HONORS

- 2021 Elected member, National Academy of Sciences
- 2021 Elected member, American Academy of Arts and Sciences
- 2016-present Fellow, American Association for the Advancement of Science (Section H)
- 2013-present Fellow, Canadian Institute for Advanced Research, Program in Child and Brain Development
- 2015-2017 Appointed member, Advisory Committee of the Social, Behavioral, and Economic Sciences Directorate, National Science Foundation
- 2014-15 Hewlett Curricular Fellowship, Weinberg College of Arts and Sciences, Northwestern University
- 2014 William J. Rashkind Memorial Lecturer, Council on Cardiovascular Disease in the Young, American Heart Association
- 2010 Weinberg College of Arts and Sciences Award for Distinguished Teaching
- 2010-present Appointed Member, Panel on Bio-indicators and Genetics of Demographic Behavior, International Union for the Scientific Study of Population
- 2009-13 Appointed Member, Experience-Based Brain and Biological Development Program, Canadian Institute for Advanced Research
- 2008-present Appointed Fellow, Public Affairs Residential College
- 2007-present Faculty Fellowship, Institute for Policy Research, Northwestern University (1/2 time appointment)
- 2006 Faculty Honor Roll for Demonstrating Teaching Excellence, Associated Student Government, Northwestern University
- 2004 Presidential Early Career Award for Scientists and Engineers (PECASE), White House Office of Science and Technology
- 2004-07 Faculty Fellowship, Institute for Policy Research, Northwestern University (1/4 time appointment)
- 2003 Faculty Honor Roll for Demonstrating Teaching Excellence, Associated Student Government, Northwestern University
- 2002 Faculty Honor Roll for Demonstrating Teaching Excellence, Associated Student Government, Northwestern University
- 1999 Fellow, Carolina Workshop: Molecular Biology Techniques. UNC Chapel Hill, October 24-November 6.

PRE-DOCTORAL AWARDS AND HONORS

- 1999 E.E. Hunt Award for Best Student Presentation, Human Biology Association
- 1998 Fellow, NIH-sponsored research training workshop on “Culture, Health, and Human Development.” Mystic, CT, May 12-20.
- 1993-96 Jacob K. Javits Fellowship for Graduate Study
- 1995 Emory University Department of Anthropology Graduate Research Award for: “Prostates and profits: The social construction of benign prostatic hyperplasia in American men”

RESEARCH SUPPORT***PRESENT***

PI: **T.W. McDade**

Title: Early origins of health disparities: Chronic inflammation

Funding: National Institute of Child Health and Human Development (1R21HD101757; \$237,000)

Project period: 5/15/20-4/30/22

PI: **T.W. McDade**

Title: RAPID: Generating knowledge with next phase serological testing for SARS-CoV-2

Funding: National Science Foundation (BCS-2035114; \$199,217)

Project period: 6/1/20-5/31/21

PI: B. Mustanski; Co-I: **T.W. McDade**

Title: Multilevel influences on HIV and substance use in a YMSM cohort

Funding: National Institute on Drug Abuse (5U01DA036939; \$2,153,152)

Project period: 3/1/20-1/31/25

PI: G. Miller; Co-I: **T.W. McDade**

Title: Neuroscience, immunology, social adversity, and the roots of addictive behaviors: Toward a new framework for drug use etiology and prevention

Funding: National Institute on Drug Abuse (1P50DA051361; \$713,351)

Project period: 9/1/20-7/31/25

PI: C. Kuzawa; Co-I: **T.W. McDade**

Title: Lifecourse determinants and outcomes of epigenetic age acceleration across two generations

Funding: National Institute on Aging (5R01AG061006; \$495,020)

Project period: 9/30/19-4/30/24

PI: **T.W. McDade** (subcontract to NU); Project PI: K. Malecki (University of Wisconsin Madison)

Title: Research on epigenetics, weathering, aging, and residential disadvantage (REWARD)

Funding: National Institute on Aging (1R01AG061080; \$20,856)

Project period: 2/01/19-5/31/24

PI: **T.W. McDade** (subcontract to NU); Project PI: J. Pachankis (Yale University)

Title: Biopsychosocial mechanisms internalizing psychopathology of sexual minority young adults

Funding: National Institute of Mental Health (1R01MH118245; \$415,740)

Project period: 3/1/19-12/31/23

PI: **T.W. McDade** (subcontract to NU); Project PI: A. Aiello (UNC Chapel Hill)

Title: Life course predictors of Alzheimer's disease: Sex difference and biosocial mechanisms
 Funding: National Institute on Aging (5RC1AG057800; \$697,227)
 Project period: 2/01/19-5/31/21

PI: **T.W. McDade** (subcontract to NU); Project PI: A. Pearson (Michigan State University)
 Title: Impact of ecological park restoration on health in low income neighborhoods: A natural experiment
 Funding: National Cancer Institute (R01CA239187; \$55,094)
 Project period: 8/1/19-7/31/24

PI: I.E. Burnett-Zeigler; Co-I: **T.W. McDade**
 Title: Effectiveness and implementation of a mindfulness intervention for depressive symptoms among low-income, racial/ethnic minority adults in a federally qualified health center
 Funding: National Institute on Minority Health and Health Disparities (R01 MD012236; \$511,311)
 Project period: 7/13/18-3/31/23

PI: **T.W. McDade** (subcontract to NU); Project PI: H. Schreier (Penn State)
 Title: Early psychosocial intervention and child and parent cardiovascular disease risk
 Funding: National Heart, Lung, and Blood Institute (R01 HL137809; \$511,311)
 Project period: 3/5/18-12/31/22

PAST

PI: **T.W. McDade** (subcontract to NU); Project PI: T. Hargrove (UNC Chapel Hill)
 Title: More money, more problems? Understanding the hidden costs of social mobility
 Funding: National Institute of Child Health and Human Development (1R21HD095448-01; \$278,080)
 Project period: 9/13/18-8/31/21

PI: **T.W. McDade** (subcontract to NU); Project PI: S. Newman (Johns Hopkins)
 Title: How housing vouchers affect biology and health
 Funding: National Institute of Child Health and Human Development
 Project period: 6/1/16-5/31/21

PI: G. Miller; Co-PIs: **T.W. McDade**, E.K. Adam.
 Title: 2019 Summer Institute: Biological Approaches in the Social Sciences
 Funding: Russel Sage Foundation (96-18-07; \$93,350)
 Project period: 6/1/18-9/30/19

PI: **T.W. McDade (subcontract to NU)**; Project PI: I. Su (UCSD)
 Title: The reproductive window in young adult cancer survivors
 Agency: National Institute of Child Health and Human Development (R01HD080952; \$378,274)
 Project period: 9/16/14-5/31/19

PI: **T.W. McDade**; Co-I: C. Kuzawa, G. Miller, M. Kobor
 Title: Early environments, epigenetics, and inflammation during pregnancy
 Funding: National Science Foundation (BCS-1440564; \$284,153)
 Project period: 9/1/14-8/31/18

PI: **T.W. McDade** (subcontract to NU); Project PI: E. Sweet (UMass Boston)
 Title: The price of debt: The unequal burden of financial debt and its impact on health
 Funding: National Institute of Health (\$443,954 subcontract)
 Project period: 11/1/13-3/31/18

PI: **T.W. McDade** (subcontract to NU); Co-I: C. Kuzawa; Project PI: L. Adair (UNC)
 Title: Multidimensional pathways to healthy aging among Filipino women
 Funding: National Institute on Aging (\$958,052 subcontract)
 Project period: 7/1/11-6/30/18

PI: **T.W. McDade**; Co-I: C. Kuzawa, G. Miller, S. Cole
 Title: Pathways linking social disparities, inflammation, and health across generations
 Funding: National Institute of Child Health and Human Development (1R01HD074765; \$315,558)
 Project period: 11/1/13-10/31/16

PI: D. Victorson; Co-PI: **T.W. McDade**
 Title: Integrating stress biomarkers into an ongoing randomized clinical trial of mindfulness meditation in young adults with cancer using novel collection approaches
 Funding: Cancer Support Team Award, Lurie Cancer Center (\$49,913)
 Project period: 7/1/11-6/30/16

PI: C. Kuzawa; Co-I: **T.W. McDade**
 Title: Longitudinal study of human male reproductive ecology: Biological and behavioral responses to changing social roles and impacts on offspring and relationship quality
 Funding: National Science Foundation (BCS-1317133; \$299,943)
 Project period: 8/1/13-7/31/15

PI: D. Figlio; Co-I: **T.W. McDade**
 Title: Collaborative research: Leveraging matched administrative datasets to improve educational practice and long run life outcomes: Toward building a national interdisciplinary network
 Funding: National Science Foundation
 Project period: 9/15/12-8/31/15

PI: C. Kuzawa (subcontract to NU); Co-PI: **T.W. McDade**; Project PI: L. Adair (UNC Chapel Hill)
 Title: Modeling the developmental origins of adult disease risk factors
 Funding: National Institute of Child Health and Human Development (101 HD054501; \$897,888 subcontract from UNC)
 Project period: 9/18/08-6/30/14

PI: **T.W. McDade**; Co-PI: E. Adam; Co-I: L. Chase-Lansdale, G. Duncan, T. Cook
 Title: Social influences on early adult stress biomarkers
 Funding: National Institute of Child Health and Human Development (1 R01 HD053731-01A1; \$1,829,368)
 Project period: 2/1/07-1/31/13

PI: **T.W. McDade**
 Title: Dried blood spot methods for evaluating the regulation of inflammation
 Funding: USC/UCLA Center of Biodemography and Population Health (NIA; \$45,105)
 Project period: 8/1/11-3/31/13

PI: **T.W. McDade**; Co-PI: B. Funk
 Title: Analysis of environmental chemicals in dried blood spots
 Funding: National Institute of Child Health and Human Development (\$266,229)
 Project period: 9/1/10-10/31/13

PI: **T.W. McDade** (subcontract to NU); project PI: L. Berkman (Harvard U)
 Title: Evaluating the health benefits of workplace policies and practices

Funding: National Institute of Aging (5U01AG027669-07; \$179,990)
Project period: 5/12/12-8/31/12

PI: **T.W. McDade**; Co-I: T. Woodruff, C. Gracia (U Penn)
Title: Development of blood spot assays for studies of reproductive status of cancer survivors
Funding: National Institute of Child Health and Human Development (\$39,000)
Project period: 7/1/10-6/30/11

PI: **T.W. McDade**
Title: The effects of housing vouchers on long-term health outcomes
Funding: John D. and Catherine T. MacArthur Foundation (08-92835-000-HCD; \$253,228)
Project period: 12/1/08-11/30/10

PI: G. Duncan; Co-I: **T.W. McDade**, E. Adam
Title: The long-term effects of neighborhoods on low-income youth neighborhood poverty, health and economic security over the adult lifespan
Funding: MacArthur Foundation (\$384,960)
Project period: 1/1/07-12/31/12

PI: E. Adam (subcontract to NU); Co-I: G. Duncan, C. Kuzawa, **T.W. McDade**, B. Spencer; Project PI: M. Shalowitz (Evanston Northwestern Healthcare)
Title: Community Child Health Network
Funding: National Institute of Child Health and Human Development (\$231,268 subcontract from Evanston Northwestern Healthcare)
Project period: 9/1/06-8/31/11

PI: L. Chase-Lansdale; Co-I: E. Adam, T. Cook, G. Duncan, P. Greenland, C. Kuzawa, J. Manza, **T.W. McDade**, E. Redei, J. Richeson, D. Roberts, M. Shalowitz, L. Teplin, S. Waxman, W. Witt, T. Woodruff
Title: Cells to Society (C2S): The Center on Social Disparities and Health
Funding: National Institute of Child Health and Human Development (5 R21 HD 053946; \$962,465)
Project period: 7/1/06-6/30/11

PI: **T.W. McDade**; Co-I: T. Woodruff, C. Gracia (U Penn)
Title: Pilot project in oncofertility: Development of blood spot assays for long-term longitudinal studies of reproductive status of cancer survivors
Funding: National Institute of Child Health and Human Development (\$37,750)
Project period: 7/1/08-6/30/09

PI: L. Lowe (Feinberg School of Medicine); Co-PIs: **T.W. McDade**, W. Lowe (FSM)
Title: Adipocytokines, inflammatory mediators, and maternal metabolism during pregnancy
Funding: Dixon Translational Research Innovation Grant Award, Northwestern Memorial Foundation (\$50,000)
Project period: 1/1/08-12/31/09

PI: W. Leonard; Co-PIs: **T.W. McDade**, R. Godoy (Brandeis U)
Title: Inequality, social capital and health in Bolivia
Funding: National Institute of Child Health and Human Development (5 R21 HD050776 \$267,883)
Project period: 9/1/06-8/31/08

PI: **T.W. McDade**; Co-PI: C. Nyberg

Title: Market integration, stress, and child health among the Tsimane' of the Bolivian Amazon
(Dissertation improvement grant for C. Nyberg)

Funding: National Science Foundation (BCS-0622576; \$12,000)

Project period: 9/1/06-8/31/07

PI: C. Kuzawa (subcontract to NU); Co-PI: **T.W. McDade**; Project PI: L. Adair (UNC Chapel Hill)

Title: Obesity development and CVD risk factor clustering in Filipino women and offspring

Funding: National Heart, Lung, and Blood Institute (\$980,000 subcontract from UNC)

Project period: 7/1/06-6/30/10

PI: **T.W. McDade**

Title: Beckman Coulter Educational Matching Funds Program (in support of the purchase a
Biomek NX laboratory automation workstation)

Funding: Beckman Coulter, Inc. (\$70,920)

Project period: Equipment purchased November 2006

PI: **T.W. McDade** (subcontract to NU); Project PI: R. Wright (Harvard University School of
Public Health)

Title: Kuwait Public Health Survey

Funding: Government of Kuwait (\$105,000 subcontract from Harvard University)

Project period: 2/20/06-2/28/07

PI: W. Leonard (subcontract to NU); Co-I: **T.W. McDade**, R. Godoy; Project PI: V. Reyes-Garcia
(Brandeis)

Title: Social returns of local knowledge in child health and forest conservation: A study in a native
Amazonian population of Bolivia

Funding: National Science Foundation (\$12,000 subcontract from Brandeis)

Project period: 4/15/06-4/14/09

PI: C. Kuzawa; Co-PIs: L.S. Adair (UNC Chapel Hill), **T.W. McDade**, J. Avila (U San Carlos,
Philippines)

Title: Early life nutrition, developmental plasticity, and reproductive ecology in Filipino males

Funding: National Science Foundation (BCS-0542182; \$156,682)

Project period: 1/1/06-12/31/08

PI: R. Godoy (Brandeis); Co-PI: W. Leonard, **T.W. McDade**, V. Reyes-Garcia, S. Tanner

Title: Summer field training in methods to collect data

Funding: National Science Foundation (BCS-0609924; \$257,756)

Project period: 9/1/06-8/31/07

PI: **T.W. McDade**; Co-PI: E. Sweet

Title: Social status and stress among African American adolescents (Dissertation Improvement Grant
for E. Sweet)

Funding: National Science Foundation (BCS-0514731; \$12,000)

Project period: 7/1/05-6/30/06

PI: M. Shalowitz; Co-I: E. Adam, C. Kuzawa, **T.W. McDade**

Title: Community Action for Child Health Equity (CACHE)

Funding: National Institute of Child Health and Human Development (\$14,740; pilot grant to establish
national network)

Project period: 7/1/05-6/30/06

PI: **T.W. McDade** (subcontract to NU); Project PI: L. Waite (U Chicago)
 Title: National Social Life, Health, and Aging Project (NSHAP)
 Funding: National Institute of Aging (RO1 AG021487; \$265,000 subcontract from U Chicago)
 Project period: 2/1/05-12/31/07

PI: **T.W. McDade** (subcontract to NU); Project PI: D. Thomas (UCLA)
 Title: Analysis of C-reaction protein in the Micro Foundations of Health and Economic Development Study
 Funding: National Institute of Aging (\$20,790 subcontract from USC/UCLA Biodemography Center)
 Project period: 7/1/04-6/30/05

PI: **T.W. McDade**; Co-PIs: W. Leonard (Northwestern), R. Godoy (Brandeis)
 Title: Collaborative research: Multidimensional analysis of quality of life
 Funding: National Science Foundation (BCS-0322380; \$157,290)
 Project period: 8/1/03-7/31/06.

PI: **T.W. McDade**
 Title: PECASE: Acculturation, health, and the ecology of immune function: Integrated research and education in human biology
 Funding: National Science Foundation (BCS-0134225; \$300,000)
 Project period: 8/15/02-8/14/07

PI: W. Leonard (Northwestern); Co-PI: **T.W. McDade**, R. Godoy (Brandeis)
 Title: Modernization and its discontents: Socioeconomic and biological influences on quality of life
 Funding: National Science Foundation (BCS-0200767; \$25,200)
 Project period: 7/1/02-1/31/04

PI: **T.W. McDade** (subcontract to NU); Project PI: B. Shell-Duncan (U Washington)
 Title: Evaluation of low dietary iron as a nutritional adaptation to infectious disease
 Funding: National Science Foundation (BCS-0115717; \$26,120 subcontract from U Washington)
 Project period: 7/15/01-7/14/02

PI: **T.W. McDade**
 Title: Acculturation and health among indigenous children in lowland Bolivia
 Funding: Northwestern University Research Grants Committee (\$5,185)
 Project period: 5/23/01-5/22/02

PI: **T.W. McDade**; Co-PIs: W. Leonard, H. Schwartzman
 Title: Anthropology, human biology, and health: Integrating coursework and collaborative research
 Funding: Northwestern University Office of the Provost (\$19,250)
 Project period: 5/01-6/09

PI: C.M. Worthman; Co-PI: **T.W. McDade**
 Title: Culture change, stress, and immune function in Western Samoan youth (Dissertation Improvement Grant for T. McDade)
 Funding: National Science Foundation, (#9705161; \$11,995)
 Project period: 4/97-8/99

PI: **T.W. McDade**
 Title: Culture change, stress, and immune function in Western Samoan youth
 Funding: Wenner-Gren Foundation (#6240; \$13,500)
 Project period: 4/97-8/99

PI: **T.W. McDade**

Title: Culture change, stress, and immune function in Western Samoan youth

Funding: Society for the Psychological Study of Social Issues (\$1,000)

Project period: 4/97-8/99

PUBLICATIONS, PEER-REVIEWED (Up-to-date list available on [Google Scholar](#))

(underlined names indicate co-authors who were students or post-doctoral trainees at the time the publication was written)

- 2022 **McDade, T.W.**, Sancilio, A., D'Aquila, R.T., Mustanski, B., Vaught, L.A., Reiser, N.L., Velez, M.E., Hsieh, R.R., Ryan, D.T., Saber, R., McNally, E.M. and A.R. Demonbreun. Low levels of neutralizing antibodies following natural infection with SARS-CoV-2 in a community-based serological study. Open Forum Infectious Diseases (in press).
- 2022 Kidd, M.G., and **T.W. McDade**. Association between C-reactive protein response to influenza vaccine during pregnancy and birth outcomes. American Journal of Human Biology 34: e23569.
- 2022 Koning, S.M., Polos, J.A., Kershaw, K.N. and **T.W. McDade**. Racial inequities in birth weight by maternal age among college-educated mothers: The role of early disadvantage. American Journal of Preventive Medicine (early view).
- 2022 Mustanski, B., Saber, R., Ryan, D.T., Benbow, N., Madkins, K., Hayford, C., Newcomb, M.E., Schrock, J.M., Vaught, L.A., Reiser, N.L. and Velez, M.P., Hsieh, R.R., Demonbreun, A.R., D'Aquila, R., McNally, E.M., and **T.W. McDade**. Geographic disparities in COVID-19 case rates are not reflected in seropositivity rates using a neighborhood survey in Chicago. Annals of Epidemiology 66: 44-51.
- 2022 Schrock, J.M., **McDade, T.W.**, Richard, T.D. and Mustanski, B. Does body mass index explain the apparent anti-inflammatory effects of cannabis use? Results From a cohort study of sexual and gender minority youth. Drug and Alcohol Dependence 233: 109344.
- 2022 Oswald, L.B., Fox, R.S., Murphy, K.M., Salsman, J.M., Sanford, S.D., **McDade, T.W.** and D.E. Victorson. Preliminary effects of mindfulness training on inflammatory markers and blood pressure in young adult survivors of cancer: Secondary analysis of a pilot randomized controlled trial. International Journal of Behavioral Medicine, pp.1-9.
- 2022 Ryan, C.P., Jones, M.J., Edgar, R.D., Lee, N.R., Kobor, M.S., **McDade, T.W.** and C.W. Kuzawa. Immune cell type and DNA methylation vary with reproductive status in women: possible pathways for costs of reproduction. Evolution, Medicine, and Public Health, 10: 47-58.
- 2022 Rosenbaum, S., Kuzawa, C.W., **McDade, T.W.**, Bechayda, S.A. and L.T. Gettler. Neither environmental unpredictability nor harshness predict reliance on alloparental care among families in Cebu, Philippines. Development and Psychopathology (early view).
- 2022 Demonbreun, A.R., Velez, M.P., Saber, R., Ryan, D.T., Sancilio, A., **McDade, T.W.** and E.M. McNally. mRNA intramuscular vaccination produces a robust IgG antibody response in advanced neuromuscular disease. Neuromuscular Disorders 32: 33-35.

