

## JASON A. DECARO

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### Research Interests:

Human biology; biocultural medical and psychological anthropology; neuroanthropology; child development. Interactions among the social and cultural architecture of everyday life, cognitive processes, and physiologic systems in human development and the production of differential well-being across the life course.

### Positions Held:

2018 – Professor of Anthropology, University of Alabama  
2012 – 2018 Associate Professor of Anthropology, University of Alabama  
2006 – 2012 Assistant Professor of Anthropology, University of Alabama  
Director, Developmental Ecology and Human Biology Lab (2006 – present)  
Faculty Affiliate, Center for Youth Development and Intervention (2010 – present)  
Faculty Associate, Alabama Research Institute on Aging (2012 – present)  
Core Faculty, McCollough Institute for Pre-Medical Scholars (2018 – present)  
2015 Visiting Lecturer, Catholic University of Health and Allied Sciences, Mwanza, Tanzania

### Education:

May 2006 Ph.D. in Anthropology, Emory University (Atlanta, GA)  
Summer 2000 Visiting Graduate Student in Child Development, UC Berkeley (Berkeley, CA)  
May 1998 B.S. in Biochemistry and Anthropology, SUNY Binghamton (Binghamton, NY)

### Honors/Awards:

2019 – 2022 Marilyn Williams Elmore and John Durr Elmore Endowed Professor (3-year fixed term endowed professorship in the University of Alabama College of Arts & Sciences)  
2015 University of Alabama President's Faculty Research Award  
2015 University of Alabama Council on Community Based Partnerships Award for Outstanding Faculty/Staff-Initiated Engagement Effort (co-awardee with Ansley T. Gilpin, Caroline L. Boxmeyer, and John E. Lochman)  
2011 – 2014 University of Alabama College of Arts & Science Distinguished Teaching Fellow

### **Current Research Support:**

- 2018-21 National Science Foundation, “Embodying Emotion in Interaction.” (PI: Pritzker). Role: Co-PI. Awarded \$315,860.
- 2018-20 Pickens County Partnership Grant Program, “Improving School Readiness, Teacher and Family Well-Being: Sustaining Power PATH Universal Intervention in Pickens County Head Start Preschool with Telemedicine” (PI: Gilpin). Role: Co-PI. Awarded \$25,000.

### **Completed Research Support:**

- 2017-19 University of Alabama Research Grants Committee, the College of Arts and Sciences, and the College of Communication and Information Sciences, “Health Impacts of Emotion Communication in Close Relationships Among Older Adults,” RGC-2017-39 (PI: Pritzker). Role: Co-PI. Awarded \$26,614.
- 2013-19 Administration for Children and Families, Department of Health and Human Services, “Improving Family Well-Being and Child School Readiness: Power PATH Dual Generation Intervention with Head Start Preschoolers and their Parents,” 90YR0075-01-00 (PIs: Gilpin, DeCaro, Boxmeyer). Role: PI – multiple PI plan. Awarded \$2,257,680.
- 2012-19 National Institute on Aging (NIH), “Everyday Quality of Life in Blacks and Whites with Osteoarthritis,” 1R01AG041655-01A1 (PI: Parmelee). Role: Co-investigator. Awarded \$2,542,075.
- 2017-18 Canadian Institutes of Health Research (Planning Grant), “Maternal and Child Health and the Architecture of Daily Life among Rural Nicaraguans.” (PI: Wilson). Role: Co-PI. Awarded \$10,549.
- 2016-18 Pickens County Partnership Grant Program, “Disseminating the Power PATH Mental Health Preventive Intervention to the Pickens County Community Action Head Start Program” (PI: Boxmeyer). Role: Co-PI. Awarded \$25,000.
- 2016-17 Eunice Kennedy Shriver National Institute for Child Health and Human Development / Ohio State University Institute for Population Research, “Predictors of Allostatic Load in Mothers and Children: Biological Evidence from a High-Stress Setting” (PI: Schmeer), on subaward from P2CHD058484. Role: University of Alabama subaward PI. Awarded \$27,827.
- 2015-17 Imagination Institute, “Fantasy Orientation: Measuring Individual Differences, Improving Imaginative Play, and Assessing Mechanisms of Cognitive Development,” RFP-15-08 (PI: Gilpin). Role: Co-PI. Awarded \$199,940.
- 2014-16 University of Alabama Research Grants Committee, “The Culture of Child Caregiving in Mwanza, Tanzania.” Role: PI. Awarded: \$5,964.
- 2013-17 University of Alabama Research Stimulation Program, Postdoctoral Fellow to support and enhance “Improving Family Well-Being and Child School Readiness: Power PATH Dual Generation Intervention with Head Start Preschoolers and their Parents,” (PIs: Gilpin, DeCaro, Boxmeyer). Role: PI – multiple PI plan.
- 2010-11 UA Arts & Sciences College Academy for Research, Scholarship, and Creative Activity, “Food Insecurity, Maternal Mental Health and Child Well-Being in Northwest Tanzania.” Role: PI. Awarded \$9,859.