- 2021 Polos, J.A., Koning, S.M. and T.W. McDade. Do intersecting identities structure social contexts to influence life course health? The case of school peer economic disadvantage and obesity. Social Science & Medicine 289: 114424.
- 2021 Schrock, J.M., McDade, T.W., Carrico, A.W., Richard, T.D. and B. Mustanski. Traumatic events and mental health: The amplifying effects of pre-trauma systemic inflammation. Brain, Behavior, and Immunity 98: 173-184.
- 2021 Rosenbaum, S., Kuzawa, C.W., **McDade, T.W.**, Avila, J., Bechayda, S.A. and Gettler, L.T. Fathers' care in context: 'facultative,' flexible fathers respond to work demands and child age, but not to alloparental help, in Cebu, Philippines. Evolution and Human Behavior 42: 534-546.
- 2021 **McDade, T.W.**, Miller, A., Tran, T.T., Borders, A.E. and G. Miller. A highly sensitive multiplex immunoassay for inflammatory cytokines in dried blood spots. American Journal of Human Biology 33: e23558.
- 2021 Demonbreun, A.R., Sancilio, A., Velez, M.E., Ryan, D.T., Pesce, L., Saber, R., Vaught, L.A., Reiser, N.L., Hsieh, R.R., D'Aquila, R.T., Mustanski, B., **McDade, T.W.** and E.M. McNally. COVID-19 mRNA vaccination generates greater immunoglobulin G levels in women compared to men. The Journal of Infectious Diseases 224: 793-797.
- 2021 **McDade, T.W.**, Demonbreun, A.R., Sancilio, A., Mustanski, B., D'Aquila, R.T. and E.M. McNally. Durability of antibody response to vaccination and surrogate neutralization of emerging variants based on SARS-CoV-2 exposure history. Scientific Reports 11: 1-6.
- 2021 Demonbreun, A.R., Sancilio, A., Velez, M.P., Ryan, D.T., Saber, R., Vaught, L.A., Reiser, N.L., Hsieh, R.R., Richard, T.D., Mustanski, B., McNally, E.M. and **T.W. McDade.** Comparison of IgG and neutralizing antibody responses after one or two doses of COVID-19 mRNA vaccine in previously infected and uninfected individuals. EClinicalMedicine 38: 101018.
- 2021 Sancilio, A.E., D'Aquila, R.T., McNally, E.M., Velez, M.P., Ison, M.G., Demonbreun, A.R. and **T.W. McDade.** A surrogate virus neutralization test to quantify antibody-mediated inhibition of SARS-CoV-2 in finger stick dried blood spot samples. Scientific Reports 11: 1-6.
- 2021 Schrock, J.M., Ryan, D.T., Saber, R., Benbow, N., Vaught, L.A., Reiser, N., Velez, M.P., Hsieh, R., Newcomb, M., Demonbreun, A.R. B. Mustanski, McNally, E.M., D'Aquila, R. and **T.W. McDade.** Cohabitation with a known Coronavirus Disease 2019 case is associated with greater antibody concentration and symptom severity in a community-based sample of seropositive adults. Open Forum Infectious Diseases 8: ofab244.
- 2021 Demonbreun, A.R., **McDade, T.W.**, Pesce, L., Vaught, L.A., Reiser, N.L., Bogdanovic, E., Velez, M.P., Hsieh, R.R., Simons, L.M., Saber, R., Ryan, D.T., Ison, M.G., Hultquist, J.F., Wilkins, J.T., D'Aquila, R.T., Mustanski, B. and E.M. McNally. Patterns and persistence of SARS-CoV-2 IgG antibodies in Chicago to monitor COVID-19 exposure. JCI Insight 6: e146148.
- 2021 Victorson, D., Doninger, G., Victorson, S., Victorson, G., Hall, L., Maletich, C., Corr, B.R., Scortino, K., Burns, Z., Allen, L., Rosa, I., Quirk, K., Adegbemi, A., Strokoff, J., Zuidema,

- K., Sajdak, D., Mckibben, T., Roberts, A., **McDade, T.W.**, Boes, A., McAlinden, K., Arredondo, K., Sauer, C., Smith, K. and J.M. Salsman. Psychosocial and biological outcomes of immersive, mindfulness-based treks in nature for groups of young adults and caregivers affected by cancer: Results from a single arm program evaluation from 2016–2021. International Journal of Environmental Research and Public Health 18: 12622.
- 2021 **McDade, T.W.** and S.M. Koning. Early origins of socioeconomic inequalities in chronic inflammation: Evaluating the contributions of low birth weight and short breastfeeding. Social Science & Medicine 269: 113592.
- 2021 **McDade, T.W.**, Meyer, J.M., Koning, S.M. and K.M. Harris. Body mass and the epidemic of chronic inflammation in early mid-adulthood. Social Science & Medicine 281: 114059
- 2021 Christian, L.M., Cole, S.W., **McDade, T.W.**, Pachankis, J.E., Morgan, E., Strahm, A.M. and C.M. Kamp Dush. A biopsychosocial framework for understanding sexual and gender minority health: A call for action. Neuroscience and Biobehavioral Reviews 129: 107-116.
- 2021 Uwizeye, G., Thayer, Z.M., DeVon, H.A., McCreary, L.L., **McDade, T.W.**, Mukamana, D., Park, C., Patil, C.L. and J.N. Rutherford. Double Jeopardy: Young adult mental and physical health outcomes following conception via genocidal rape during the 1994 genocide against the Tutsi in Rwanda. Social Science & Medicine 278: 113938.
- 2021 Viet, S.M., Dellarco, M., Chen, E., **McDade, T.W.**, Faustman, E., Brachvogel, S., Smith, M. and R. Wright. Recommendations for assessment of environmental exposures in longitudinal life course studies such as the National Children's Study. Frontiers in Pediatrics 9: 207.
- 2021 **McDade, T.W.**, Aronoff, J.E., Leigh, A.K.K., Finegood, E.D., Weissman-Tsukamoto, R.M., Brody, G.H. and G.E. Miller. Out of the laboratory and into the field: Validation of portable cell culture protocols. Psychosomatic Medicine 83 (3): 283-290.
- 2021 McQuillan, M.T., Kuhns, L.M., Miller, A.A., **McDade, T.W.** and R. Garofalo. Gender minority stress, support, and inflammation in transgender and gender-nonconforming youth. Transgender Health 6 (2): 91-100.
- 2020 Aristizabal, M.J., Anreiter, I., Halldorsdottir, T., Odgers, C.L., **McDade, T.W.**, Goldenberg, A., Mostafavi, S., Kobor, M.S., Binder, E.B., and M.B. Sokolowski. Biological embedding of experience: A primer on epigenetics. Proceedings of the National Academy of Sciences 117: 23261-23269.
- 2020 **McDade, T.W.**, McNally, E., Zelikovich, A., D'Aquila, R., Mustanski, B., Miller, A., Vaught, L., Reiser, N., Bogdanovic, E., and K. Fallon. High seroprevalence for SARS-CoV-2 among household members of essential workers detected using a dried blood spot assay. PLoS One 15: e0237833.
- 2020 **McDade, T.W.**, Borja, J.B., Lee, N., Aquino, C.T., Barrett, T., Adair, L.S., and C.W. Kuzawa. C-reactive protein response to influenza vaccination predicts cardiovascular disease risk in the Philippines. Biodemography and Social Biology 65: 88-96.
- 2020 **McDade, T.W.**, and A. Sancilio. Beyond serosurveys: Human biology and the measurement of SARS-CoV-2 antibodies. American Journal of Human Biology 32: e23483.

- 2020 Kuzawa, C.W., Adair, L., Bechayda, S.A., Borja, J.R.B., Carba, D.B., Duazo, P.L., Eisenberg, D.T., Georgiev, A.V., Gettler, L.T., Lee, N.R., Quinn, E.A., Rosenbaum, S., Rutherford, J.N., Ryan, C.P. and **T.W. McDade**. Evolutionary life history theory as an organising framework for cohort studies: Insights from the Cebu Longitudinal Health and Nutrition Survey. Annals of Human Biology 47: 94-105.
- 2020 Pearson, A.L., Pfeiffer, K.A., Gardiner, J., Horton, T., Buxton, R.T., Hunter, R.F., Breeze, V., and **T.W. McDade**. Study of active neighborhoods in Detroit (stand): Study protocol for a natural experiment evaluating the health benefits of ecological restoration of parks. BMC Public Health 20: 1-14.
- 2019 **McDade, T.W.**, Borja, J.B., Lee, N., Aquino, C.T., Barrett, T., Adair, L.S. and C.W. Kuzawa. C-reactive protein response to influenza vaccination predicts cardiovascular disease risk in the Philippines. Biodemography and Social Biology 65: 88-96.
- 2019 Aristizabal, M.J., Anreiter, I, Halldorsdottir, T., Odgers, C.L., **McDade, T.W.**, Goldenberg, A., Mostafavi, S., Kobor, M.S., Binder, E.B., Sokolowski, M.B. and K.J. O'Donnell. Biological embedding of experience: A primer on epigenetics. Proceedings of the National Academy of Sciences, 201820838.
- 2019 Gettler, L.T., Kuo, P.X., Rosenbaum, S., Avila, J.L., **McDade, T.W.** and C.W. Kuzawa. Sociosexuality, testosterone, and life history status: prospective associations and longitudinal changes among men in Cebu, Philippines. Evolution and Human Behavior 40: 249-258.
- 2019 **McDade, T.W.**, Kuzawa, C.W., Borja, J., Arevalo, J.M.G., Miller, G. and S.W. Cole. Profiles of gene expression in maternal blood predict offspring birth weight in normal pregnancy. Journal of Developmental Origins of Health and Disease 10: 676-82.
- 2019 Slopen, N., Tang, A., Nelson, C.A., Zeanah, C.H., **McDade, T.W.**, McLaughlin, K.A. and N.A. Fox. The consequences of foster care versus institutional care in early childhood on adolescent cardiometabolic and immune markers: Results from a randomized controlled trial. Psychosomatic Medicine 81: 449-457.
- 2019 Ragsdale, H.B., Kuzawa, C.W., Borja, J.B., Avila, J.L. and **T.W. McDade**. Regulation of inflammation during gestation and birth outcomes: Inflammatory cytokine balance predicts birth weight and length. American Journal of Human Biology 31: e23245.
- 2019 Kuzawa, C.W., Barrett, T.M., Borja, J.B., Lee, N.R., Aquino, C.T., Adair, L.S. and **T.W. McDade**. Ankle brachial index (ABI) in a cohort of older women in the Philippines: Prevalence of peripheral artery disease and predictors of ABI. American Journal of Human Biology 31: e23237.
- 2019 **McDade, T.W.**, Ryan, C.P., Jones, M.J., Hoke, M.K., Borja, J., Miller, G.E., Kuzawa, C.W. and M.S. Kobor. Genome-wide analysis of DNA methylation in relation to socioeconomic status during development and early adulthood. American Journal of Physical Anthropology 169: 3-11.
- 2018 **McDade, T.W.** and K.M. Harris, editors. Biosocial Pathways of Well-Being Across the Life Course. RSF: The Russell Sage Journal of the Social Sciences.
- 2018 Harris, K.M. and **T.W. McDade**. The biosocial approach to human development, behavior, and health across the life course. In Biosocial Pathways of Well-Being Across the Life

- Course, McDade, T.W. and K.M. Harris, editors. RSF: The Russell Sage Journal of the Social Sciences.
- 2018 Gettler, L.T., Kuo, P.X., Rosenbaum, S., Avila, J.L., **McDade, T.W.** and C.W. Kuzawa. Sociosexuality, testosterone, and life history status: prospective associations and longitudinal changes among men in Cebu, Philippines. Evolution and Human Behavior 40: 249-258.
- 2018 **McDade, T.W.**, Jones, M.J., Miller, G., Borja, J., Kobor, M.S. and C.W. Kuzawa. Birth weight and postnatal microbial exposures predict the distribution of peripheral blood leukocyte subsets in young adults in the Philippines. Journal of Developmental Origins of Health and Disease 9: 198-207.
- 2018 Rosenbaum, S., Gettler, L.T., **McDade, T.W.**, Belarmino, N.M. and C.W. Kuzawa. The effects of collection and storage conditions in the field on salivary testosterone, cortisol, and sIgA values. Annals of Human Biology: 1-7
- 2018 Rosenbaum, S., Gettler, L.T., **McDade, T.W.**, Bechayda, S.S., and C.W. Kuzawa. Does a man's testosterone “rebound” as dependent children grow up, or when pairbonds end? A test in Cebu, Philippines. American Journal of Human Biology 30: e23180.
- 2018 Adair, L.S., Kuzawa, C., **McDade, T.W.**, Carba, D.B. and J.B. Borja. Seventeen-year changes in body mass index, waist circumference, elevated blood pressure, and diabetes phenotypes in a cohort of Filipino women. Asia Pacific Journal of Public Health 30: 561-571
- 2018 Kyweluk, M.A., Sievert, L.L., Huicochea-Gómez, L., Cahuich-Campos, D., **McDade, T.W.** and D.E. Brown. Variation in levels of AMH among Maya and non-Maya women in Campeche, Mexico. American Journal of Physical Anthropology 167: 282-290.
- 2018 Sweet, E., Kuzawa, C.W. and **T.W. McDade**. Short-term lending: Payday loans as risk factors for anxiety, inflammation and poor health. *Social Science and Medicine Population Health*. Early view.
- 2018 Ryan, C.P., Hayes, M.G., Lee, N.R., **McDade, T.W.**, Jones, M.J., Kobor, M.S., Kuzawa, C.W. and D.T.A. Eisenberg. Reproduction predicts shorter telomeres and epigenetic age acceleration among young adult women. Scientific Reports 8: 11100.
- 2018 Hoke, M.K., McCabe, K.A., Miller, A.A. and **T.W. McDade**. Validation of endotoxin-core antibodies in dried blood spots as a measure of environmental enteropathy and intestinal permeability. American Journal of Human Biology. Early view: e23120
- 2017 **McDade, T.W.**, Ryan, C., Jones, M.J., MacIsaac, J.L., Meyer, J.M., Morin, A.M., Borja, J.E., Miller, G.E., Kobor, M.S., and C.W. Kuzawa. Social and physical environments early in development predict DNA methylation of inflammatory genes in young adulthood. Proceedings of the National Academy of Sciences 114: 7611-7616.
- 2017 Miller, G.E., Culhane, J., Grobman, W., Simhan, H., Williamson, D.E., Adam, E.K., Buss, C., Entringer, S., Kim, K., Garcia-Espana, J.F., Keenan-Devlin, L., **McDade, T.W.**, Wadhwa, P.D. and A. Borders. Mothers' childhood hardship forecasts adverse pregnancy outcomes: Role of inflammatory, lifestyle, and psychosocial pathways. Brain, Behavior, and Immunity 65: 11-19.
- 2017 Kuzawa, C.W., Fried, R.L., Borja, J.B. and **T.W. McDade**. Maternal pregnancy C-reactive protein predicts offspring birth size and body composition in metropolitan Cebu, Philippines. Journal of Developmental Origins of Health and Disease 8: 674-681.

- 2017 Fried, R.L., Mayol, N.L., **McDade, T.W.** and C.W. Kuzawa. Maternal metabolic adaptations to pregnancy among young women in Cebu, Philippines. American Journal of Human Biology 29: e23011.
- 2017 Georgiev, A.V., Ryan, C.P., Gettler, L.T., **McDade, T.W.** and C.W. Kuzawa. Second-to-fourth digit ratio (2D: 4D) is unrelated to measures of somatic reproductive effort among young men from Cebu, the Philippines. American Journal of Physical Anthropology 163: 437-445.
- 2017 Ryan, C.P., **McDade, T.W.**, Gettler, L.T., Eisenberg, D.T.A., Rzhetskaya, M., Hayes, G. and C.W. Kuzawa. Androgen receptor CAG repeat polymorphism and hypothalamic-pituitary-gonadal function in Filipino young adult males. American Journal of Human Biology 29: e22897.
- 2016 **McDade, T.W.**, Ross, K.M., Fried, R.L., Arevalo, J.M.G., Ma, J., Miller, G.E. and S.W. Cole. Genome-wide profiling of RNA from dried blood spots: Convergence with bioinformatic results derived from whole venous blood and peripheral blood mononuclear cells. Biodemography and Social Biology 62: 182-97.
- 2016 Ross, K.M., Miller, G.E., Culhane, J., Grobman, W., Simhan, H.N., Wadhwa, P.D., Williamson, D., **McDade, T.W.**, Buss, C., Entringer, S., Adam, E.K., Qadir, S., Keenan-Devlin, L., Leigh, A.K.K. and A. Borders. Patterns of peripheral cytokine expression during pregnancy in two cohorts and associations with inflammatory markers in cord blood. American Journal of Reproductive Immunology 76: 406-14.
- 2016 Guan, S.A., Bower, J.E., Almeida, D.M., Cole, S.W., Dahl, R.E., Irwin, M.R., Seeman, T.E., **McDade, T.W.** and A.J. Fuligni. Parental support buffers the association of depressive symptoms with cortisol and C-reactive protein during adolescence. Brain, Behavior, and Immunity 57: 134-43.
- 2016 Nadimpalli, S.B., Kanaya, A.M., **McDade, T.W.** and N.R. Kandula. Self-reported discrimination and mental health among Asian Indians: Cultural beliefs and coping style as moderators. Asian American Journal of Psychology 7: 185.
- 2016 Roberts, S.C., Seav, S.M., **McDade, T.W.**, Dominick, S.A., Gorman, J.R., Whitcomb, B.W. and H.I. Su. Self-collected dried blood spots as a tool for measuring ovarian reserve in young female cancer survivors. Human Reproduction 7: 1570-8.
- 2016 Garfield, C.F., Duncan, G., Peters, S., Rutsohn, J., McDade, T.W., Adam, E.K., Coley, R.L. and P.L. Chase-Lansdale. Adolescent reproductive knowledge, attitudes, and beliefs and future fatherhood. Journal of Adolescent Health 58: 497-503.
- 2016 Eick, G., Urlacher, S.S., **McDade, T.W.**, Kowal, P. and J.J. Snodgrass. Validation of an optimized ELISA for quantitative assessment of Epstein-Barr virus antibodies from dried blood spots. Biodemography and Social Biology 62: 222-233.
- 2016 Georgiev, A.V., Kuzawa, C.W. and **T.W. McDade**. Early developmental exposures shape trade-offs between acquired and innate immunity in humans. Evolution, Medicine, and Public Health 1: 256-269.
- 2016 **McDade, T.W.**, Georgiev, A.V. and C.W. Kuzawa. Trade-offs between acquired and innate immune defenses in humans. Evolution, Medicine, and Public Health 1: 1-16.

- 2016 Goosby, B.J., Cheadle, J.E. and **T.W. McDade**. Birth weight, early life course BMI, and body size change: Chains of risk to adult inflammation? *Social Science & Medicine* 148: 102-9.
- 2016 **McDade, T.W.**, Borja, J.B, Largado, F., Adair, L.S. and C.W. Kuzawa. Adiposity and chronic inflammation in young women predict inflammation during normal pregnancy in the Philippines. *Journal of Nutrition* 146: 353-7.
- 2016 Garfield, C.F., Duncan, G., Gutina, A., Rutsohn, J., **McDade T.W.** and E.K. Adam. Longitudinal study of body mass index in young males and the transition to fatherhood. *American Journal of Men's Health*: 10: NP158-NP167..
- 2015 Kuzawa, C.W., Georgiev, A.V., **McDade, T.W.**, Bechayda, S.A. and L.T. Gettler. Is there a testosterone awakening response in humans? *Adaptive Human Behavior and Physiology* 1-18.
- 2015 McClure, H., Snodgrass, J., Martinez, C.R., Squires, E.C., Jiménez, R.A., Isiordia, L.E., Eddy, J.M., and **T.W. McDade**. Stress, place and allostatic load among Mexican immigrant farmworkers in Oregon. *Journal of Immigrant and Minority Health* 17: 1518-25.
- 2015 **McDade, T.W.**, Borja, J.B., Kuzawa, C.W., Perez, T.L and L.S. Adair. C-reactive protein response to influenza vaccination as a model of mild inflammatory stimulation in the Philippines. *Vaccine* 33: 2004-2008.
- 2015 Samuelsson, L.B., Hall, M.H., McLean, S., Porter, J.H., Berkman, L., Marino, M., Sembajwe, G., **McDade, T.W.** and O.M. Buxton. Validation of Biomarkers of CVD Risk from Dried Blood Spots in Community-Based Research: Methodologies and Study-Specific Serum Equivalencies. *Biodemography and Social Biology* 61: 285-97.
- 2015 Gettler, L.T., **McDade, T.W.**, Bragg, J.M., Feranil, A.B. and C.W. Kuzawa. Developmental energetics, sibling death, and parental instability as predictors of maturational tempo and life history scheduling in males from Cebu, Philippines. *American Journal of Physical Anthropology* 158: 175-184.
- 2015 Funk, W.E., Pleil, J.D., Sauter, D.J., **McDade, T.W.** and J.L. Holl. Use of dried blood spots for estimating children's exposures to heavy metals in epidemiological research. *Journal of Environmental & Analytical Toxicology* S7:002.
- 2015 Ehrlich, K.B., Hoyt, L.T., Sumner, J.A., **McDade, T.W.** and E.K. Adam. Quality of relationships with parents and friends in adolescence predicts metabolic risk in young adulthood. *Health Psychology* 34: 896-904.
- 2015 Workman, M., **McDade, T.W.**, Adair, L. and C.W. Kuzawa. Slow early growers have more muscle in relation to adult activity: Evidence from Cebu, Philippines. *European Journal of Clinical Nutrition*.
- 2014 **McDade, T.W.**, Metzger, M., Chyu, L, Garfield, C. and G. Duncan. Long term effects of birth weight and breastfeeding duration on inflammation in early adulthood. *Proceedings of the Royal Society Series B* 281: 20133116.
- 2014 Hoke, M.K. and **T.W. McDade**. Biosocial inheritance: A framework for the study of the intergenerational transmission of health disparities. *Annals of Anthropological Practice* 38: 187-213.

- 2014 Garfield, C., Duncan, G., Rutsohn, J., **McDade, T.W.**, Adam, E., Coley, R. and L. Chase-Lansdale. A longitudinal study of paternal mental health and the transition to fatherhood. *Pediatrics* 133: 836-43.
- 2014 Gettler, L.T., **McDade, T.W.**, Agustin, S.S., Feranil, A.B. and C.W. Kuzawa. Testosterone, immune function, and life history transitions in Filipino males (*Homo sapiens*). *International Journal of Primatology* 35: 787-804.
- 2014 Dowd, J.B., Palermo, T., Chyu, L., E.K. Adam and **T.W. McDade**. Race/ethnic and socioeconomic differences in stress and immune function in the National Longitudinal Study of Adolescent Health. *Social Science and Medicine* 115: 49-55.
- 2014 Gettler, L.T., **McDade, T.W.**, Agustin, S.S., Feranil, A.B. and C.W. Kuzawa. Longitudinal perspectives on fathers' residence status, time allocation, and testosterone in the Philippines. *Adaptive Human Behavior and Physiology* 1: 124-49.
- 2014 Samuelsson, L.B., Buxton, O.M., Hall, M., McLean, S., Porter, J.H., Berkman, L., Marino, M., Sembajwe, G. and **T.W. McDade**. Validation of dried blood spot for cardiovascular disease biomarkers. *Psychosomatic Medicine* 75: A42-43.
- 2014 Gettler, L.T., **McDade, T.W.**, Feranil, A.B., Agustin, S.S. and C.W. Kuzawa. Salivary estradiol and testosterone in Filipino men: Diurnal patterns and relationships with adiposity. *American Journal of Human Biology* 26: 376-83.
- 2014 Zubair, N., Kuzawa, C.W., Lee, N.R., **McDade, T.W.** and L.S. Adair. Clustering and determinants of cardiometabolic risk factors among Filipino young adults. *Asia Pacific Journal of Clinical Nutrition*: 23: 148-158.
- 2013 Branigan, A.R., Freese, J., Patir, A., **McDade, T.W.**, Liu, K and C.I. Kiefe. 2013. Skin Color, Sex, and Educational Attainment in the Post-Civil-Rights Era. *Social Science Research* 42: 1659-74.
- 2013 **McDade, T.W.** Development and validation of assay protocols for use with dried blood spot samples. *American Journal of Human Biology* 26: 1-9.
- 2013 **McDade, T.W.**, Hoke, M., Borja, J.B., Adair, L.S., and C. Kuzawa. Do environments in infancy moderate the association between stress and inflammation in adulthood? Initial evidence from a birth cohort in the Philippines. *Brain, Behavior, and Immunity* 31: 23-30.
- 2013 Buxton, O.M., Klein, L.C., Shinnery, J., Williams, S. and **T.W. McDade**. Biomarkers in work and family research. In *New Frontiers in Work and Family Research*, J.G. Grzywacz and E. Demerouti (eds.), pp. 170-190. New York: Psychology Press.
- 2013 Dowd, H.B., Palermo, T., Brite, J., **McDade, T.W.** and A. Aiello. Seroprevalence of Epstein-Barr virus infection in US children ages 6-19, 2003-2010 *PloS One* 8: e64921.
- 2013 Sweet, E., Nandi, A., Adam, E. and **T.W. McDade**. The high price of debt: Household financial debt and its impact on mental and physical health. *Social Science & Medicine* 91: 94-100.
- 2013 **McDade, T.W.**, Borja, J.B. and L.S. Adair, C Kuzawa. Depressive symptoms are not associated with inflammation in younger and older adults in the Philippines. *Evolution, Medicine, and Public Health* 2013: 18-23.

- 2013 Kuzawa, C.W., Adair, L.S., Borja, J. and **T.W. McDade**. C-reactive protein by pregnancy and lactational status among Filipino young adult women. *American Journal of Human Biology* 25: 131-4.
- 2013 McClure, H.H., Snodgrass, J.J., Martinez, C.R., Eddy, J.M., **McDade, T.W.**, Hyers, M.J. and A. Johnstone-Diaz. Integrating biomarkers into research with Latino immigrants in the United States. *Advances in Anthropology* 3: 112.
- 2012 **McDade, T.W.** Early environments and the ecology of inflammation. *Proceedings of the National Academy of Sciences* 109: 17281-8.
- 2012 Ernst, L.M., Grobman, W.A., Wolfe, K., Huang, M.H., **McDade, T.W.**, Holl, J.L. and A.E.B Borders. Biological markers of stress in pregnancy: Associations with chronic placental inflammation at delivery. *American Journal of Perinatology* 30: 557-64.
- 2012 Bragg, J.M., Kuzawa, C.W., Agustin, S.S., Banerjee, M.N. and **T.W. McDade**. Age at menarche and parity are independently associated with Anti-Müllerian hormone, a marker of ovarian reserve, in filipino young adult women. *American Journal of Human Biology* 24: 739-45.
- 2012 Kuzawa, C.W., Tallman, P.S., Adair, L.S., Lee, N. and **T.W. McDade**. Inflammatory profiles in the non-pregnant state predict offspring birth weight at Cebu: Evidence for inter-generational effects of low grade inflammation. *Annals of Human Biology* 39: 267-74.
- 2012 Sanbonmatsu, L., Marvakov, J., Potter, N.A., Yang, F., Adam, E.K., Congdon, W.J., Duncan, G.J., Gennetian, L.A., Katz, L.F., Kling, J.R., Kessler, R.C., Lindau, S.T., Ludwig, J. and **T.W. McDade**. The long-term effects of Moving to Opportunity on adult health and economic self-sufficiency. *Cityscape: A Journal of Policy Development and Research* 14: 109-36.
- 2012 Zubair, N., Kuzawa, C.W., **McDade, T.W.** and L.S. Adair. Cluster analysis reveals important determinants of cardiometabolic risk patterns in Filipino women. *Asia Pacific Journal of Clinical Nutrition* 21: 271-81.
- 2012 Gettler, L.T., **McDade, T.W.**, Feranil, A.B. and C.W. Kuzawa. Prolactin, fatherhood, and reproductive behavior in human males. *American Journal of Physical Anthropology* 148: 362-70.
- 2012 Zeng, W., Eisenberg, D.T., Jovel, K.R., Undurraga, E.A., Nyberg, C., Tanner, S., Reyes-García, V., Leonard, W.R., Castaño, J., Huanca, T., **McDade, T.W.**, TAPS Bolivia Study Team. Adult obesity: Panel study from native Amazonians. *Economics and Human Biology* 11: 227-35.
- 2012 Gettler, L.T., McKenna, J.J., **McDade, T.W.**, Agustin, S.S. and C.W. Kuzawa. Does cosleeping contribute to lower testosterone levels in fathers? Evidence from the Philippines. *PLoS One*. 7:e41559.
- 2012 Rueggeberg, R., Wrosch, C., Miller, G.E. and **T.W. McDade**. Between health-related self-protection, diurnal cortisol, and C-reactive protein in lonely older adults. *Psychosomatic Medicine* 74: 937-44.
- 2012 Croteau-Chonka, D.C., Wu, Y., Li, Y., Fogarty, M.P., Lange, L.A., Kuzawa, C.W., **McDade T.W.**, Borja, J.B., Luo, J.A., AbdelBaky, O., Combs, T.P., Adair, L.S., Lange, E.M. and K.L. Mohlke. Population-specific coding variant underlies genome-wide association with adiponectin level. *Human Molecular Genetics* 21: 463-71.

- 2012 **McDade, T.W.**, Woodruff, T.K., Huang, Y.Y., Funk, W.E., Prewitt, M., Kondapalli, L. and C.R. Gracia. Quantification of anti-Müllerian hormone (AMH) in dried blood spots: validation of a minimally invasive method for assessing ovarian reserve. Human Reproduction 27: 2503-8.
- 2012 Nyberg, C.H., Leonard, W.R., Tanner, S., **McDade, T.W.**, Huanca, T., Godoy, R., TAPS Bolivia Study Team. Diurnal cortisol rhythms and child growth: exploring the life history consequences of HPA activation among the Tsimane'. American Journal of Human Biology 24: 730-8.
- 2012 Miller, E.M. and **T.W. McDade**. A highly sensitive immunoassay for interleukin-6 in dried blood spots. American Journal of Human Biology 24: 863-5.
- 2012 **McDade, T.W.**, Tallman, P.S., Madimenos, F.C., Liebert, M.A., Cepon, T.J., Sugiyama, L.S. and J.J. Snodgrass. Analysis of variability of high sensitivity C-reactive protein in lowland Ecuador reveals no evidence of chronic low-grade inflammation. American Journal of Human Biology 5: 675-81.
- 2012 Tallman, P.S., Kuzawa, C.W., Adair, L.S., Borja, J. and **T.W. McDade**. Microbial exposures in infancy predict levels of the inflammatory cytokine interleukin-4 in Filipino young adults. American Journal of Human Biology 4: 446-53.
- 2012 Hoyt, L.T., Chase-Lansdale, P.L., **McDade, T.W.**, and E.K. Adam. Positive youth, healthy adults: does positive well-being in adolescence predict better perceived health and fewer risky health behaviors in young adulthood? Journal of Adolescent Health 50: 66-73.
- 2012 Wu Y, **McDade T.W.**, Kuzawa C.W., Borja, J., Li, Y., Adair, L.S., Mohlke, K.L., and L.A. Lange. Genome-wide association with C-reactive protein levels in CLHNS: Evidence for the *CRP* and *HNF1A* Loci and their interaction with pathogen exposure. Inflammation 35: 574-83.
- 2011 **McDade, T.W.**, Tallman, P.S., Adair, L.S., Borja, J. and C.W. Kuzawa. Comparative insights into the regulation of inflammation: Levels and predictors of interleukin 6 and interleukin 10 in young adults in the Philippines. American Journal of Physical Anthropology 146: 373-84.
- 2011 **McDade, T.W.**, Chyu, L., Duncan, G.J., Hoyt, L.T., Doane, L.D. and E.K. Adam. Adolescents' expectations for the future predict health behaviors in early adulthood. Social Science and Medicine 73: 391-8.
- 2011 **McDade, T.W.** The state and future of blood-based biomarkers in the Health and Retirement Study. Forum for Health Economics & Policy 14: 1-5.
- 2011 Adam, E.K., Chyu, L., Hoyt, L.T., Doane, L.D., Boisjoly, J., Duncan, G.J., Chase-Lansdale, P.L. and **T.W. McDade**. Adverse adolescent relationship histories and young adult health: Cumulative effects of loneliness, low parental support, relationship, instability, intimate partner violence, and loss. Journal of Adolescent Health 49: 278-86.
- 2011 Curocichin, G., Wu, Y., **McDade, T.W.**, Kuzawa, C.W., Borja, J.B., Qin, L., Lange, E.M., Adair, L.S., Lange, L.A. and K.L. Mohlke. Single-nucleotide polymorphisms at five loci are associated with C-reactive protein levels in a cohort of Filipino young adults. Journal of Human Genetics. 56: 823-7.

- 2011 **Gettler, L.T., McDade, T.W.,** and C.W. Kuzawa. Cortisol and testosterone in Filipino young adult men: Evidence for co-regulation of both hormones by fatherhood and relationship status. *American Journal of Human Biology* 23: 609-20.
- 2011 **McDade, T.W.,** Adair, L.S., Kuzawa, Feranil, A. and C.K. Kuzawa. Positive antibody response to vaccination in adolescence predicts lower C-reactive protein concentration in young adulthood in the Philippines. *American Journal of Human Biology* 23: 313-8.
- 2011 Adair, L.S., Popkin, B.M., Akin, J.S., Guilkey, D.K., Gultiano, S., Borja, J., Perez, L., Kuzawa, C.W., **McDade, T.W.** and M.J. Hindin. Cohort profile: The Cebu longitudinal health and nutrition survey. *International Journal of Epidemiology* 40: 619-25.
- 2011 **Chyu, L., McDade, T.W.,** and E.K. Adam. Measured blood pressure and hypertension among young adults: A comparison between two nationally representative samples. *Biodemography and Social Biology* 57: 184-99.
- 2011 **McDade, T.W.,** S.T. Lindau, and K. Wroblewski. Predictors of C-reactive protein in the National Social Life, Health, and Aging Project. *Journals of Gerontology Series B: Psychological Sciences and Social Sciences* 66: 129-36.
- 2011 **Gettler, L.T., McDade, T.W.,** Feranil, A.B. and C.W. Kuzawa. Longitudinal evidence that fatherhood decreases testosterone in human males. *Proceedings of the National Academy of Sciences* 108: 16194-9.
- 2011 Ludwig, J., Sanbonmatsu, L., Gennetian, L., Adam, E., Duncan, G.J., Katz, L.F., Kessler, R.C., Kling, J.R., Lindau, S.T., Whitaker, R.C. and **T.W. McDade.** Neighborhoods, obesity, and diabetes—a randomized social experiment. *New England Journal of Medicine* 365: 1509-19.
- 2011 **Gettler, L.T., McDade, T.W.,** Agustin, S.S. and C.W. Kuzawa. Short-term changes in fathers' hormones during father-child play: Impacts of paternal attitudes and experience. *Hormones and Behavior* 60:599-606.
- 2011 **Gettler, L.T., McDade, T.W.** and C.W. Kuzawa. Cortisol and testosterone in Filipino young adult men: Evidence for co-regulation of both hormones by fatherhood and relationship status. *American Journal of Human Biology* 23: 609-20.
- 2011 Dowd, J.B., Aiello, A.E., Huang, Y.Y., and **T.W. McDade.** Cytomegalovirus antibodies in dried blood spots: a minimally invasive method for assessing stress, immune function, and aging. *Immunity and Ageing* 8: 3.
- 2011 Tanner, S., Chuquimia-Choque, M.E., Huanca, T., **McDade, T.W.,** Leonard, W.R., and V. Reyes-García. The effects of local medicinal knowledge and hygiene on helminth infections in an Amazonian society. *Social Science and Medicine* 73: 701-9.
- 2010 Lange, L.A., Croteau-Chonka, D.C., Marvelle, A.F., Qin, L., Gaulton, K.J., Kuzawa, C.W., **McDade, T.W.,** Wang, Y., Li, Y., Levy, S., Borja, J.B., Lange, E.M., Adair, L.S., and K.L. Mohlke. Genome-wide association study of homocysteine levels in Filipinos provides evidence for CPS1 in women and a stronger MTHFR effect in young adults. *Human Molecular Genetics* 19: 2050-8.
- 2010 Borders, A.E.B., Grobman, W.A., Amsden, L.B., **McDade, T.W.,** Sharp, L.K., and J.L. Holl. The relationship between self-report and biomarkers of stress in low-income reproductive-age women. *American Journal of Obstetrics and Gynecology* 203: 577e1-8.

- 2010 Wu, Y., Li, Y., Lange, E.M., Croteau-Chonka, D.C., Kuzawa, C.K., **McDade, T.W.**, Qin, L., Curocichin, G., Borja, J.B., Lange, L.A., Adair, L.S. and K.L. Mohlke. Genome-wide association study for adiponectin levels in Filipino women identifies *CDH13* and a novel uncommon haplotype at KNG1-ADIPOQ. Human Molecular Genetics 19: 4955-64.
- 2010 Underraga, E.A., Godoy, R., Nyberg, C., Eisenberg, D.T., Magvanjav, O., Reyes-Garcia, V., Huanca, T., Leonard, W.R., **McDade, T.W.**, Tanner, S., Vadez, V. and the TAPS study team. Individual wealth rank, community wealth inequality, and self-reported adult poor health: A test of hypotheses with panel data (2002-6) from native Amazonians, Bolivia. Medical Anthropology Quarterly 24: 522-48.
- 2010 Kuzawa, C.K., **McDade, T.W.**, Adair, L.S. and N. Lee. Rapid weight gain after birth predicts life history and reproductive strategy in Filipino males. Proceedings of the National Academy of Sciences 107: 16800-5.
- 2010 Lowe, L.P., Metzger, B.E., Lowe, W.L., Dyer, A.R., **McDade, T.W.** and H.D. McIntyre. Inflammatory mediators and glucose in pregnancy: Results from a subset of the Hyperglycemia and Adverse Pregnancy Outcome (HAPO) study. Journal of Clinical Endocrinology and Metabolism 95: 5427-34.
- 2010 Adair, L.S., Popkin, B.M., Akin, J.S., Guilkey, D.K., Gultiano, S., Borja, J., Perez, L., Kuzawa, C.W., **McDade, T.W.** and M.J. Hindin. Cohort profiles: The Cebu Longitudinal Health and Nutrition Survey. International Journal of Epidemiology 40: 619-25.
- 2010 McClure, H., Snodgrass, J.J., Martinez, C., Eddy, M., Ruth, E. and **T.W. McDade**. Discrimination-related stress, blood pressure, and Epstein-Barr virus antibodies among Latin American immigrants in Oregon. Journal of Biosocial Science 42: 433-61.
- 2010 **McDade, T.W.** and C. Nyberg. Acculturation and health. In Human Evolutionary Biology, M. Muehlenbein (ed.), pp. 581-601. New York: Cambridge University Press.
- 2010 Rutherford, J.N., **McDade, T.W.**, Lee, N.R., Adair, L. and C. Kuzawa. Change in waist circumference over 11 years and current waist circumference independently predict elevated CRP in Filipino women. American Journal of Human Biology 22: 310-5.
- 2010 Rutherford, J.N., **McDade, T.W.**, Feranil, A., Adair, L., and C. Kuzawa. High prevalence of low HDL-c in the Philippines compared to the US: Population differences in associations with diet and BMI. Asia Pacific Journal of Clinical Nutrition 19: 57-67.
- 2010 Kuzawa, C., Gettler, L.T., Huang, Y., and **T.W. McDade**. Mothers have lower testosterone than non-mothers: Evidence from the Philippines. Hormones and Behavior 57: 441-7.
- 2010 Godoy, R., Nyberg, C., Eisenberg, D., Magvanjav, O., Shinnar, E., Leonard, W.R., Gravlee, C., Reyes-García, V., **McDade, T.W.**, Huanca, T., Tanner, S. and TAPS Bolivia Study Team. Short but Catching Up: Statural Growth Among Native Amazonian Bolivian Children. American Journal of Human Biology 22: 336-47.
- 2010 **McDade, T.W.**, Rutherford, J.N., Adair, L. and C. Kuzawa. Early origins of inflammation: microbial exposures in infancy predict lower levels of C-reactive protein in adulthood. Proceedings of the Royal Society B 277: 1129-37.
- 2010 Metzger, M. and **T.W. McDade**. Breastfeeding as obesity prevention in the United States: A sibling difference model. American Journal of Human Biology 22: 291-6.
- 2010 Godoy, R., Underraga, E.A., Wilkie, D., Reyes-García, V., Huanca, T., Leonard, W.R., **McDade, T.W.**, Tanner, S., Vadez, V. and TAPS Bolivia Study Team. The effect of wealth