- 2007-09 Wenner-Gren Foundation, “Physical Activity and the Architecture of Daily Life Among Alabama Mexican-Americans: A Biocultural Investigation,” Gr. 7708. Role: PI. Awarded \$24,987.
- 2007-09 University of Alabama Research Grants Committee, “Methodological Considerations in the Use of Alpha-Amylase as a Stress Marker by Anthropologists.” Role: PI. Awarded \$5,000.
- 2003 NSF Dissertation Improvement Grant, “Child Health and the Proximal Ecology of Stress: Scheduling American Family Life,” BCS 0242575.
- 2001 Wenner-Gren Foundation, “The Social Ecology of Childhood Stress: Reactivity and Family Function in North Central Georgia, U.S.A.,” Gr. 6827.
- 2001 Sigma Xi, Grant-in-Aid of Research.

**Research and Training Fellowships:**

- 2002 NIH/NIMH National Research Service Award, “Economic Anxiety, Childhood Reactivity, and Well-Being,” 1F31MH65019-01A1.
- 2001 Sloan Foundation/Emory Center for Myth and Ritual in American Life Graduate Fellowship, “Economics, Ritualization, and Physiological Reactivity.”
- 1999 National Science Foundation Graduate Research Fellowship
- 1998 Emory University George W. Woodruff Fellowship

**Research Grants on Behalf of Students:**

- 2013 National Science Foundation (on behalf of M. Thomas), “Doctoral Dissertation Research: An Anthropological Study of the Social Ecology of Health Knowledge and Risk,” BCS 1323705. Awarded \$16,827.

**Other Grants (Workshops, Teaching):**

- 2018 Wenner-Gren Foundation for Anthropological Research Workshop Grant (with Sonya Pritzker), “Embodying Language in the Context of Culture: Developing Biocultural-Linguistic Anthropology through Research on Interaction, Culture, and the Human Body.” Awarded \$20,000.
- 2010 University of Alabama Active and Collaborative Learning Grant for integration of course embedded assessment of program level outcomes into ANT 215: Anthropology in Movies and Fiction.
- 2009 University of Alabama Active and Collaborative Learning Grant for integration of scoring rubrics into collaborative learning assessments for ANT 450: Anthropology of Human Development.
- 2008 University of Alabama Active and Collaborative Learning Grant, “Enhancing Active and Engaged Laboratory Learning in ANT 270: Introduction to Physical Anthropology.” Role: Project Director.

## Courses Taught:

### Biological Anthropology

- Introduction to Biological Anthropology (undergrad)
- Principles of Physical Anthropology (grad)

### Human Biology in Biocultural Perspective

- Anthropology of Human Development (undergrad, grad)
- Biology, Culture and Evolution (undergrad, grad)
- Myth of Race, Reality of Racism (undergrad)
- Neuroanthropology (undergrad, grad)
- Population Health and Human Origins (undergrad)
- Public Health Nutrition (grad)

### General Anthropology

- Anthropology in Movies and Fiction (undergrad)
- Landmarks in Anthropological Research (grad)
- Theory and Method in Medical Anthropology (grad)

## Dissertations Supervised:

In progress, as adviser & committee chair:

- Lessye Demoss (Anthropology), “Cultural Models, Ethnic Identity, Stigmatization, and Health Outcomes in a Small Southern City.” (co-advised with William Dressler)
- Kohl Dothage (Anthropology), “The Biocultural Production of Resilience amid Political and Economic Flux in Rural Nicaragua.”
- Robert Else (Anthropology), “A Biocultural Study of Ghost Possessions and Healing Rituals at Sufi Shrines in India.”
- Nicole Henderson (Anthropology), “Cultural Beliefs, Stigma, and Substance Use in Brazil.” (co-advised with William Dressler)
- Larry Monocello (Anthropology), “Culture and the Lived Experience of Male Body Ideals Among South Korean Men.” (co-advised with William Dressler)

In progress, as committee member:

- Amanda Guitar (Anthropology).
- Ndulu Ishigita (Anatomy; Catholic University of Health and Allied Sciences, Tanzania).
- Virginia Lamoureux (Psychology).