- and real income on wildlife consumption among native Amazonians in Bolivia: estimates of annual trends with longitudinal household data (2002–2006). *Animal Conservation* 265-74.
- 2010 Reyes-García, V., Gravlee, C., **McDade, T.W.**, Huanca, T., Leonard, W.R., and S. Tanner. Cultural consonance and body morphology. Estimates with longitudinal data from an Amazonian society. *American Journal of Physical Anthropology* 143: 167-74.
- 2010 Reyes-García, V., Gravlee, C., **McDade, T.W.**, Huanca, T., Leonard, W.R., and S. Tanner. Cultural consonance and psychological well-being. Estimates using longitudinal data from an Amazonian society. *Culture Medicine and Psychiatry* 34: 186-203.
- 2009 Kuzawa, C.K., Gettler, L.T., Muller, M.N., **McDade, T.W.** and A.B. Feranil. Fatherhood, pairbonding and testosterone in the Philippines. *Hormones and Behavior* 56: 429-35.
- 2009 Godoy, R., Magvanjav, O., Nyberg, C., Eisenberg, D., **McDade, T.W.**, Leonard, W.R., Reyes-García, V., Huanca, T., Tanner, S. Gravlee, C., and TAPS Bolivia Study Team. Why no adult stunting penalty or height premium? Estimates from native Amazonians in Bolivia. *Economics and Human Biology* 8: 88–99.
- 2009 Reyes-García, V. Molina, J.L., **McDade, T.W.**, Tanner, S., Huanca, T., and W.R. Leonard. Inequality in social rank and adult nutritional status: Evidence from a small-scale society in the Bolivian Amazon. *Social Science and Medicine* 69: 571–8.
- 2009 Reyes-García, V., Godoy, R.A., Vadez, V., Ruíz-Mallén, I., Huanca, T., Leonard, W.R., **McDade, T.W.**, Tanner, S. and the TAPS Bolivian Study Team. The pay-offs to sociability: Do solitary and social leisure relate to happiness? *Human Nature* 20: 431-46.
- 2009 Godoy, R., Reyes-García, V., Broesch, J., Fitzpatrick, I., Giovannini, P., Rodriguez, M., Huanca, T., Leonard, W.R., **McDade, T.W.**, and S. Tanner. Long-term (secular) change of ethnobotanical knowledge of useful plants separating cohort and age effects. *Journal of Anthropological Research* 65:51-67.
- 2009 Singh, P., Hawkey, L.C., **McDade, T.W.**, Cacioppo, J.T. and C.M. Masi. Autonomic tone and C-reactive protein: A prospective population-based study. *Clinical Autonomic Research* 19: 367-74.
- 2009 Godoy, R., Reyes-García, V., Gravlee, C., Huanca, T., Leonard, W.R., **McDade, T.W.**, Tanner, S. and TAPS Bolivia Study Team. Moving beyond a snapshot to understand changes in the well-being of native Amazonians. *Current Anthropology* 50: 563-73.
- 2009 Tanner, W., Leonard, W.R., **McDade, T.W.**, Reyes-García, V., Godoy, R., and T. Huanca. Influence of helminth infections on childhood nutritional status in lowland Bolivia. *American Journal of Human Biology* 21:651-6.
- 2009 **McDade, T.W.** and M.D. Hayward. Rationale and methodological options for assessing infectious disease and related measures in social science surveys. *Biodemography and Social Biology* 55: 159-177.
- 2009 Wander, K., Shell-Duncan, B. and **T.W. McDade**. Evaluation of iron deficiency as a nutritional adaptation to infectious disease: An evolutionary medicine perspective. *American Journal of Human Biology* 21: 172-179.
- 2009 Reyes-García V., Broesch, J., Calvet-Mir, L., Fuentes-Peláez, N., **McDade, T.W.**, Parsa, S. Tanner, S., Huanca, T., Leonard, W.R., Saus, J., Martínez-Rodríguez, M.R. and the TAPS

- Bolivian Study Team. Cultural transmission of ethnobotanical knowledge and skills: an empirical analysis from an Amerindian society. Evolution and Human Behavior 30: 274-85.
- 2009 Williams, S.R. and **T.W. McDade**. The use of dried blood spot sampling in the National Social Life, Health, and Aging Project. Journals of Gerontology Series B Psychological Sciences and Social Sciences 64: 131-136.
- 2009 **McDade, T.W.**, Rutherford, J.N., Adair, L. and C. Kuzawa. Population differences in associations between C-reactive protein concentration and adiposity: comparison of young adults in the Philippines and the United States. American Journal of Clinical Nutrition 89: 1237-45.
- 2009 **McDade, T.W.** Beyond the gradient: An integrative anthropological perspective on social stratification, stress, and health. In Health, Risk, and Adversity, C. Panter-Brick and A. Fuentes (eds.), pp. 209-35.
- 2009 Sorensen, M.V., Snodgrass, J.J., Leonard, W.R., **McDade, T.W.**, Tarskaya, L.A., Ivanov, K.I., Krivoschapkin, V.G. and V.P. Alekseev. Lifestyle incongruity, stress and immune function in indigenous Siberians: The health impacts of rapid social and economic change. American Journal of Physical Anthropology 138: 62-9.
- 2009 Godoy, R., Reyes-García, V., Vadez, V., Magvanjav, O., Leonard, W.R., **McDade, T.W.**, Kumar, S., Iqbal, J., Wilkie, D., Tanner, S., Huanca, T. and TAPS Bolivia Study Team. Does the future affect the present? The effects of future weather on the current collection of planted crops and wildlife in a native Amazonian society of Bolivia. Human Ecology 37: 613-28.
- 2008 **McDade, T.W.**, Rutherford, J.N., Adair, L. and C. Kuzawa. Adiposity and pathogen exposure predict C-reactive protein concentration in Filipino women. Journal of Nutrition 138: 2442-7.
- 2008 Reyes-Garcia, V., **McDade, T.W.**, Vadez, V., Huanca, T., Leonard, W.R., Tanner, S., and R. Godoy. Non-market returns to tradition human capital: nutritional status and traditional knowledge in a native Amazonian society. Journal of Development Studies 44: 217-32.
- 2008 Reyes-García, V., Molina, J.L, Broesch, J., Calvet, L., Huanca, T., Saus, J., Tanner, S., Leonard, W.R., and **T.W. McDade**. Do the aged and knowledgeable men enjoy more prestige? A test of predictions from the prestige-bias model of cultural transmission. Evolution and Human Behavior 29: 275-81.
- 2008 Sharrock, K., Kuzawa, C., Leonard, W., Tanner, S., Reyes-García, V., Vadez, V., Huanca, T. and **T.W. McDade**. Developmental changes in the relationship between leptin and adiposity among Tsimané children and adolescents. American Journal of Human Biology 20: 392-8.
- 2008 Godoy, R., Goodman, E., Reyes-Garcia, V., Eisenberg, D.T., Leonard, W.R., Huanca, T., **McDade, T.W.**, Tanner, S., Jha, N and the TAPS Study Team. Rain, temperature, and child-adolescent height among Native Amazonians in Bolivia. Annals of Human Biology 35: 276-93.
- 2008 Reyes-García V., **McDade, T.W.**, Molina, J.L., Leonard, W.R., Tanner, S., Huanca, T. and R. Godoy. Social rank and adult male nutritional status: Evidence of the social gradient in health from a foraging-farming society. Social Science and Medicine 67: 2107-15.
- 2008 Godoy, R., Tanner, S., Reyes-García, V., Leonard, W.R., **McDade, T.W.**, Vento, M., Broesch, J., Fitzpatrick, I.C., Giovannini, P., Huanca, T., Jha, N. and the Bolivian TAPS Study Team. The effect of rainfall during gestation and early childhood on adult height in a

- foraging and horticultural society of the Bolivian Amazon. American Journal of Human Biology 20: 23-34.
- 2008 Panter-Brick, C. Eggerman, M., Mojadidi, A. and **T.W. McDade**. Social stressors, mental health, and physiological stress in an urban elite of young Afghans in Kabul. American Journal of Human Biology 20: 627-41.
- 2008 **McDade, T.W.**, Reyes-García, V., Tanner, S., Huanca, T., and W.R. Leonard. Maintenance vs. growth: Investigating the costs of immune activation among children in lowland Bolivia. American Journal of Physical Anthropology 136: 478-84.
- 2008 Lindau, S.T. and **T.W. McDade**. Minimally-invasive and innovative methods for biomeasure collection in population-based research. In Biosocial Surveys, Committee on Advances in Collecting and Utilizing Biological Indicators and Genetic Information in Social Science Surveys, M. Weinstein, J.W. Vaupel, and K.W. Wachter (eds), pp. 251-77.
- 2007 Reyes-García, V., Marti, N., **McDade, T.W.**, Tanner, S. and V. Vadez. Concepts and methods in studies measuring individual ethnobotanical knowledge. Journal of Ethnobiology 27: 182–203.
- 2007 Godoy, R., Reyes-García, V., Tanner, S., Leonard, W.R., **McDade, T.W.**, and T. Huanca. Can we trust an adult's estimate of parental school attainment? Disentangling social desirability bias and random measurement error. Field Methods.20:26-45.
- 2007 Godoy, R., Reyes-García, V., Seyfried, C., Huanca, T., **McDade, T.W.**, Tanner, S. and V. Vadez. Language skills and earnings: Evidence from a pre-industrial economy in the Bolivian Amazon. Economics of Education Review 26: 349-360.
- 2007 Godoy, R., Reyes-García, V. Leonard, W. Huanca, T., **McDade, T.W.**, Vadez, V. and S. Tanner. Signaling by consumption in a native Amazonian society. Evolution and Human Behavior 28: 124-134.
- 2007 **McDade, T.W.**, Williams, S., and J.J. Snodgrass. What a drop can do: Dried blood spots as a minimally-invasive method for integrating biomarkers into population-based research. Demography 44: 899-925.
- 2007 Sweet, E., **McDade, T.W.**, Kiefe, C.I., Liu, K. The Interaction between skin color, income, and blood pressure among African Americans in the CARDIA Study. American Journal of Public Health 97: 2253-2259.
- 2007 **McDade, T.W.**, Reyes-García, V., Blackinton, P., Tanner, S., Huanca, T., and W.R. Leonard. Ethnobotanical knowledge is associated with indices of child health in the Bolivian Amazon. Proceedings of the National Academy of Sciences 104: 6134-6139.
- 2007 Reyes-García, V., Vadez, V., Tanner, S., Huanca, T., Leonard, W.R. and **T.W. McDade**. Ethnobotanical skills and clearance of tropical rain forest for agriculture: A case study in the lowlands of Bolivia. Ambio 36: 406-408.
- 2007 Patel, A.M., Godoy, R.A., Seyfried, C. Reyes-García, V., Huanca, T., Leonard, W.R., **McDade, T.W.**, and S. Tanner. On the accuracy of perceived parental height in a native Amazonian society. Economics and Human Biology 5: 165-178.
- 2007 Tanner, S. and **T.W. McDade**. Enzyme immunoassay for total immunoglobulin E (IgE) in dried blood spots. American Journal of Human Biology 19: 440-442.

- 2007 Snodgrass, J.J., Leonard, W.R., Tarskaia, L.A., **T.W. McDade**, Sorensen, M.V., Alekseev, V.P., and V.G. Krivoschapkin. Anthropometric correlates of C-reactive protein among indigenous Siberians. Journal of Physiological Anthropology 26: 241-246.
- 2007 **McDade, T.W.** Measuring immune function: Markers of cell-mediated immunity and inflammation in dried blood spots. In A Practical Guide to Measuring Stress in the Field, G.H. Ice and G.D. James (eds.). New York: Cambridge University Press, pp181-208.
- 2007 Reyes-García, V., Godoy, R., Huanca, T., Leonard, W.R., **McDade, T.W.**, Tanner, S., and V. Vadez. The origins of monetary income inequality: Patience, human capital, and division of labor. Evolution and Human Behavior 38: 37-47.
- 2007 Godoy, R., Tanner, S., Reyes-García, V., Leonard, W.R., **McDade, T.W.**, Vento, M., Broesch, J., Fitzpatrick, I., Giovannini, P., Huanca, T., Jha, N., and Bolivian TAPS study team. The effect of rainfall during gestation and early childhood on adult height in a foraging and horticultural society of the Bolivian Amazon. American Journal of Human Biology 20: 23-34.
- 2007 Godoy, R., Seyfried, C., Reyes-García, V., Huanca, T., Leonard, W.R., **McDade, T.W.**, Tanner, S. and V. Vadez. Schooling's contribution to social capital: study from a native Amazonian society in Bolivia. Comparative Education 43: 137-163.
- 2007 Godoy, R., Reyes-García, V., Huanca, T., Leonard, W.R., **McDade, T.W.**, Tanner, S. and C. Seyfried. On the measure of income and the economic unimportance of social capital : Evidence from a native Amazonian society of farmers and foragers. Journal of Anthropological Research 63: 239-260
- 2007 Reyes-García, V., Vadez V., Huanca, T., Leonard, W.R., and **T.W. McDade**. Economic development and local ecological knowledge: A deadlock? Quantitative research from a native Amazonian society. Human Ecology 35: 371-377.
- 2006 Miller, A., Sharrock, K., and **T.W. McDade**. Measurement of leptin in dried blood spot samples. American Journal of Human Biology. 18: 857-60.
- 2006 Godoy, R., Patela, A., Reyes-García, V., Seyfried, C.F., Leonard, W.R., **McDade, T.W.**, Tanner, S., and V. Vadez. Nutritional status and spousal empowerment among native Amazonians. Social Science and Medicine 63: 1517–1530.
- 2006 Godoy, R., Leonard, W.R., Reyes-García, V., Goodman, E., Huanca, T., Tanner, S., **McDade, T.W.**, and V. Vadez. Physical stature of adult Tsimane' Amerindians, Bolivian Amazon in the 20th century. Economics and Human Biology 4: 184-205.
- 2006 **McDade, T.W.**, Hawkley, L.C. and J.T. Cacioppo. Psychosocial and behavioral predictors of inflammation in middle-age and older adults: The Chicago Health, Aging, and Social Relations Study. Psychosomatic Medicine 68: 376-81.
- 2006 Godoy, R., Reyes-García, V., Huanca, T., Leonard, W.R., **McDade, T.W.**, Tanner, S. and V. Vadez. Why do mothers favor girls and fathers boys? A hypothesis and test of intra-household girl-boy investment disparity. Human Nature. 17: 169-89.
- 2006 Godoy, R., Wilkie, D., Reyes-García, V., Leonard, W.R., Huanca, T., **McDade, T.W.**, Vadez, V., and S. Tanner. Human body mass index as a useful proxy to assess the relation between income and wildlife consumption in poor rural societies. Biodiversity and Conservation 15: 4495-4506

- 2006 Shell-Duncan, B., **McDade, T. W.** The cultural ecology of iron deficiency among northern Kenyan schoolchildren. Journal of Human Ecology. Invited for a special issue entitled "Ecology, Culture, Nutrition, Health and Disease," guest editor Dr. Kaushik Bose.
- 2006 Godoy, R.A., Reyes-Garcia, V., **McDade, T.W.**, Huanca, T. Leonard, W.R., Tanner, S., and V. Vadez. Does village inequality in modern income harm the psyche? Anger, fear, sadness, and alcohol consumption in a pre-industrial society. Social Science and Medicine 63: 359–372.
- 2006 Reyes-García, V., Vadez, V., Tanner, S., **McDade, T.W.**, Huanca, T. and W.R. Leonard. Evaluating indices of traditional ecological knowledge: A methodological contribution. Journal of Ethnobiology and Ethnomedicine 2:21-30.
- 2005 **McDade, T.W.**, Leonard, W.R., Burhop, J., Reyes-García, V., Vadez, V., Huanca, T. and R.A. Godoy. Predictors of C-reactive protein in Tsimane' 2-15 year-olds in lowland Bolivia. American Journal of Physical Anthropology 128: 906-913.
- 2005 **McDade, T.W.** The ecologies of human immune function. Annual Review of Anthropology 34: 495-521.
- 2005 **McDade, T.W.** Life history, maintenance, and the early origins of immune function. American Journal of Human Biology 17: 81-94.
- 2005 Godoy, R., Reyes-Garcia, R., Huanca, T., Tanner, S., Leonard, W.R., **McDade, T.W.**, and V. Vadez. Do smiles have a face value? Panel evidence from foragers and farmers in the Bolivian Amazon. Journal of Economic Psychology 26: 469-490.
- 2005 Shell-Duncan, B. and **T.W. McDade**. Cultural and environmental barriers to adequate iron intake among Northern Kenyan schoolchildren. Food and Nutrition Bulletin 26: 39-48.
- 2005 McKenna, J.J. and **T.W. McDade**. Why Babies Should Never Sleep Alone: A Review of the Cosleeping Controversy in Relationship to SIDS, Bedsharing and Breast Feeding. Pediatric Respiratory Review 6: 134-152.
- 2004 **McDade, T.W.** and C.W. Kuzawa. Fetal programming of immune function: The early origins of immunity in Filipino adolescents. In Fetal nutrition and adult disease: Programming of chronic disease through fetal exposure to undernutrition, S.C. Langley-Evans (ed.), pp. 311-332.
- 2004 **McDade, T.W.**, Burhop, J., and J. Dohnal. High sensitivity enzyme immunoassay for C-reactive protein in dried blood spots. Clinical Chemistry 50: 652-654.
- 2004 **McDade, T.W.**, Kuzawa, C., Adair, L.S., and M. Beck. Prenatal and early postnatal environments are significant predictors of IgE concentration in Filipino adolescents. Clinical and Experimental Allergy 34: 44-50.
- 2004 **McDade, T.W.** and C.M. Worthman. Socialization ambiguity in Samoan adolescents: A new model for research in human development and stress in the context of culture change. Journal of Research in Adolescence 14: 49-72.
- 2004 Shell-Duncan, B. and **T.W. McDade**. Use of combined measures from capillary blood to assess iron deficiency in rural Kenyan children. Journal of Nutrition 134: 384-387.
- 2003 **McDade, T.W.** Life history theory and the immune system: Steps toward a human ecological immunology. Yearbook of Physical Anthropology 46: 100-125.

- 2003 **McDade, T.W.** Life event stress and immune function in Samoan adolescents: Toward a cross-cultural psychoneuroimmunology. In Social and Cultural Lives of Immune Systems: Contextualizing Psychoneuroimmunology, Embodying the Social Sciences, J. Wilce (ed.). New York: Routledge, pp. 170-188.
- 2002 **McDade, T.W.** and B. Shell-Duncan. Whole blood collected on filter paper provides a minimally-invasive method for assessing human transferrin receptor. Journal of Nutrition 132: 3760-3763.
- 2002 **McDade, T.W.** Status incongruity in Samoan youth: A biocultural analysis of culture change, stress, and immune function. Medical Anthropology Quarterly 16: 123-150.
- 2001 **McDade, T.W.** Lifestyle incongruity, social integration, and immune function in Samoan adolescents. Social Science and Medicine 53: 1351-1362.
- 2001 **McDade, T.W.**, Beck, M.A., Kuzawa, C. and L.S. Adair. Prenatal undernutrition, postnatal environments, and antibody response to vaccination in adolescence. American Journal of Clinical Nutrition 74: 543-548.
- 2001 **McDade, T.W.**, Beck, M.A., Kuzawa, C. and L.S. Adair. Prenatal undernutrition and postnatal growth are associated with adolescent thymic function. Journal of Nutrition 131: 1225-1235.
- 2001 **McDade, T.W.** and L.S. Adair. Defining the “urban” in urbanization and health: A factor analysis approach. Social Science and Medicine 53: 55-70.
- 2001 **McDade, T.W.** Parent-offspring conflict and the cultural ecology of breastfeeding. Human Nature 12: 9-25.
- 2000 **McDade, T.W.**, Stallings, J.F., Angold, A., Costello, E.J., Bursleson, M., Cacioppo, J.T., Glaser, R. and C.M. Worthman. Epstein-Barr virus antibodies in whole blood spots: A minimally-invasive method for assessing an aspect of cell-mediated immunity. Psychosomatic Medicine 62: 560-568.
- 2000 **McDade, T.W.**, Stallings, J.F. and C.M. Worthman. Culture change and stress in Western Samoan youth: Methodological issues in the cross-cultural study of stress and immune function. American Journal of Human Biology 12: 792-802.
- 1999 **McDade, T.W.** and C.M. Worthman. Evolutionary process and the ecology of human immune function. American Journal of Human Biology 11: 705-717.
- 1998 **McDade, T.W.** and C.M. Worthman. The weanling’s dilemma reconsidered: A biocultural analysis of breastfeeding ecology. Journal of Developmental and Behavioral Pediatrics 19: 286-299.
- 1998 Barrett, R.L., Kuzawa, C., **McDade, T.W.** and G.J. Armelagos. Emerging and re-emerging infectious diseases: The third epidemiologic transition. Annual Review of Anthropology 27: 247-271.
- 1996 **McDade, T.W.** Prostates and profits: The social construction of benign prostatic hyperplasia in American men. Medical Anthropology 17: 1-22.

PUBLICATIONS, NON-PEER REVIEWED (pre-prints, working papers, invited commentaries, reports, and book reviews)

- 2021 **McDade, T.W.**, Sancilio, A., D'Aquila, R., Mustanski, B., Vaught, L.A., Reiser, N.L., Velez, M.P., Hsieh, R.R., Ryan, D.T., Saber, R. and McNally, E.M., 2021. Low levels of protective humoral immunity following mild or asymptomatic infection with SARS-CoV-2 in a community-based serological study. [medrxiv 2021.03.19.21253982](#).
- 2021 **McDade, T.W.**, Schrock, J., D'Aquila, R., Mustanski, B., Benbow, N., Vaught, L., Reiser, N., Velez, M., Hsieh, R., and Ryan, D. Symptoms of COVID-19 infection and magnitude of antibody response in a large community-based study. [medRxiv 2021.02.04.21251170](#).
- 2021 Schrock, J.M., Ryan, D.T., Saber, R., Benbow, N., Vaught, L.A., Reiser, N., Velez, M.P., Hsieh, R., Newcomb, M.E., Demonbreun, A.R., Mustanski, B., McNally, E.M., D'Aquila, R. and **T.W. McDade**. Exposure to SARS-CoV-2 within the household is associated with greater symptom severity and stronger antibody responses in a community-based sample of seropositive adults. [medRxiv 2021.03.11.21253421](#).
- 2021 Demonbreun, A.R., Sancillo, A., Vaught, L.A., Reiser, N.L., Pesce, L., McNally, E.M. and **T.W. McDade**. Antibody titers before and after booster doses of SARS-CoV-2 mRNA vaccines in healthy adults. [medRxiv. 2021.11.19.21266555](#).
- 2021 Sancilio, A., D'Aquila, R., McNally, E., Velez, M., Ison, M., Demonbreun, A.R., and **McDade, T.W.** A surrogate virus neutralization test to quantify antibody-mediated inhibition of SARS-CoV-2 in finger stick dried blood spot samples. [medRxiv 2021.02.14.21251709](#)
- 2020 Demonbreun, A.R., **McDade, T.W.**, Pesce, L., Vaught, L.A., Reiser, N.L., Bogdanovic, E., Velez, M.E., Hsieh, R.R., Klaisner, C.-N., and Simons, L.M. Patterns and persistence of SARS-CoV-2 IgG antibodies in a US metropolitan site. [medRxiv 2020.11.17.20233452](#)
- 2020 **McDade, T.W.**, McNally, E., D'Aquila, R.T., Mustanski, B., Miller, A., Vaught, L., Reiser, N., Bogdanovic, E., Zelikovich, A., and Demonbreun, A. High seroprevalence for SARS-CoV-2 among household members of essential workers detected using a dried blood spot assay. [medRxiv 2020.06.01.20119602](#)
- 2020 **McDade, T.W.**, McNally, E., D'Aquila, R.T., Mustanski, B., Miller, A., Vaught, L., Reiser, N., Bogdanovic, E., Zelikovich, A., and Demonbreun, A. Enzyme immunoassay for SARS-CoV-2 antibodies in dried blood spot samples: A minimally-invasive approach to facilitate community-and population-based screening. [medRxiv 2020.04.28.20081844](#)
- 2020 **McDade, T.W.** Letter to the editor in support of data sharing, with caveats. [American Journal of Physical Anthropology 172: 340-340](#).
- 2013 Gennetian, L., Ludwig, J., **McDade, T.W.** and L. Sanbonmatsu. Why concentrated poverty matters. [Pathways Spring: 10-13](#).
- 2013 Dowd, J.B., Palermo, T., Chyu, L., Adam, E. and **T.W. McDade**. Reply to: Childhood adversity and cell-mediated immunity in young childhood. [Brain, Behavior, and Immunity 34: 176](#).
- 2011 Sanbonmatsu, L., Ludwig, J., Katz, F., Gennetian, L.A., Duncan, G.J., Kessler, R.C., Adam, E.K., **McDade, T.W.** and S.T. Lindau. Impacts of the Moving to Opportunity for Fair Housing Demonstration Program after 10-15 Years. Volume 1: Neighborhoods, housing, health and economic self-sufficiency. Report to U.S. Department of Housing and Urban Development.

- 2010 **McDade, T.W.** The state and future of blood-based biomarkers in the Health and Retirement Study. Commissioned paper for the NIA Data Monitoring Committee.
- 2008 **McDade, T.W.** and M. Hayward. Infectious disease and related measures for the Panel Study of Income Dynamics. Report prepared in advance of planning meeting held in Ann Arbor, December 2008.
- 2008 **McDade, T.W.** Challenges and opportunities for integrative health research in the context of culture: A commentary on Gersten (Neuroendocrine biomarkers, social relations, and the cumulative costs of stress in Taiwan). *Social Science and Medicine* 66: 520-4.
- 2008 Fomovska, A., **McDade, T.W.**, Williams, S., Lindau, S.T. Hemoglobin measurement in wave I of the National Social Life, Health & Aging Project (NSHAP). NORC and the University of Chicago.
- 2008 Gomero, A., **McDade, T.W.**, Williams, S., Lindau, S.T. Dried blood spot measurement of glycosylated hemoglobin (HbA1c) in wave 1 of the National Social Life, Health & Aging Project (NSHAP). NORC and the University of Chicago.
- 2008 Mihai, A., **McDade, T.W.**, Williams, S., Lindau, S.T. Blood spot measurement of Epstein Barr virus antibody titers in wave I of the National Social Life, Health & Aging Project (NSHAP). NORC and the University of Chicago.
- 2008 Nallanathan, B., Williams, S., **McDade, T.W.**, Lindau, S.T. Dried blood spot measurement of C-reactive protein in wave I of the National Social Life, Health & Aging Project (NSHAP). NORC and the University of Chicago.
- 2008 **McDade, T.W.** Book review: *Evolution in Health and Disease, 2nd edition*, Stearns. S.C. and J.C. Koella (eds.). *American Journal of Human Biology* 20: 738-43.
- 2008 **McDade, T.W.** Book review: *Health Change in the Asia-Pacific Region: Biocultural and Epidemiological Approaches*, Ohtsuka, R. and S.J. Ulijaszek (eds.). *American Journal of Physical Anthropology* 137: 242.
- 1999 **McDade, T.W.** Book review: *Rickettsial Infection and Immunity*, Anderson, B., Friedman, H. and , M. Bendinelli (eds.). *Quarterly Review of Biology* 74(1): 77-78.
- 1997 **McDade, T.W.** and P.J. Brown. Epidemics. In *The Blackwell Dictionary of Anthropology*, Barfield, T.J. (ed). Oxford: Blackwell.

PROFESSIONAL PRESENTATIONS WITH PUBLISHED ABSTRACTS

- 2021 Aronoff, J.E., Kuzawa, C.W. and **T.W. McDade**. Gene expression profiles indicating inflammation and glucocorticoid resistance during pregnancy predict greater offspring adiposity shortly after birth in Cebu, Philippines. *American Journal of Human Biology* 33.
- 2021 Sancilio, A., Hoyt, L.T., **McDade, T.W.**, Dull, B. and A.K. Cohen. Predictors of seroprevalence of SARS-CoV-2 antibodies in American college students. *American Journal of Human Biology* 33.
- 2020 Ryan, C.P., Jones, M.J., Borja, J.B., Kobor, M.S., **McDade, T.W.** and C.W. Kuzawa. Testing for costs of reproduction using a new 'epigenetic clock' of all-cause mortality in a cohort of young women in the Philippines. *American Journal of Human Biology* 32.

- 2020 Perez, J. and **T.W. McDade**. Investigation of DNA methylation of vitamin D receptor genes as a mediator between childhood environmental exposures and vitamin D production in young adulthood in Cebu City. American Journal of Human Biology 32.
- 2020 Sancilio, A., Kuzawa, C., Adair, L. and **T.W. McDade**. Cytokine response to influenza vaccination as a model of in-vivo inflammatory stimulation. American Journal of Human Biology 32.
- 2020 Miller, A.A. and **T.W. McDade**. The measurement of leptin in dried blood spots and its application in a sample of Filipino women. American Journal of Human Biology 32.
- 2020 Butler, M.S., Koning, S.M., Young, S.L., Kuzawa, C.W., Borja, J. and **T.W. McDade**. Excessive inflammation during pregnancy among low socioeconomic status women from Cebu City, the Philippines. American Journal of Human Biology 32.
- 2020 Gibbs, JK., **McDade, T.W.** and M.A. Schillaci. Sexual orientation disparities in adult male stature are not due to prenatal androgen exposure: Evidence from the Cebu Longitudinal Health and Nutrition Survey. American Journal of Physical Anthropology 171.
- 2020 Ryan, C.P., Lin, D.S., Kobor, M.S., **McDade, T.W.** and C.W. Kuzawa. DNA methylation measurements using dried blood spots on the Illumina EPIC array yield high quality data comparable to whole blood measured using the 450k array. American Journal of Physical Anthropology 171.
- 2020 Amato, K.R., Kuthyar, S., Pradhan, P., Carba, D., Borja, J., **McDade, T.W.** and C.W. Kuzawa. Early life environments predict gut microbiome composition of adult women in Cebu, Philippines. American Journal of Physical Anthropology 171.
- 2019 Perez, J. and **T.W. McDade**. Environment, epigenetics, and vitamin D in Cebu City, the Philippines. American Journal of Human Biology 31 (2).
- 2019 Butler, M.S., Koning, S.M., Kuzawa, C.W., Borja, J. and **T.W. McDade**. Associations between depression, inflammation, and stress in mothers from a pregnancy cohort in Cebu City, the Philippines. American Journal of Human Biology 31 (2).
- 2019 Rosenbaum, S., Kuzawa, C.W., **McDade, T.W.**, Agustin, S. and L.T. Gettler. Household structure is not related to men's salivary T values in Cebu, Philippines. American Journal of Human Biology 31 (2).
- 2019 Aronoff, J.E., **McDade, T.W.**, Leonard, W.R. and C.W. Kuzawa. Adiposity rebound in the Tsimane': A comparison across time and populations. American Journal of Human Biology 31 (2).
- 2019 Rosenbaum, S., **McDade, T.W.**, Agustin, S., Kuzawa, C.W., and L.T. Gettler. Facultative fatherhood? Parental and alloparental caretaking tradeoffs in Cebu, the Philippines. American Journal of Physical Anthropology 168: 208-208.
- 2018 Ryan, C.P., Jones, M.J., M.S., J.B., **McDade, T.W.**, and C.W. Kuzawa. Genome-wide DNA-methylation is associated with pregnancy and lactation and mediated by changes in blood cell composition in young Filipino women. American Journal of Human Biology 30 (2).
- 2018 Ragsdale, H.B., Kuzawa, C.W., J. and **T.W. McDade**. Inflammatory cytokines in pregnancy and birth outcomes in the Philippines. American Journal of Human Biology 30 (2).

- 2018 Kim, A., McDade, T.W., Borja, J. and C.W. Kuzawa. Early life social experiences as predictors of depression in Cebu, Philippines: Investigating the mediating roles of the HPA axis and DNA methylation. American Journal of Human Biology 30 (2).
- 2018 Aronoff, J., Kuzawa, C.W., J. and **T.W. McDade**. Associations between cortisol and C-reactive protein in Cebu, Philippines: C-reactive protein correlated positively with waking cortisol and negatively with diurnal slope. American Journal of Human Biology 30 (2).
- 2018 Kuzawa, C., **McDade, T.W.**, Rosenbaum, S., J.B. and L.T. Gettler. Is the decline in testosterone with pairbonding or fatherhood attenuated as men age? The challenge of disentangling biology and selection in longitudinal analysis. American Journal of Human Biology 30 (2).
- 2018 Tennyson, R., Wander, K., **McDade, T.W.**, Shell-Duncan, B. and D.T.A. Eisenberg. An ADHD-associated polymorphism in the DRD4 gene and nutritional status among Rendille children in northern Kenya. American Journal of Human Biology 30 (2).
- 2018 Rosenbaum, S., Gettler, L.T., Borja, J.B., **McDade, T.W.** and C.W. Kuzawa. Does men's testosterone rebound as parenting duties decline, or when pairbonds dissolve? American Journal of Human Biology 30 (2).
- 2017 Sievert, L.L., Kyweluk, M.A., L., Cahuich-Campos, D., **McDade, T.W.** and D.E. Brown. Variation in levels of AMH by Maya ethnicity in Campeche, Mexico. Menopause 24: 1441.
- 2017 Hoke, M., McCabe, K., Miller, A. and **T.W. McDade**. Measurement of endotoxin-core antibodies in dried blood spots: A minimally invasive measure of environmental enteropathy in Peruvian infants. The FASEB Journal 31: 968.12.
- 2017 Barrett, T.M., Kuzawa, C.W., Borja, J.B. and **T.W. McDade**. Inflammatory response to influenza vaccination predicts cardiovascular health among middle-aged women in the Philippines. American Journal of Human Biology 29: 2.
- 2017 Hoke, M., Miller, A. and **T.W. McDade**. An examination of endotoxin core antibodies from dried blood spots as a marker of environmental enteropathy and intestinal permeability. American Journal of Human Biology 29: 2.
- 2017 Kuzawa, C., Georgiev, A., Borja, J., and **T.W. McDade**. Do human mothers shield offspring from oxidative stress? Evidence from Cebu, Philippines. American Journal of Human Biology 29: 2.
- 2017 Ryan, C.P., **McDade, T.W.**, Gettler, L.T., Eisenberg, D.T., Rzhetskaya, M., Hayes, M.G., and C.W. Kuzawa. Androgen receptor CAG repeat polymorphism and hypothalamic-pituitary-gonadal function in Filipino young adult males. American Journal of Human Biology 29: 2.
- 2016 **McDade, T.W.**, Ryan, C., Fried, R., Jones, M., Kobor, M. and C.W. Kuzawa. Early origins of inflammation: Does DNA methylation mediate the association between nutritional and microbial environments in infancy and the regulation of inflammation in young adulthood? American Journal of Human Biology 28: 286-287.
- 2016 Fried, R.L., Lee, N.R., **McDade, T.W.** and CW Kuzawa. Maternal glucose status (HbA (1c)) during pregnancy and offspring birth outcomes in Cebu, Philippines. American Journal of Human Biology 28: 277-278.
- 2016 Ryan, C.P., Georgiev, A., **McDade, T.W.**, Gettler, L.T., Eisenberg, D.T.A., Hayes, M.G. and C.W. Kuzawa. Variation in the androgen receptor modulates the relationship between

- testosterone and sexually dimorphic traits in adult males. American Journal of Human Biology 28: 294-295.
- 2016 Georgiev, A.V., Ryan, C.P., Gettler, L.T., McDade, T.W. and C.W. Kuzawa. Prenatal androgen exposure (2D: 4D) and its relationship to early growth and adult reproductive effort in men from Cebu, The Philippines. American Journal of Physical Anthropology 159: 153.
- 2015 McCabe, K.A., Kuzawa, C.W. and T.W. McDade. Pathogenic exposures and infectious morbidity in infancy are associated with adult stature and BMI in a Filipino birth cohort. American Journal of Human Biology 27: 276.
- 2015 Miller, A.A., Aiello, M.O., Leonard, W.R., Reyes-Garcia, V., Huanca, T., **McDade, T.W.** and R.A. Godoy. Longitudinal changes in hemoglobin levels and rates of anemia among the Tsimane' of lowland Bolivia. American Journal of Human Biology 27: 278.
- 2014 **McDade, T.W.,** Lee, N., Perez, J. and C. Kuzawa. Prenatal and postnatal environments as predictors of C-reactive protein during pregnancy in the Philippines. American Journal of Human Biology 26: 273.
- 2014 Wilson, H.J., Leonard, W.R., McDade, T.W., Tanner, S. and V. Reyes-Garcia. Influence of village market integration on children's nutritional status in the Tsimane' of Bolivia. American Journal of Human Biology 26: 285-286.
- 2014 Miller, A.A., Leonard, W.R., **McDade, T.W.,** Reyes-Garcia, V., and T. Huanca. The effect of pregnancy status on leptin levels in the Tsimane'. American Journal of Human Biology 26: 273-274.
- 2014 McCabe, K.A., Kuzawa, C.W., and T.W. McDade. Pathogenicity alone does not explain the relationship between early life microbial exposures and adult inflammation. American Journal of Human Biology 26: 272-273.
- 2014 Gettler, L.T., Agustin, S.S., Feranil, A.B., **McDade, T.W.** and C.W. Kuzawa. Sociosexuality in Cebu (Philippines): Variation by life history status and paternal care but no correlation to testosterone. American Journal of Physical Anthropology 153: 124.
- 2014 Workman, M., Adair, L.S., Borja, J., McDade, T.W. and C.W. Kuzawa. Assessment of skeletal muscle mass as a pathway linking early growth to adult diabetes risk in Cebu City, Philippines. American Journal of Physical Anthropology 153: 277.
- 2013 Funk, W.E., Sauter, D.J., Olshan, A.F. and **T.W. McDade.** Development of a method for assessing perinatal exposures to heavy metals using residual dried blood spots from newborn screening programs. American Chemical Society: 245.
- 2013 Miller, E.M., McConnell, D.S., and T.W. McDade. Concordant maternal-infant immunity among the Ariaal of Kenya. American Journal of Human Biology 25: 267.
- 2013 Gettler, L.T., Agustin, S.S., Feranil, A.B., **McDade, T.W.** and C.W. Kuzawa. Testosterone, immune function, and life history transitions in the Philippines. American Journal of Physical Anthropology 150: 129.
- 2013 Madimenos, F.C., Liebert, M.A., Cepon, T.J., Tallman, P. Snodgrass, J.J. and **T.W. McDade.** Determining ovarian follicle reserve from Anti-Mullerian hormone as detected using dried blood spots gathered in a remote field setting. American Journal of Physical Anthropology 150: 185-186.