Completed, as adviser & committee chair:

- Mirjam Holleman (Anthropology), “Stigma Toward People with Disabilities and its Effects on Policy Implementation and Social Integration.” (co-advised with Marysia Galbraith)
- Mary Rebecca Read (Anthropology), “Resilience through Guadalupe: Religious Devotion and Psychosocial Stress among Hispanic Immigrants to the Rural South.”
- Martina Thomas (Anthropology), “Multiple Worlds and HIV Risk among African American Female Adolescents in the Southeast.”

Completed, as committee member:

- Courtney Andrews (Anthropology), “Culture's Role in Immigrant Health: How Cultural Consonance Shapes Diabetes and Depression among Mexican Women in Alabama.”
- B. Blakely Brooks (Anthropology), “The Andean Cultural Model of Susto: Cultural Consonance and Historical Trauma in the Andes.”
- Richard Brown II (Anthropology), “Biocultural Models, Cultural Consonance, and Salutogenesis in Type 2 Diabetes Treatment; Measuring the Impact of Symbol Systems on Health within a Mexican Community.”
- Henri Jean-François Dengah (Anthropology), “Finding Success and Health through God – A Study of Cultural Models and Health among Brazilian Pentecostals.”
- Jenelle Townsend Doucet (Anthropology), “Attention-Deficit Hyperactivity Disorder: The Sociocultural Influences on ADHD Knowledge and Diagnosis Decision-Making.”
- Alicia Gaines (Health Education & Health Promotion), “Potential and Realized Food Environments: An Application of the Social Cognitive Theory in Alabama Food Deserts.”
- Marcy Huey (Interdisciplinary), “Making Sense of Safety.”
- Meredith Jackson-de Graffenried (Anthropology), “Cultural Models, Pregnancy, and Stress: Examining Intracultural Variation in Jalisco, Mexico.”
- Luis Alberto Jimenez-Camargo (Psychology), “Predicting Childhood Externalizing Behaviors in At-Risk Youth: An analysis of the Autonomic Nervous System, Temperament, and Parenting.”
- Alexandria Johnson (Psychology), “The Relationship between Cortisol, Testosterone, and Psychopathic Traits among Adolescents.”
- David Johnson (Chemistry), “Synthetic Applications of (E)- $\alpha$ -trilalkylsilyl- $\alpha,\beta$ -unsaturated Esters.”
- Shweta Kapoor (Psychology), “Perceived Stigma, Illness Invalidation, Sleep Difficulties, and Psychological Distress in Emerging Adults in College with Persistent Pain.”
- Emily Macdougall (Psychology), “Psychopathy, Heart Rate and Skin Conductance in Adolescent Offenders.”
- Cameron Powe (Psychology), “How MAOA, Decision-Making, and Negative Parenting Impact Aggression and Conduct Problems in Children: A Gene By Environment Interaction Study.”
- Max Stein (Anthropology), “Embeddedness, Cultural Consonance, and Health in a Dynamic Migration Network in Northern Peru.”
- Sarah Szurek (Anthropology), “Cultural Models of Food and Social Networks Among Mexican Immigrants in the Southeastern United States.”
- Rachel Thibodeau (Psychology), “The Moderating Influence of Pretend-Play on the Relationship between Emotion Regulation and Executive Function.”

### **Professional Memberships:**

American Anthropological Association

(Biological Anthropology Section, Society for Medical Anthropology, Society for Psychological Anthropology)

American Association of Physical Anthropologists

Human Biology Association

### **External Leadership and Service Positions:**

2018 – present Executive Board member, Society for Psychological Anthropology

2017 – present Editorial Board, American Journal of Human Biology

- 2017 – present Treasurer and Member of the Executive Committee, Human Biology Association
- 2018 – 2019 Chair, International Early Career Scholar Travel Grant Selection Committee, Society for Psychological Anthropology
- 2013 – 2015 Secretary and Member of the Executive Committee, Human Biology Association
- 2009 – 2010 Annual Meeting Program Committee, Human Biology Association