- 2012 **McDade, T.W., Bragg, J.M.,** Kuzawa, C.W., Chyu, L. and E.K. Adam. Environmental risk, perceived mortality risk, and facultative adjustment of life history strategy among young adults in the United States. American Journal of Physical Anthropology 147.
- 2012 Bragg, J., Banerjee, M.N., McDade, T.W. and C.W. Kuzawa. Evaluating developmental plasticity in ovarian reserve: Infancy and childhood growth and anti-Mullerian hormone (AMH) in young adult Filipino women. American Journal of Human Biology 24: 220-1.
- 2012 Gettler, L.T., McDade, T.W., Feranil, A.B. and C.W. Kuzawa. Is there a prolactin paradox in human males? Prolactin, fatherhood, and reproductive behavior in a large sample of Filipino men. American Journal of Human Biology 24: 225.
- 2012 Hoke, M.K., Kuzawa, C.K. and **T.W. McDade.** The relationship between adverse childhood environment and adult inflammation and immune dysregulation: The Cebu Longitudinal Health and Nutrition Survey (CLHNS). American Journal of Human Biology 24: 227.
- 2012 Kuzawa, C.K., Gettler, L.T., Thayer, Z.M. and **T.W. McDade.** The Testosterone Awakening Drop: Rapid postwaking decline in testosterone in males and females. American Journal of Human Biology 24: 230-1.
- 2012 Tallman, P.S., Liebert, M.A., Madimenos, F.C., Cepon, T.J., Sugiyama, L.S., Snodgrass, J.J., and T.W. McDade. The Shuar Life History and Health Project: Somatic symptoms in the Shuar of the Ecuadorian Amazon, “idioms of distress,” immune dysregulation, or both? American Journal of Human Biology 24: 244-5.
- 2012 Tanner, S., Leonard, W.R., **McDade, T.W.,** Reyes-Garcia, V., Huanca, T. and Bolivian TAPS Study Team. The relationship between height and later body composition in the Bolivian Amazon. American Journal of Human Biology 24: 246.
- 2011 Tallman, P.S., McDade, T.W., Kuzawa, C. and Y. Huang. Ecology of inflammation: immunoglobulin E and interleukin-4 in young Filipino adults. American Journal of Human Biology 23: 279.
- 2011 Tanner, S., Rosinger, A., Godoy, R., Leonard, W.R. **McDade, T.W.,** Reyes-Garcia, V. and T. Huanca. Functional consequences of adult malnutrition and parasitic infection among the Tsimane’ of lowland Bolivia. American Journal of Human Biology 23: 279-80.
- 2011 Bragg, J.M., Banerjee, M., Kuzawa, C.W. and **T.W. McDade.** Relationship between menarcheal age, parity and anti-mullerian hormone (AMH) level, a marker of ovarian reserve, among young adult Filipino women. American Journal of Human Biology 23: 253-4.
- 2011 Gettler, L.T., Agustin, S.S., T.W. McDade and C.W. Kuzawa. Longitudinal changes in testosterone among men transitioning to fatherhood in the Philippines. American Journal of Human Biology 23: 260.
- 2010 **McDade, T.W.,** Kuzawa, C.W., Huang, Y. and L. Adair. Early origins of inflammation: Prenatal and postnatal environments predict pro- and anti-inflammatory cytokines in young Filipino adults. American Journal of Human Biology 22: 262.
- 2010 Nyberg, C., Tanner, S., **McDade, T.W.** and W.R. Leonard. Elevated diurnal cortisol rhythms predict growth stunting among Tsimane’ children. American Journal of Human Biology 22: 265.
- 2010 Midttveit, E.C, McClure, H.H., Snodgrass, J.J., **McDade, T.W.,** Martinez, C.R., Eddy, J.M., Jimenez, R.A. and L.E. Isiordia. Body composition and lifestyle correlates of high sensitivity

- C-reactive protein among Latino immigrants in Oregon. American Journal of Human Biology 22: 263.
- 2010 Kuzawa, C.W. and **T.W. McDade**. Testosterone and male life history: Evidence for developmental adaptation in the Philippines. American Journal of Human Biology 22: 259.
- 2009 Nyberg, C., McDade, T.W., Leonard, W.R., Tanner, S., and T. Huanca. Market integration, stress, and child health among the Tsimane' of the Bolivian Amazon. American Journal of Human Biology 21: 262-3.
- 2009 Huang, Y. and **T.W. McDade**. Measurement of inflammatory cytokines in dried blood spot samples by multiplex immunoassay. American Journal of Human Biology 21: 257.
- 2009 Rutherford, J.N., McDade, T.W., Adair, L. and C. Kuzawa. Menopause is associated with decreased adiposity but elevated CRP in Filipino women. American Journal of Human Biology 21: 267.
- 2008 **McDade, T.W.** Fat, pathogens, and C-reactive protein: A comparative, life history perspective on the developmental ecology of inflammation. American Journal of Human Biology 20: 227.
- 2008 Aiello, M.O., Leonard, W.R., McDade, T.W., Godoy, R.A., Reyes-Garcia, V., Vadez, V. and T. Huanca. Tsimane' children's contribution to household subsistence. American Journal of Human Biology 20: 213.
- 2008 Nyberg, C., Leonard, W.R., McDade, T.W., Tanner, S. Reyes-Garcia, V., and T. Huanca. Multilevel modeling of longitudinal growth data from the Tsimane' of the Bolivian Amazon. American Journal of Human Biology 20: 229.
- 2008 Sweet, E. and T.W. McDade. Cultural dimensions of stress and salivary cortisol among urban African American adolescents. American Journal of Human Biology 20: 234.
- 2007 Aiello, M.O., Leonard, W.R., McDade, T.W., Godoy, R., Reyes-Garcia, V. and T. Huanca. Seasonal variation in CRP levels and other measures of health status in school and Tsimane' children. American Journal of Human Biology 19: 246-7.
- 2007 Miller, A.A., Leonard, W.R., McDade, T.W., Godoy, R., Reyes-Garcia, V., Huanca, T., and L. Witt. Seasonal variation in leptin levels among the Tsimane' of lowland Bolivia. American Journal of Human Biology 19: 267.
- 2007 Sharrock, K.C.B., Kuzawa, McDade, T.W., Leonard, W.R., Tanner, S., Reyes-Garcia, V., Vadez, V., Huanca, T. and R. Godoy. Developmental changes in the relationship between adiposity and leptin in Tsimane' children and adolescents. American Journal of Human Biology 19: 277.
- 2007 Tanner, S., McDade, T.W., Leonard, W.R., Reyes-Garcia, V., Huanca, T., and V. Vadez. Relationship between immunoglobulin E and body composition among the Tsimane' of lowland Bolivia. American Journal of Human Biology 19: 282.
- 2007 Vento, M., Leonard, W.R., McDade, T.W., Godoy, R., Reyes-Garcia, V., Huanca, T., and L. Witt. Influence of lifestyle change and disease load on CRP levels among Tsimane' adults of lowland Bolivia. American Journal of Human Biology 19: 285-6.
- 2006 Witt, W.P., Pickard, S., Kuzel, T., **McDade, T.W.**, Perry, S., Hung, S., Zagory, J., Lin, H., Costello, S., Colella, K. and C.L. Bennett. Relationship between biological and self-reported

- measures of stress among informal caregivers of patients with prostate cancer. Journal of Clinical Oncology 24: 18506.
- 2006 Aiello, M.O., Leonard, W.R., McDade, T.W., Godoy, R.A., Reyes-Garcia, V., Vadez, V. and T. Huanca. Variation in subjective and objective measures of health among Tsimane' Amerindians: A longitudinal study of school aged children. American Journal of Human Biology 18: 251.
- 2006 Quinn, E.A., Kuzawa, C.W., McDade, T.W., and L.S. Adair. Effects of infant feeding method at two and four months of life on male and female adolescent leptin concentrations. American Journal of Human Biology 18: 268.
- 2006 Sharrock, K., McDade, T.W., Leonard, W.R., Tanner, S., Reyes-Garcia, V., Vadez, V. and T. Huanca. Leptin, nutritional status, and child growth among the Tsimane' of lowland Bolivia. American Journal of Human Biology 18: 273.
- 2006 Tanner, S., Leonard, W.R., McDade, T.W., Reyes-Garcia, V., Huanca, T., and V. Vadez. Intestinal helminth infections and anthropometric status among Tsimane' adults in Bolivia. American Journal of Human Biology 18: 276-7.
- 2006 **McDade, T.W.,** Reyes-Garcia, V., Leonard, W.R., Tanner, S., Nyberg, C., Vadez, V., Godoy, R.A., and T. Huanca. Ethnoecological knowledge and child health in lowland Bolivia. American Journal of Physical Anthropology Suppl 42: 128.
- 2006 Snodgrass, J.J., Williams, S.R., and T.W. McDade. Measurement of human pituitary hormones in dried blood spots by multiplex immunoassay. American Journal of Physical Anthropology Suppl 42: 168.
- 2006 Tanner, S., Huanca, T., Reyes-Garcia, V., Vadez, V., Leonard, W.R., and T.W. McDade, T.W. Culture change and helminthiasis among the Tsimane' of lowland Bolivia. American Journal of Physical Anthropology Suppl 42: 174.
- 2005 **T.W. McDade,** Leonard, W.R., Reyes-Garcia, V., Vadez, V. and T. Huanca. Maintenance vs. growth: Modeling the costs of immune activation for children in lowland Bolivia. American Journal of Human Biology 17: 250.
- 2005 Wu, R., McDade, T.W., Leonard, W.R., Aiello, M., Lindsay, K., Miller, A., Reyes-Garcia, V., Vadez, V., Godoy, R., Tanner, S. and T. Huanca. Anemia, iron deficiency, and infection in lowland Bolivia. American Journal of Human Biology 17: 262.
- 2005 Hicks, K., McDade, T.W., Leonard, W.R., Burhop, J., Reyes-Garcia, V., Vadez, V., Huanca, T. and R. Godoy. Seasonal variation in C-reactive protein among the Tsimane' of lowland Bolivia. American Journal of Human Biology 17: 243-4.
- 2005 Sweet, E., McDade, T.W., and K. Liu. Skin color, social status, and blood pressure among African Americans the CARDIA study. American Journal of Human Biology 17: 257-8.
- 2004 **McDade, T.W.** Human ecological immunology: Challenges and opportunities. Presentation in invited session: "Human Ecological Immunology: Models and Methods for Future Research." American Journal of Physical Anthropology Suppl 38: 145.
- 2004 **McDade, T.W.** Life history and the developmental ecology of immune function.. Presentation in plenary session: "The Fetal Origins of Developmental Plasticity: Life History, Adaptation, and Disease." American Journal of Human Biology 16: 234.

- 2004 Hicks, K., Vitzthum, V.J., Leonard, W.R., Burhop, J., Aroz, M., Barragan, L., Reyes-Garcia, V., Vadez, V., Huanca, T., Godoy, R., and **T.W. McDade**. A comparison of C-reactive protein levels in adolescents from lowland and highland Bolivia. American Journal of Human Biology 16:208.
- 2004 Tanner, S., Reyes-Garcia, V., Vadez, V., Huanca, T., Leonard, W.R., **McDade, T.W.**, Godoy, R., Aiello, M.O., and K. Hicks. Anthropometrics and gastrointestinal parasitic infections among the Tsimane' of Bolivia. American Journal of Human Biology 16: 227.
- 2003 **McDade, T.W.**, Leonard, W.R., Burhop, J., Reyes-Garcia, V., Vadez, V., Huanca, T. and R.A. Godoy. Acculturation, C-reactive protein, and child growth in lowland Bolivia. American Journal of Human Biology 15: 273-4.
- 2003 Lindsay, K.M., Miller, A., Aiello, M.O., Leonard, W.R., **McDade, T.W.**, Godoy, R.A., Reyes-Garcia, V., Vadez, V., and T. Huanca. Variation in hemoglobin levels and rates of anemia among the Tsimane of lowland Bolivia. American Journal of Human Biology 15: 271.
- 2002 **McDade, T.W.** Minimally-invasive methods for assessing stress and immune function. Presentation at the invited workshop: "Measuring Stress." American Journal of Human Biology 14: 121.
- 2002 Shell-Duncan, B. and **T.W. McDade**. Evaluation of low dietary iron as a nutritional adaptation to infectious disease. American Journal of Physical Anthropology Suppl 34: 140.
- 2001 **McDade, T.W.** and B. Shell-Duncan. Ecology of iron deficiency and immune function in northern Kenya. American Journal of Physical Anthropology Suppl 32: 106.
- 2001 **McDade, T.W.**, Beck, M.A., Kuzawa, C.W., and L.S. Adair. Long term effects of prenatal and early postnatal experience on adolescent immune function. American Journal of Human Biology 13: 132.
- 2000 **McDade, T.W.** and C.M. Worthman. Lifestyle incongruity, social integration, and immune function in Western Samoan adolescents. American Journal of Human Biology 12: 279.
- 2000 **McDade, T.W.**, Adair, L.S. and M.A. Beck. Long-term effects of early growth restriction on immune function in Filipino adolescents. FASEB Journal 14(4): A792.
- 1999 **McDade, T.W.**, Stallings, J.F. and C.M. Worthman. Culture change and stress in Western Samoan youth: Methodological issues in the cross-cultural study of stress and immune function. American Journal of Human Biology 11: 123.
- 1998 **McDade, T.W.**, Shell-Duncan, B., Worthman, C.M. and J.F. Stallings. Methodological and conceptual issues in field studies of cell-mediated immune function. American Journal of Human Biology 10: 131.
- 1997 **McDade, T.W.** Evolutionary process and the ecology of human immune function. American Journal of Human Biology 9: 138.
- 1997 **McDade, T.W.**, Stallings, J.F., and C.M. Worthman. Psychosocial stress and cell-mediated immune function: Validation of a blood spot method for Epstein-Barr virus antibodies. American Journal of Physical Anthropology Suppl 24: 164-165.
- 1996 **McDade, T.W.**, Worthman, C.M., Rilling, J.K., Stallings, J.F., and A. Angold. Stress, gender, depression and immune function in American adolescents. American Journal of Physical Anthropology Suppl 22: 162.

- 1996 Worthman, C.M. and **T.W. McDade**. Anthropology meets immunology: A developmental-adaptationist model of immunocompetence. American Journal of Physical Anthropology Suppl 22: 247-248.
- 1995 **McDade, T.W.**, Angold, A., Costello, E.J., Stallings, J.F., and C.M. Worthman. Physiologic bases of individual variation in pubertal timing and progression: A report from the Great Smoky Mountain Study. American Journal of Physical Anthropology Suppl 20: 148.

OTHER PROFESSIONAL PRESENTATIONS

- 2021 **McDade, T.W.** Community or clinic? Generating insights into COVID-19 transmission, severity, and response to vaccination with at-home antibody testing. Invited speaker, CoVaxGen Research Network, October 11.
- 2021 **McDade, T.W.** Generating insights into the origins of health inequalities at the interface of the biological and social sciences. Invited speaker, Center for Population, Inequality, & Policy, UC Irvine, October 5.
- 2021 **McDade, T.W.** Biosocial 2.0: Future directions for research at the interface of the biological and social sciences. Invited speaker, Carolina Population Center Interdisciplinary Research Seminar Series, October 1.
- 2021 **McDade, T.W.** Models and methods for research at the intersection of the biological and social sciences. Cancer Control and Survivorship speaker series, Robert H. Lurie Comprehensive Cancer Center, Northwestern University, September 20.
- 2020 **McDade, T.W.** Expanding options for remote blood collection to facilitate community-based biobehavioral research. Invited speaker, session on “Biomarkers During Covid-19 Times and Thereafter,” American Psychosomatic Society, December 3.
- 2020 **McDade, T.W.** Quantitative serological testing for SARS-CoV-2 antibodies in dried blood spots. Invited speaker, NIA Biomarker Network, October 2.
- 2020 **McDade, T.W.** Quantitative serological testing for SARS-CoV-2 antibodies in dried blood spots. Invited speaker, Institute for Global Health, May 1.
- 2020 **McDade, T.W.** Science is the exit strategy: Community-based approaches to COVID-19 screening. CIFAR Virtual Talk, April 30.
- 2020 Koning, S. and **T.W. McDade**. The role of early life environments in US socioeconomic inequities in adult chronic inflammation. Invited speaker, NIA Biomarker Network, June 16.
- 2020 **McDade, T.W.** Biosocial 2.0: Future directions for integrating biological measures into population-based research. Invited speaker, Population Research Center, University of Texas Austin, February 21.
- 2020 **McDade, T.W.** Three common assumptions about chronic inflammation that are probably wrong. Invited speaker, Evolution and Human Adaptation Program (EHAP) and the Research Center for Group Dynamics (RCGD), University of Michigan, February 10.
- 2020 **McDade, T.W.** Three common assumptions about inflammation and aging that are probably wrong. Invited speaker, Population Research Institute (DuPRI), Duke University, January 16.
- 2020 **McDade, T.W.** Generating insights into health inequities at the intersection of the biological and social sciences. Invited speaker, Center for Health Equity and Transformation (CHET), Feinberg School of Medicine, Northwestern University, Chicago, IL, January 7.

- 2019 **McDade, T.W.** Challenges and opportunities at the interface of the biological and social sciences. Invited speaker, Institute for Policy Research, Northwestern University, Evanston, IL, November 4.
- 2019 **McDade, T.W.** Challenges and opportunities at the interface of the biological and social sciences. Invited speaker, Zilber School of Public Health, University of Wisconsin Milwaukee, October 28.
- 2019 **McDade, T.W.** Invited discussant, “Minimally Invasive Biomarkers in Human Population Biology Research: State of the Science and Future Directions.” Annual meeting of the American Association of Physical Anthropologists, Cleveland, OH, March 30.
- 2019 **McDade, T.W.** Three common assumptions about inflammation and aging that are probably wrong. Invited speaker, NORC/PRC Demography Workshop, University of Chicago, Chicago, IL, October 24.
- 2019 **McDade, T.W.** Three common assumptions about inflammation and aging that are probably wrong. Invited speaker, Robert N. Butler Aging Center, Mailman School of Public Health, Columbia University, New York, NY, October 22.
- 2019 **McDade, T.W.** From ecology to epigenetics: Investigating the long term effects of nutritional and microbial environments in infancy on the regulation of inflammation in adulthood. Invited speaker, Center for Neurobehavioral Development, University of Minnesota, February 12.
- 2018 **McDade, T.W.** Early environments and the “eco-logics” of inflammation: Insights from comparative human biology into the links among ecology, inflammation, and disease. Invited speaker, Department of Biobehavioral Health, Pennsylvania State University, October 29.
- 2018 **McDade, T.W.** Biosocial linkages across the life course. Invited speaker, plenary session of the annual meeting of the International Association for Population Health Science, October 4.
- 2018 **McDade, T.W.** From ecology to epigenetics: Investigating the long term effects of nutritional and microbial environments on the regulation of inflammation. Invited speaker, Department of Population Health Sciences, University of Wisconsin School of Medicine and Public Health, February 12.
- 2017 **McDade, T.W.** Early environments, the regulation of inflammation, and implications for health within and across generations. Invited speaker, Early Environments, Health, and the Microbiome Workshop, University of Wisconsin, Madison, May 11.
- 2017 **McDade, T.W., Ryan, C., Hoke, M., Jones, M., Borja, J., Miller, G., Kobor, M.S. and C.W. Kuzawa.** Socioeconomic adversity and DNA methylation in the Cebu Longitudinal Health and Nutrition Survey: Evaluating sensitive periods of exposure. Invited speaker, Biomarker Network Meeting, Chicago, IL, April 26.
- 2017 **McDade, T.W.** El entorno infantil, la inflamación, y la transmisión de salud en una generación o a través de generaciones. Invited speaker, Departamento de Ecología Humana, Centro de Investigación y de Estudios Avanzados, Merida, Mexico, March 3.
- 2016 **McDade, T.W.** Human biology “in the wild”—A developmental and ecological approach to investigating the regulation of inflammation. Invited speaker, Department of Molecular Biosciences, Northwestern University, December 9.

- 2016 **McDade, T.W.** and G. Miller. Regulation of inflammation and the intergenerational transmission of social disparities in health. Invited presentation, Maternal Environment Workshop, Health Inequality Network, University of Chicago, November 18.
- 2016 **McDade, T.W.** From Asia to Amazonia: Models and methods for field-based research on ecology, inflammation, and disease. Invited speaker, Osher Center for Integrative Medicine Grand Rounds, Feinberg School of Medicine, Chicago, IL, May 12.
- 2016 **McDade, T.W.** Anthropological insights into the associations among stress, inflammation, and disease. Invited speaker, Department of Psychiatry and Behavioral Sciences, Feinberg School of Medicine, Chicago, IL, April 20.
- 2016 **McDade, T.W.** Adventures in epigenetics: Investigating the long term effects of environments in infancy on the regulation of inflammation in the Philippines. Invited speaker, Department of Anthropology, University of California, San Diego, April 18.
- 2016 **McDade, T.W.** From ecology to epigenetics: Investigating the long term effects of nutritional and microbial environments in infancy on the regulation of inflammation in adulthood. Invited speaker, Division of Nutritional Sciences, University of Illinois, Urbana-Champaign, March 9.
- 2015 **McDade, T.W.** Graduate training in interdisciplinary population health. Invited speaker, Institute of Medicine Roundtable on Population Health, Washington, D.C., June 1.
- 2015 **McDade, T.W.** Long term impact of early environments on the regulation of inflammation. Invited speaker, FASEB Summer Research Conference on Nutritional Immunology, Lisbon, July 29.
- 2015 **McDade, T.W.** Early environments, inflammation, and the perpetuation of health disparities within and across generations. Invited speaker, Carolina Population Center, UNC Chapel Hill, Feb. 27.
- 2014 **McDade, T.W.** An anthropologist's view of child health: What can other cultures teach us about disease prevention? Annual meeting of the American Heart Association, Council on Cardiovascular Disease in the Young, Rashkind Memorial Lecture, Chicago, IL, Nov. 18.
- 2014 **McDade, T.W.** Early environments, inflammation, and the perpetuation of health disparities within and across generations. Invited speaker, Center for Population and Development Studies, Harvard University, October 16.
- 2014 **McDade, T.W.** A developmental ecological approach to understanding the links among psychosocial stressors, inflammation, and disease. Presentation in invited session "Stress, inflammation, and depression," annual meeting of the *Society for Research in Psychopathology*, Evanston, IL, September 19.
- 2014 **McDade, T.W.** Invited participant, "Social and Behavioral Epigenetics Workshop," NIH Office of Behavioral and Social Science Research, National Science Foundation, and Social Science Research Council (UK), Washington, DC, July 29-30.
- 2014 **McDade, T.W.** Early environments and the "eco-logics" of inflammation: Insights from comparative human biology into the links among ecology, inflammation, and disease. Invited speaker, International Workshop on the Evolutionary Aspects of Child Development and Health, Vancouver, BC, June 4.
- 2014 Garfield, C., Duncan, G., Rutsohn, J., **McDade, T.W.**, Adam, E.K., Coley, R. and P.L. Chase-Lansdale. Longitudinal analysis of the transition to fatherhood and young men's risk

- and protective health behaviors. Annual meeting of the *American Public Health Association*, New Orleans, LA, November 17.
- 2014 Garfield, C., Duncan, G., Gutina, A., Rutsohn, J., **McDade, T.W.**, Adam, E.K., Coley, R. and P.L. Chase-Lansdale. Epidemiological and longitudinal study of obesity in young males and the transition to fatherhood. Annual meeting of the *American Public Health Association*, New Orleans, LA, November 17
- 2014 **McDade, T.W.** Early environments and the “eco-logics” of inflammation: Insights from comparative human biology into the links among ecology, inflammation, and disease. Invited speaker, Department of Anthropology, University of Illinois, Urbana-Champaign, April 29.
- 2014 Garfield, C., Duncan, G., Rutsohn, J., **McDade, T.W.**, Adam, E.K., Coley, R. and P.L. Chase-Lansdale. A longitudinal analysis of the transition to fatherhood and young men’s risk and protective health behaviors. Annual meeting of the *Pediatric Academic Society*, Vancouver, BC, April 25.
- 2014 **McDade, T.W.** Early environments and the “eco-logics” of inflammation: Insights from comparative human biology into the links among ecology, inflammation, and disease. Invited speaker, Department of Human Evolutionary Biology, Harvard University, March 31.
- 2014 Ehrlich, K., Hoyt, L.T., Sumner, J., **McDade, T.W.** and E.K. Adam. Embedding development of obesity, metabolic risk, and health in individual and social contexts. Annual meeting of the *Society for Research on Adolescence*, Austin, TX, March 22,.
- 2014 **McDade, T.W.** Early environments, inflammation, and the perpetuation of health disparities within and across generations. Invited speaker, Department of Anthropology, Emory University, March 17.
- 2014 **McDade, T.W.** From cells to society and back again: A framework for understanding the developmental origins of health inequalities. Invited speaker, Human Early Learning Partnership, School of Population and Public Health, University of British Columbia, Vancouver, BC, February 21.
- 2014 **McDade, T.W.** Is chronic inflammation a disease of affluence? Insights from Asia and Amazonia. Presentation in invited session “Comparative advantage: Global perspectives on human biology and health,” annual meeting of the *American Association for the Advancement of Science*, Chicago, IL, February 16.
- 2014 **McDade, T.W.** Early environments and the “eco-logics” of inflammation: Insights from comparative human biology into the links among ecology, inflammation, and disease. Invited speaker, Department of Anthropology, Yale University, January 16.
- 2014 **McDade, T.W.** Birth weight, breastfeeding, and chronic inflammation: Early origins of health disparities among young adults in the US. Invited speaker, Center for Human Potential and Public Policy, Harris School of Public Policy, University of Chicago, January 13.
- 2013 **McDade, T.W.** Early environments and the “eco-logics” of inflammation: Anthropological insights into the associations among stress, inflammation, and disease. Invited speaker, Institute for Human Development and Social Change, New York University, December 5.
- 2013 Hoke, M. and **T.W. McDade.** Biosocial inheritance: A framework of understanding the intergenerational transmission of health disparities and poverty in highland Peru. Presentation in invited session “Can the future escape the past: Biosocial factors in the

- reproduction of poverty,” annual meeting of the American Anthropological Association, Chicago, IL, November 21.
- 2013 **McDade, T.W.** Birth weight, breastfeeding, and chronic inflammation: Early origins of health disparities among young adults in the US. Invited speaker, Institute for Policy Research, Northwestern University, October 7.
- 2013 **McDade, T.W.** Microbial exposures in infancy and the regulation of inflammation in adulthood. Invited presentation, “Exploring the microbiome in population health and social research,” network meeting, University of Wisconsin Madison (A. Palloni, organizer), September 20.
- 2013 **McDade, T.W.** Early environments and the eco-logics of inflammation: Developmental origins of health in the Philippines and the US. Invited speaker, University of California, Santa Barbara, Broom Center for Demography, May 6.
- 2013 **McDade, T.W.** Quantification of inflammatory cytokines in dried blood spot samples. Invited presentation, annual meeting of NIA Biomarker Network, New Orleans, LA, April 10.
- 2013 Dowd, J.B., Palermo, T., Chyu, L., Adam, E. and **McDade, T.W.** Socioeconomic status, stressful life events, and immune function in Add Health. Presentation in podium session “Stress and health,” annual meeting of the *Population Association of America*, New Orleans, LA, April 12.
- 2013 **McDade, T.W.**, Metzger, M., Chyu, L, Garfield, C. and G. Duncan. Early origins of inflammation: Long term effects of birth weight and breastfeeding duration on C-reactive protein in young adulthood. Presentation in podium session “Contributions of biodemography to understanding health, aging, and mortality,” annual meeting of the *Population Association of America*, New Orleans, LA, April 11.
- 2013 **McDade, T.W.** Discussant: Developmental perspectives on G x E. Invited speaker, NICHD, *Nature & Nurture: Genetic and environmental influences on children’s responses to adversity*, Rockville, MD, March 20-21.
- 2012 **McDade, T.W.** Birth weight, breastfeeding, and chronic inflammation: Long term effects of early environments on health trajectories in young adulthood. Invited speaker, Institute for Healthcare Studies, Feinberg School of Medicine, Northwestern University, Chicago, IL, November 15.
- 2012 Chyu, L. and **T.W. McDade.** Socioeconomic gradients of early pubertal development and menarche across racial/ethnic groups: Findings from a nationally representative sample of adolescent girls in the US. Annual meeting of the *American Public Health Association*, San Francisco, CA, October 30.
- 2012 **McDade, T.W.** Early environments and the "eco-logics" of inflammation: Anthropological insights into the links among microbes, inflammation, and chronic disease. Invited speaker, Department of Anthropology, University of Oregon, Eugene, OR, October 17.
- 2012 **McDade, T.W.** Conceptual and methodological tools for a new human population biology: Inflammation as exemplar. Invited speaker, Center for Population Dynamics, Arizona State University, Tempe, AZ, March 9.

- 2012 **McDade, T.W.** Social stratification, stress, and health: A biocultural perspective. Invited speaker, School of Human Evolution and Social Change, Arizona State University, Tempe, AZ, March 9.
- 2012 **McDade, T.W.** Early environments and the eco-logics of inflammation. Invited speaker, Early Experience, Stress, and Neurobehavioral Development Center meeting, Evanston, IL, March 2.
- 2012 Finkel, E.J., Yu, B.R.W., Eastwick, P.W. and **T.W. McDade**. Testosterone reactivity in response to mutual romantic connection. Paper presented at the annual meeting of the *Society for Personality and Social Psychology (SPSP)*, New Orleans, LA.
- 2011 **McDade, T.W.** Early environments and the eco-logics of inflammation. Invited speaker, Arthur M. Sackler Colloquium “Biological embedding of early social adversity: From fruit flies to kindergartners,” National Academy of Sciences, Irvine, CA, December 10.
- 2011 **McDade, T.W.** Early environments, inflammation, and the transgenerational perpetuation of disparities in health. Invited speaker, Office of Behavioral and Social Sciences Research, National Institutes of Health, Bethesda, MD, November 15.
- 2011 **McDade, T.W.** Early environments, inflammation, and the intergenerational transmission of disparities in health. Invited speaker, Center for Social and Demographic Analysis, University at Albany, November 11.
- 2011 **McDade, T.W.** Early environments, stress, and the eco-logics of inflammation. Invited speaker, Tay Gavin Erikson Lecture Series, Center for Research on Families, University of Massachusetts, Amherst, October 27.
- 2011 Chyu, L., Sampey, L.D., Adam, E.K. and **T.W. McDade**. Social roles, blood pressure, and health in a nationally representative sample of young adults. Presentation in podium session “Biodemographic influences on health and mortality,” annual meeting of the *Population Association of America*, Washington, D.C., April 1.
- 2011 **McDade, T.W.** Early environments, inflammation, and the transgenerational perpetuation of disparities in health. Invited speaker, Human Development and Social Policy, Northwestern University, March 8.
- 2011 **McDade, T.W.** Linking society, biology, and health: Challenges and opportunities for a new human population biology. Invited speaker, Klopsteg lecture series, Science in Human Culture, Northwestern University, January 31.
- 2011 **McDade, T.W.** Short course: Integrating biological measures into community-based research. Invited speaker, Health and Society Scholars program, Columbia University, January 20 and 21.
- 2010 **McDade, T.W.** Toward a new human population biology: The developmental origins of inflammation as case study. Invited speaker, Demography Workshop, Population Research Center, University of Chicago, November 4.
- 2010 **McDade, T.W.** Towards a new human population biology. Invited speaker, Institute for Policy Research, Northwestern University, November 1.
- 2010 **McDade, T.W.** Conceptual and methodological tools for a new human population biology. Invited speaker, Initiative in Population Research, Ohio State University, Columbus, OH, October 12.

- 2010 **McDade, T.W.** Early environments and the eco-logics of inflammation. Invited speaker, Geography and Health, Ohio State University, Columbus, OH, October 13.
- 2010 **McDade, T.W.** Invited participant, planning meeting on “Social environment, stress, and physiological indicators of health,” NIH Office of Behavioral and Social Science Research and the Board on Behavioral, Cognitive, and Sensory Science, National Academy of Sciences, Washington, DC, May 11.
- 2010 **McDade, T.W.** Stratification, stress, and health: An integrative approach to community-based research on health disparities. Invited speaker, Department of Psychology, Stanford University, Palo Alto, CA, April 28.
- 2010 Chyu, L., **McDade, T.W.**, and E.K. Adam. Biological indicators in a nationally representative sample of young adults: How do Add Health wave IV biomarkers measure up? Presentation in podium session “Demographic studies based on biomarkers,” annual meeting of the *Population Association of America*, Dallas, TX, April 16.
- 2010 **McDade, T.W.** Toward a new human population biology: The developmental origins of inflammation as case study. Invited speaker, Notestein Seminar Series, Office of Population Research, Princeton University, Princeton, NJ, February 2.
- 2009 **McDade, T.W.** The eco-logics of inflammation: A case study from the Philippines. Invited speaker, Center for Neurobehavioral Development, University of Minnesota, Minneapolis, December 1.
- 2009 **McDade, T.W.** Fat, pathogens, and C-reactive protein: A comparative life course perspective on the early origins of inflammation. Invited speaker, Population Studies Center, University of Pennsylvania, Philadelphia, PA, October 25.
- 2009 **McDade, T.W.** Measuring AMH in dried blood spots: A minimally-invasive alternative to venipuncture. Invited speaker, Oncofertility Consortium Conference, September 14, Chicago, IL.
- 2009 **McDade, T.W.** Comparative advantage: Insights from international research on the origins of health disparities. Invited speaker, Experience-based Brain and Biological Development meeting, Canadian Institute for Advanced Research, Montreal, June 17.
- 2009 **McDade, T.W.** Lessons from Amazonia: Is globalization bad for your health? Invited speaker, Wildcat Days, Northwestern University, April 27.
- 2009 **McDade, T.W.** Fat, pathogens, and C-reactive protein: A comparative life course perspective on the regulation of inflammation. Invited speaker, session on “Early-life SES and health in adulthood: Psychobiologic mechanisms,” *American Psychosomatic Society*, Chicago, IL, March 5.
- 2009 **McDade, T.W.** Towards a new human population biology. Invited speaker, Presidential session “Whither demography and the PAA? A panel and town hall discussion”, annual meeting of the *Population Association of America*, Detroit, MI, May 1.
- 2009 **McDade, T.W.** Stratification, stress, and health: An integrative approach to health disparities research. Invited speaker, clinical psychology seminar series, Northwestern University, May 7.
- 2009 **McDade, T.W.** Toward an ecology of everyday life: An integrative anthropological approach to research on health disparities. Invited speaker, Human Early Learning Partnership, University of British Columbia, Vancouver, March 24.

- 2009 **McDade, T.W.** Beyond the gradient: An integrative anthropological perspective on social stratification, stress, and health. Invited speaker, Center for Human Potential and Public Policy, University of Chicago, March 9.
- 2008 **McDade, T.W.** and M. Hayward. Infectious disease (and related measures) and the Panel Study of Income Dynamics. Invited speaker, Panel Study of Income Dynamics Biomeasure Conference, Ann Arbor, December 11.
- 2008 **McDade, T.W.** Toward an ecology of everyday life: An integrative approach to research on stratification, stress, and health. Invited speaker, Institute of Government and Public Affairs, University of Illinois at Chicago, December 4.
- 2008 **McDade, T.W.,** Reyes-Garcia, V., Leonard, W.R., Tanner, S., Vadez, V., Godoy, R. and T. Huanca. Linking culture and biology in the context of globalization: Ethnobotanical knowledge and child health in lowland Bolivia. Invited speaker, Presidential session “Inclusion, collaboration, engagement: Advancing the biocultural perspective in anthropological inquiry,” annual meeting of the *American Anthropological Association*, Washington, D.C., November 20.
- 2008 **McDade, T.W.** Toward an ecology of everyday life: An integrative anthropological approach to research on health disparities. Invited speaker, Robert Wood Johnson Foundation Health and Society Scholars Program, University of California, San Francisco, November 19.
- 2008 **McDade, T.W.** The ecology of everyday life: Bringing a biocultural anthropological perspective to research on stress and health. Invited speaker, conference on “New Directions in Policy-Relevant Research on Adolescence: Perspectives from Psychological Anthropology,” Schubert Center for Child Studies, Case Western Reserve University, November 7.
- 2008 **McDade, T.W.** Understanding biology in context: An integrative anthropological approach to research on health disparities. Invited speaker, Center on Outcomes Research and Education (CORE) and the Institute for Healthcare Studies, September 25.
- 2008 **McDade, T.W.,** Rutherford, J., Adair, L. and C. Kuzawa. Early origins of inflammation: A life course perspective on the predictors of C-reactive protein in young adults in the Philippines. Presentation in podium session “Biodemographic perspectives on early life influences on later life health,” annual meeting of the *Population Association of America*, New Orleans, LA, April 18.
- 2007 **McDade, T.W.** Is globalization bad for your health? Or, confessions of a mostly clueless premed bio major. Invited speaker, “Evening with Weinberg.” September 24, Northwestern University.
- 2007 **McDade, T.W.** Linking culture, biology, and health: Ethnobotanical knowledge and child health in the Bolivian Amazon. Invited speaker, “Chicago Workshop on Biomarker Collection in Population-based Health Research.” University of Chicago, June 14.
- 2007 **McDade, T.W.** Lessons from Amazonia: Is globalization bad for your health? Invited speaker, Wilson Society, Northwestern University, June 4.
- 2007 **McDade, T.W.** Why biocultural anthropology matters: Models and methods for integrative health research. Department of Anthropology colloquia series, Northwestern University, April 30.

- 2007 **McDade, T.W.** From Amazonia to America: A community-based approach to research on the predictors of inflammation. Invited speaker, Endocrinology Seminars, Feinberg School of Medicine, Northwestern University, April 26.
- 2007 **McDade, T.W.** Linking culture, biology, and health: An integrative anthropological approach to research on child health. Invited speaker, Division of Nutrition Sciences, Cornell University, January 29.
- 2007 **McDade, T.W.** Is globalization bad for your health? Linking culture and biology in the Bolivian Amazon. Invited speaker, Center for International and Comparative Studies, Northwestern University, January 26.
- 2006 Sweet, E. and **T.W. McDade.** Culture, stress, and health: A multi-method examination of everyday lives of urban African American youth. Invited speaker, Institute for Policy Research, Northwestern University, November 20.
- 2006 **McDade, T.W.** Linking culture, stress, and biology: An integrative approach to health disparities research. Invited speaker, Department of Biobehavioral Health, Penn State University, November 13.
- 2006 **McDade, T.W.** Stratification, stress, and health: Lessons from Samoa for research on health disparities in the U.S. Invited speaker, Population Studies and Training Center, Brown University, October 26.
- 2006 **McDade, T.W.** Dried blood spots as a minimally-invasive method for integrating physiological measures into community-based research. Invited speaker, Seminar in Laboratory Medicine, University of Washington Medical Center, October 19.
- 2006 **McDade, T.W.** Ethnobotanical knowledge and child health in lowland Bolivia. Invited speaker, Interdisciplinary Committee in Evolutionary Processes, Northwestern University, October 12.
- 2006 Cacioppo, J.T., Hawkey, L.C., Masi, C.M., Berry, J.D., **McDade, T.W.** and E. Adam. Physiological Functioning in a Population Based Sample of Older Adult. Podium presentation, *Society for Psychophysiological Research*, Washington, D.C., October 26.
- 2006 Godoy, R., **McDade, T.W.**, and L. Goodman. Health, income inequality, and social capital in a pre-industrial society. Invited presentation, Department of Society, Human Development, and Health, Harvard University School of Public Health, May 16, 2006.
- 2006 Sweet, E. and **T.W. McDade.** Health Disparities, Socioeconomic Status, and the Social Significance of Skin Color. Annual meeting of the *Society for Medical Anthropology*, Vancouver, B.C., March. 2006 **McDade, T.W.** Invited participant: "Advances in collecting and utilizing biological indicators and genetic information in the study of aging," Committee on Population, National Academy of Sciences, Washington, DC, June 2.
- 2006 **McDade, T.W.** Beyond the gradient: An integrative anthropological perspective on social stratification, stress, and health. Invited presenter, Wenner-Gren Foundation sponsored conference "Health, risk, and adversity: A new synthesis from biological anthropology," Durham, UK, April 8-10.
- 2006 **McDade, T.W.**, Williams, S.R. and J.J. Snodgrass. What a drop can Do: Expanding options for the analysis of blood-based biomarkers in population-level health research. Presentation in podium session "Collection and methods for analysis of biomarker data for demographic

- studies,” annual meeting of the *Population Association of America*, Los Angeles, CA, March 31.
- 2006 Williams, S.R., Lindau, S. and **T.W. McDade**. Evaluation of dried blood spots collected by non-medically trained interviewers: Number, size and quality of spots. Presentation in podium session “Collection and methods for analysis of biomarker data for demographic studies,” annual meeting of the *Population Association of America*, Los Angeles, CA, March 31.
- 2006 **McDade, T.W.** Beyond the Gradient: An Interdisciplinary Perspective on Social Status, Stress, and Health. Invited speaker, Population Research Center, University of Texas Austin, Feb. 10.
- 2005 Quinn, E.A., **McDade, T.W.**, Kuzawa, C.W. and L.S. Adair. The weanling’s dilemma: life history trade-offs and infant feeding decisions in the Philippines. Invited session “Applied behavioral ecology of young child feeding,” annual meeting of the *American Anthropological Association*, Washington DC, December 2.
- 2005 Kuzawa, C.W. and **T.W. McDade**. Early environments and adolescent health in the Philippines: developmental influences on inflammation. Invited session “Policy Implications of Biosocial Research on Child Development,” annual meeting of the *American Anthropological Association*, Washington, D.C., December 1.
- 2005 Quinn, E.A., Kuzawa, C.W., **McDade, T.W.**, and L.S. Adair. Association between mode of infant feeding and leptin concentrations in adolescent Filipinos. *International Congress for the Developmental Origins of Health and Disease*, Toronto, ON, November 16.
- 2005 Adair, L.S., **McDade, T.W.** and C.W. Kuzawa. Growth patterns of adolescent risk groups defined by lipid profiles, insulin resistance and blood pressure. *International Congress for the Developmental Origins of Health and Disease*, Toronto, ON, November 17.
- 2005 **McDade, T.W.** Culture, social status, and physiology: An integrative approach to health disparities research. Co-organizer and speaker, introductory conference for *Cells to Society: Center on Social Disparities and Health*, Northwestern University, June 6.
- 2005 **McDade, T.W.** Developing an interdisciplinary framework for research on social disparities, stress, and health. Invited speaker, ENH Research Institute, Northwestern University, April 20.
- 2005 **McDade, T.W.** Models and methods for interdisciplinary research on social status, stress, and health. Invited speaker, Population Studies Center, University of Pennsylvania, April 18.
- 2005 **McDade, T.W.** Coming to consensus: Anthropological methods for integrating culture into health research. Invited speaker, NIH Community and Child Health Network, Los Angeles, CA, January 21.
- 2004 **McDade, T.W.** Coming of Age: Interdisciplinary research on social status, stress, and health. Invited speaker, Center for Social Epidemiology and Population Health, University of Michigan, Ann Arbor, MI.
- 2004 **McDade, T.W.** Invited participant: Mellon Biomarker Network meeting, Los Angeles, June 16-17.
- 2004 **McDade, T.W.** New developments in blood spot methods for population research. Invited speaker, “Chicago Workshop on Biomarker Collection in Population-based Health Research.” Gleacher Center, Chicago, IL, June 10.

- 2004 **McDade, T.W.** Invited participant: “Cells and Surveys: Should Biological Measures Be Included in Social Science Research?” Committee on Population, National Academy of Sciences, Washington, DC, February 7.
- 2004 **McDade, T.W.** Stress and immune function in the context of culture: Lessons from Samoa. Speaker and co-organizer, Domain Dinner, “Social relations, stress, biology, and health,” Northwestern University, January 19.
- 2003 **McDade, T.W.** Beyond the gradient: Models and methods for research in social status, stress, and health. Invited speaker, California Center for Population Research, UCLA, November 12.
- 2003 **McDade, T.W.** Social status, stress and health: Beyond the gradient approach. Invited speaker, Institute for Policy Research, Northwestern University, November 3.
- 2003 **McDade, T.W.** Beyond the gradient: Models and methods for research in social status, stress, and health. Invited speaker, Department of Preventive Medicine, Feinberg School of Medicine, Northwestern University, October 20.
- 2003 **McDade, T.W.** Human development and stress in the context of culture: Lessons from Samoa. Invited speaker for the seminar series in “Culture, Health, and Human Development,” University of Connecticut, March 11.
- 2003 **McDade, T.W.** A biocultural anthropologist comes of age in Samoa: Models and methods for integrative research. Distinguished speaker at the symposium “Building Biocultural Anthropology,” Emory University, March 8.
- 2003 **McDade, T.W.** and B. Shell-Duncan. An improved method for assessing transferrin receptor in whole blood spots. International Nutritional Anemia Consultative Group, Marrakech, February 6.
- 2003 Shell-Duncan, B. and **T.W. McDade**. Use of capillary blood to assess iron status in rural Kenya: combined measures of TfR, ZPP:H, Hb, and CRP. International Nutritional Anemia Consultative Group, Marrakech, February 6. 2002 **McDade, T.W.** Status incongruity, stress, and immune function in Samoa: Models and methods for research on human development in the context of culture. Invited speaker, Institute for Policy Research, Northwestern University, November 25.
- 2002 **McDade, T.W.** Human development and stress in the context of culture: Lessons from Samoa. Invited session “Anthropology and human development: Visions of the future,” annual meeting of the *American Anthropological Association*, New Orleans, LA, November 20.
- 2002 Sorensen, M.V., **McDade, T.W.**, Snodgrass, J.J., Tarskaya, L.A. and Shadrina, O.V. Stress induced immunosuppression and self-rated health in an indigenous Siberian population. Annual meeting of the *International Society for Quality of Life Research*, Orlando, FL, October 30.
- 2002 **McDade, T.W.** Socialization ambiguity in Samoan youth: New models and methods for cross-cultural research in human development and stress. Invited session “Research methods in medical anthropology: Old problems and new solutions,” *Society for Medical Anthropology*, Atlanta, GA, March 7.

- 2001 **McDade, T.W.** Culture change, stress and immune function in Samoan youth: Steps toward a cross-cultural psychoneuroimmunology. Invited speaker, *Culture, Life Course, and Mental Health Workshop*, Committee on Human Development, University of Chicago, October 16.
- 2001 Shell-Duncan, B. and **T.W. McDade**. The cultural ecology of iron intake in northern Kenya: Exploring dietary modification as a sustainable approach to preventing iron deficiency. *International Nutritional Anemia Consultative Group*, Hanoi, Vietnam, February 15.
- 2001 **McDade, T.W.** Socialization ambiguity, stress, and immune function in Samoan adolescents. Biennial meeting of the *Society for Research in Child Development*, Minneapolis, MN, April 19.
- 2000 **McDade, T.W.** Status incongruity in Samoan youth: A biocultural ethnography of culture change, stress, and immune function. Invited session “Biocultural contributions to health research: Future directions for method and theory,” annual meeting of the *American Anthropological Association*, San Francisco, CA, November 18.
- 1999 Adair, L.S., Beck, M., and **T.W. McDade**. Effects of early growth restriction on immune status of Filipino adolescents. *Institute of Nutrition Research Symposium*, Chapel Hill, October 8.
- 1999 **McDade, T.W.** Defining the “urban” in urbanization and health. *Human Growth Workshop*, Emory University, October 11.
- 1999 **McDade, T.W.** Anthropology and immunology: Models and methods for integrated research in international health. *Interdisciplinary Scientific Research Seminar Series*, Emory University, October 4.
- 1999 **McDade, T.W.** Evolutionary ecology of breastfeeding and the weanling’s dilemma. Invited session “The Food of Love, the Love of Food: New Directions in the Study of Food and Fitness,” annual meeting of the *Human Behavior and Evolution Society*, Salt Lake City, June 4.
- 1999 **McDade, T.W.** Suicide in the South Pacific: Culture change and stress in Western Samoan youth. Working group meeting of the *Center for Developmental Epidemiology*, March 18.
- 1997 Worthman, C.M. and **T.W. McDade**. Person x environment dynamics in the development of immunocompetence: How the body thinks to learn. Invited session “Social and cultural lives of immune systems,” annual meeting of the *American Anthropological Association*, Washington, D.C., November 23.
- 1995 Worthman, C.M., **McDade, T.W.**, and Stallings, J.F. The weanling’s dilemma reconsidered: A biocultural analysis of breastfeeding ecology. Invited session “Breastfeeding: Biocultural perspectives,” annual meeting of the *American Anthropological Association*, Washington, D.C., November 15.
- 1994 **McDade, T.W.** Benign prostatic hyperplasia: A consequence of aging and American health care. Annual meeting of the *Southern Anthropological Association*, April 28.

ORGANIZED CONFERENCES AND SESSIONS

- 2019 Co-director (with G. Miller and E. Adam, Northwestern University), “Summer Institute on Biological Approaches in the Social Sciences.” Five-day hands-on workshop on methods for integrating biological concepts and methods into community-based

- research, sponsored by the Russell Sage Foundation and the Institute for Policy Research, Northwestern University, June 10-14.
- 2017 Co-organizer (with Megan Gunnar, University of Minnesota). “Developmental psychoneuroimmunology: Brain-immune interactions within and across generations.” Meeting of the Child and Brain Development program, Canadian Institute for Advanced Research, Vancouver, BC, February 15-16.
- 2016 Co-organizer (with Kathleen Mullan Harris, University of North Carolina, Chapel Hill). “Biosocial pathways of well-being across the life course,” invited conference supported by the Russell Sage Foundation, New York, June 9.
- 2014 Organizer, “Comparative advantage: Global perspectives on human biology and health.” Invited session at the annual meeting of the *American Association for the Advancement of Science*, Chicago, IL, Feb. 16.
- 2012 Organizer, “Global perspectives on health and human development.” Meeting of the Experience-Based Brain and Biological Development program, Canadian Institute for Advanced Research, Toronto, ON, October 31-November 1.
- 2011 Co-organizer (with Ellen Demerath, University of Minnesota, and Stephen McGarvey, Brown University), breakout session “Epigenetics in Human Biology Research,” annual meeting of the Human Biology Association, Minneapolis, MN, April 14.
- 2011 Co-organizer (with A. Kalil, University of Chicago, R. Schoeni, University of Michigan), “Long-run impacts of early life events,” invited conference supported by the National Poverty Center, Ann Arbor, May 5-6.
- 2011 Director (co-directors E. Adam and C. Kuzawa, Northwestern University), “Summer Biomarker Institute.” Three-day hands-on workshop on minimally invasive methods for integrating biomarkers into community-based research, sponsored by Cells to Society (C2S): The Center on Social Disparities and Health at the Institute for Policy Research, Northwestern University, June 6-8.
- 2010 Director (co-directors E. Adam and C. Kuzawa, Northwestern University), “Summer Biomarker Institute.” Three-day hands-on workshop on minimally invasive methods for integrating biomarkers into community-based research, sponsored by Cells to Society (C2S): The Center on Social Disparities and Health at the Institute for Policy Research, Northwestern University, June 7-9.
- 2009 Director (co-directors E. Adam and C. Kuzawa, Northwestern University), “Summer Biomarker Institute.” Three-day hands-on workshop on minimally invasive methods for integrating biomarkers into community-based research, sponsored by Cells to Society (C2S): The Center on Social Disparities and Health at the Institute for Policy Research, Northwestern University, June 8-10.
- 2009 Organizer, “Biodemographic influences on health and mortality,” invited session at the annual meeting of the *Population Association of America*, Detroit, MI, April 30.
- 2008 Organizer (co-organizer A. Fuentes, Notre Dame University), Presidential session “Inclusion, collaboration, engagement: Advancing the biocultural perspective in anthropological inquiry,” annual meeting of the *American Anthropological Association*, Washington, D.C., November 20.
- 2008 Director (co-directors E. Adam and C. Kuzawa, Northwestern University),

- “Summer Biomarker Institute.” Three-day hands-on workshop on minimally invasive methods for integrating biomarkers into community-based research, sponsored by Cells to Society (C2S): The Center on Social Disparities and Health at the Institute for Policy Research, Northwestern University, June 9-11.
- 2008 Director (co-directors E. Adam and C. Kuzawa, Northwestern University), “Summer Biomarker Institute.” Three-day hands-on workshop on minimally invasive methods for integrating biomarkers into community-based research, sponsored by Cells to Society (C2S): The Center on Social Disparities and Health at the Institute for Policy Research, Northwestern University, June 9-11.
- 2007 Director (co-directors E. Adam and C. Kuzawa, Northwestern University), “Summer Biomarker Institute.” Three-day hands-on workshop on minimally invasive methods for integrating biomarkers into community-based research, sponsored by Cells to Society (C2S): The Center on Social Disparities and Health at the Institute for Policy Research, Northwestern University, June 18-20.
- 2007 Organizer (co-organizer A. Fuentes, Notre Dame University) “Advancing biocultural perspectives in physical anthropology.” Sponsored by the Physical Anthropology program, National Science Foundation, Feb. 19-20.
- 2006 Director (co-directors E. Adam and C. Kuzawa, Northwestern University), “Summer Biomarker Institute.” Three-day hands-on workshop on minimally invasive methods for integrating biomarkers into community-based research, sponsored by Cells to Society (C2S): The Center on Social Disparities and Health at the Institute for Policy Research, Northwestern University, June 19-21.
- 2005 Co-organizer (organizer S. Lindau, University of Chicago) “Chicago Workshop on Biomarker Collection in Population-Based Research.” Gleacher Center, Chicago, IL, June 9-10.
- 2004 Organizer, “Human Ecological Immunology: Models and Methods for Future Research.” Invited session at the annual meeting of the American Association of Physical Anthropologists, April 13.

PATENTS

US Patent 10,369,564, 2019 Minimally-invasive collection system for collecting biological samples for quantifying heavy metals, other toxicants, pathogens, and biomarkers

Inventors: W.E. Funk, T.W. McDade, A. Unger

US Patent 11,203,014, 2021 Methods for collecting biological samples for quantifying heavy metals

Inventors: W.E. Funk, T.W. McDade, A. Unger

CONSULTANCIES AND NETWORKS

- 2018- Scientific advisory board, “RADAR” (PI: B. Mustanski).
- 2018- Advisory board member, “From biological to social processes: Interdisciplinary training
present in life course research,” (PIs: Aiello and Hummer, UNC Chapel Hill).
- 2013- National Children’s Study, Environmental Domain and Biospecimen working groups
2014

- 2012- Steering committee member, “Research consortium on toxic stress and health” (PI: Jack Shonkoff, Harvard University)
- 2011- “Irvine Network on Interventions in Development” (PI: Greg Duncan, UC Irvine).
2017
- 2010- “NIA Biomarker Network” (Directors: Eileen Crimmins, Teresa Seeman; R24AG037898)
present
- 2009- “China Health and Retirement Longitudinal Study” (PI: John Strauss, USC; R21-
2014 AG031372-01.
- 2008- Chicago Core on Biomeasures in Population-Based Aging Research (University of
2013 Chicago; 5 P30 AG0-12857)
- 2008- “Oregon Health Study” (PI: Katherine Baicker; National Bureau of Economic
2013 Research)
- 2007- “Mexican Family Life Survey” (PI: Graciela Teruel, Universidad Iberoamericana;
2012 RO1HD047522)
- 2006- “Los Angeles Family and Neighborhood Study (LA FANS)” (RAND)
2011
- 2006 “Explaining Family Change” (NICHD Working Group; N01-HD-3-3354)
- 2005- “Health and Retirement Study” (PI: R. Willis, University of Michigan; U01 AG09740)
2010
- 2004- “National Longitudinal Study of Adolescent Health Wave IV: Data collection core”
2009 (PI: K. Mullan-Harris, UNC Chapel-Hill; submitted 2/04)
- 2003- “National Social Life, Health, and Aging Project” (PI: L. Waite, University of Chicago;
2008 R01 AG021487)
- 2001- “Social isolation, loneliness, health, and the aging process” (PI: John Cacioppo,
2006 University of Chicago; PO1 AG18911)

MEDIA COVERAGE

- 2022 “Intricacies of immunity with Dr. Thomas McDade” (C. Ocobock, C. Lynn), Sausage of Science podcast: <https://www.humbio.org/sos-154-the-intricacies-of-immunity-with-dr-thomas-mcdade/>
- 2021 “Can at-home Covid tests detect the Omicron variant? What the FDA and the researchers say.” NBC Chicago, December 27.
- 2021 “Can at-home Covid tests detect variants? How the rapid tests work.” (K. Czink), WGNTV, December 22.
- 2021 “COVID-19 shots cans boost long term cellular immunity as well as antibodies.” (K Czink), WGNTV, December 8.
- 2021 “Home antibody test could help measure population-wide immunity.” (A. Quraishi), Scripps/WCPO ABC, March 23.
- 2021 “Protective antibodies detectable in dried blood spots” (N. Lapid), Reuters, February 17.

- 2020 “How long will immunity to COVID-19 last once a person is infected? Research offers promising news.” (D. Bari, K. Czink), [WGNTV](#), October 14.
- 2020 “Preliminary results of Northwestern University blood test study conclude 20% of Chicagoans carry COVID-19 antibodies.” S. Schulte), [ABC7](#), October 9.
- 2020 “Researchers surprised: 20% of Chicagoans in blood-test study came up positive for coronavirus antibodies” (H. Dardick), [Chicago Tribune](#), October 9.
- 2020 “Antibody tests helping researchers come up with answers” (D. Bair, K. Czink), [WGNTV](#), July 2.
- 2020 “Why does one Chicago ZIP code have more COVID-19 cases than the next? Finger-prick blood tests may help find an answer” (H. Dardick), [Chicago Tribune](#), June 30.
- 2020 “Hat in hand: U.S. scientists scramble to support their COVID immunity research” (N. Brown), [Reuters](#), June 16.
- 2020 “Northwestern develops coronavirus antibody test using single drop of blood.” (A. Hein), [Fox News Chicago](#), May 14.
- 2020 “Should I get a coronavirus antibody test?” (E. Betuel), [Inverse](#), May 13.
- 2019 “Poverty plays a role in DNA structure changes, study involving Northwestern professor finds” (E. Malagon), [Chicago Tribune](#), April 5.
- 2019 Live discussion of socioeconomic status and epigenetics, “The Opening Bell with Steve Grzanich”, WGN Radio, April 9.
- 2018 “Why did the U.S. try to block a breastfeeding resolution, and what do we do about it?” (H. Stevens), [Chicago Tribune](#), July 11.
- 2017 “Yes, childhood changes your DNA” (S. Smith). [Reader’s Digest](#), October 30.
- 2017 “Childhood experiences can change your DNA” Chicago Tonight, WTTW, October 25.
- 2017 “El ambiente donde crece un niño puede alterar su AND e influir en cuanto se enferma de adulto” (L.I. Lara). Univision, August 6.
- 2017 “Your childhood experiences can permanently change your DNA” (L.I. Lara). [Smithsonian](#), September 14.
- 2014 “How your student debt can make you sick and depressed” (P. Carlotti). [Forbes](#), June 13.
- 2014 “Breastfeeding may cut risk of heart disease by more than statins: research” (R. Smith). [The Telegraph](#), April 23.
- 2014 “Babies fed on breast milk less likely to die early in adulthood, study finds” (J. Von Radowitz). [The Independent](#), April 23.
- 2014 “Breastfeeding may protect against heart disease, study” (AFP). [Huffington Post](#), April 23.
- 2014 “Breastfeeding may reduce diabetes and heart disease risk” (J. Berman). [Voice of America](#), April 22.
- 2014 “Low birth weight, lack of breast-feeding tied to inflammation risk in adulthood” (R. Preidt). [US News and Report](#), April 17.

- 2012 “Silent killer” may be disease of the affluent” (A. Gibbons). ScienceNOW, May 31.
- 2010 “Can dirt do a little good?” (M. Beck). Wall Street Journal, May 17.
- 2010 “Researcher profile: Thomas McDade” (D.E. Brown). Human Biological Diversity: An Introduction to Human Biology.
- 2010 “Professor to kids: Get down and dirty” (R. Channick). Chicago Tribune, March 24.
- 2010 “Which dirt should your baby eat?” (A. Schaffer). Slate, March 24.
- 2009 “Getting dirty and health” (M. Sloane). CNN. December 25.
- 2009 “Can germs be good for you?” (C. Brown). CNN. December 9.
- 2009 “Kids kept germ-free risk adult illnesses: study” (K. Zeitvogel). AFP, December 9.
- 2009 “Too clean kids, heart disease as adult.” UPI, December 9.
- 2009 “Studying ancient man to learn to prevent disease” (F. Flam). Philadelphia Inquirer, August 31.
- 2009 “Bolivia: Singing to the plants: Shamanism and the medicine path” (S. Beyer). RedBolivia International, February 21.
- 2007 “Indigenous plant knowledge and child health” (A. Luck-Baker, producer). BBC World Service, Science in Action weekly radio program, April 6.
- 2006 “Stress and health—Is there a link?” (P. Jones). Chicago Tribune, October 10.
- 2005 “Grandma’s behavior while pregnant affects her grandkid’s health” (S. Begley). Wall Street Journal, May 13.

PROFESSIONAL AFFILIATIONS AND SERVICE

PEER REVIEW ACTIVITIES

Social Sciences and Population Studies panel (ZRG1 PSE C), November 2014

Biodemography of Aging Scientific Review Group (ZRG1 PSE-H (59) R), June 2012

Challenge Grant Special Emphasis Panel/Scientific Review Group 2009/10 ZRG1 PSE-J (58) R, June 2009

NICHD Health, Behavior, and Context Subcommittee (CHHD-M), October 2008-July 2010

NICHD Population Research Infrastructure Program Scientific Review Group (ZHD1 DSR-H (02)), April 12-13, 2007

NICHD Initial Review Group, Biobehavioral and Behavioral Sciences Subcommittee July 10-11, 2006

Review panel, Dissertation Improvement Grants, National Science Foundation Physical Anthropology Program (Spring 2004, Fall 2004, Spring 2005, Fall 2005)

Ad Hoc reviewer (past 2 years):

National Science Foundation programs in Physical Anthropology and Cultural Anthropology

National Research Council

American Journal of Human Biology; American Journal of Physical Anthropology; American Journal of Sociology; Annals of Epidemiology; Annals of Human Biology; Biodemography and

Social Behavior; Biomarkers; Clinical and Experimental Immunology; Current Anthropology; Demography; Development and Psychopathology; Developmental Origins of Health and Disease; International Journal of Epidemiology; Journal of Adolescent Health; Journal of Gerontology: Social Sciences; Journal of Human Nutrition; Journal of Immunological Methods; Medical Anthropology Quarterly; Physiology and Behavior; PloS One; Proceedings of the National Academy of Sciences; Proceedings of the Royal Society Series B: Biological Sciences; Psychoneuroendocrinology; Psychosomatic Medicine; Social Science and Medicine; Transcultural Psychiatry; Vaccine

OFFICES AND COMMITTEES

Editorial Board, American Journal of Physical Anthropology, (2019-present)
 Editorial Board, Demography (2018-present)
 Editorial Board/Associate Editor, Evolution, Medicine, and Public Health (2011-present)
 Editorial Board, American Journal of Human Biology (2007-present)
 Editorial Board, Annals of Human Biology (2008-present)
 Associate Editor, American Journal of Human Biology, for “Toolkit: Methods in Human Biology” (2012-2019)
 Executive Committee, Human Biology Association (2008-2012)
 Chair, Public Relations, Human Biology Association (2008-2012)
 Nominations Committee, American Association of Physical Anthropologists (2007-2010)
 Membership Committee, American Association of Physical Anthropologists (2004-7)
 Program Committee, Human Biology Association (2003 annual meeting)
 Student Prize Committee, American Association of Physical Anthropologists (2006 annual meeting)
 Program Committee, Population Association of America (2007, 2008 annual meetings)
 Program Committee, American Association of Physical Anthropologists (2007, 2008 annual meetings)

MEMBERSHIPS

American Anthropological Association
 General Anthropology Division
 Biological Anthropology Section
 Society for Medical Anthropology
 American Association for the Advancement of Science
 American Association of Physical Anthropology
 Human Biology Association
 International Association for Population Health Science
 Population Association of America