**Departmental or University Leadership and Service Positions:**

- 2019 – present Chair, Tenure, Promotion and Retention Committee, Anthropology Dept, Univ of Alabama
- 2012 – present Tenure, Promotion and Retention Committee, Anthropology Dept, University of Alabama
- 2006 – present Technology Committee, Anthropology Dept, University of Alabama
- 2019 – 2020 Medical or Psychological Anthropology Search Committee, University of Alabama
- 2016 – 2020 Alabama Life Research Institute Advisory Board, University of Alabama
- 2008 – 2011, 2013 – 2019 Graduate Committee, Anthropology Dept, University of Alabama
- 2018 – 2019 Textbook Committee, Anthropology Dept, University of Alabama
- 2018 – 2019 Chair, Biocultural Anthropology Search Committee, University of Alabama
- 2016 – 2018 McCollough Pre-Medical Scholars Institute Curriculum Committee, University of Alabama
- 2016 – 2018 Merger or Discontinuance of Academic Units Committee, University of Alabama
- 2013 – 2018 Director of Graduate Studies, Anthropology Dept, University of Alabama
- 2013 – 2018 Executive Committee, Center for the Prevention of Youth Behavior Problems, University of Alabama
- 2017 – 2018 Chair, Medical Anthropology Search Committee, University of Alabama
- 2017 – 2018 Neuroscience Minor Development Committee, University of Alabama
- 2016 – 2017 Tenure, Promotion and Retention Committee, Department of Communicative Disorders, University of Alabama
- 2015 – 2016 Biocultural Anthropology Search Committee, University of Alabama
- 2012 – 2015 Graduate Council, The Graduate School, University of Alabama (Chair of the Program and Degree Requirements, Research and New Programs Committee, 2013 – 2015)
- 2011 – 2015 Departmental Development Committee, Anthropology Dept, University of Alabama
- 2012 – 2013 Research and Technology Working Group, College of Arts & Sciences, University of Alabama
- 2008 – 2013 Director of Instructional Technology, Anthropology Dept, University of Alabama
- 2006 – 2013 Co-Editor, Anthropology eNewsletter, University of Alabama
- 2006 – 2013 Committee on Assessment, Anthropology Dept, University of Alabama
- 2011 – 2012 Interim Director of Undergraduate Studies, Anthropology Dept, Univ. of Alabama
- 2011 – 2012 Psychology Academic Program Review Committee, University of Alabama
- 2011 – 2012 Hughes Prize Committee, Anthropology Dept, University of Alabama
- 2009 – 2012 University Recreation Committee, University of Alabama

2009 – 2010 Faculty Advisor, Up ‘til Dawn (student group), University of Alabama  
 2009 – 2010 Medical Anthropology Search Committee, University of Alabama  
 2008 – 2009 Biological Anthropology Search Committee, University of Alabama  
 2006 – 2008 Undergraduate Committee, Anthropology Dept, University of Alabama  
 2007 Interim Anthropology Club Advisor, University of Alabama  
 1999 – 2000 Graduate Concerns Committee (academic policy committee), Emory University  
 1998 Grievance Committee, Anthropology Dept, SUNY Binghamton  
 1995 Harpur College Council (academic policy committee), SUNY Binghamton

### **Other Professional Service:**

Peer review of journal manuscripts: American Anthropologist, American Journal of Human Biology, American Journal of Physical Anthropology, American Journal of Tropical Medicine & Hygiene, Annals of Applied Anthropology, Annals of Human Biology, BMJ Global Health, Current Anthropology, Developmental Psychobiology, Ecology of Food and Nutrition, Ethos, Evolution Medicine and Public Health, Frontiers in Psychiatry, Frontiers in Psychology, Human Organization, International Journal of Psychophysiology, Journal of Abnormal Child Psychology, Journal of Adolescent Health, Journal of Family Psychology, Journal of Psychopathology and Behavioral Assessment, Journal of the Royal Anthropological Institute, PLoS ONE, Psychoneuroendocrinology, Social Science & Medicine, SSM – Population Health, Structure and Dynamics, Women’s Midlife Health, Yearbook of Physical Anthropology.

Peer review of book manuscript: Oxford University Press.

Peer review of book prospectus: Academic Press/Elsevier.

Peer review of grants: Centers for Disease Control and Prevention (panelist), National Science Foundation (Cultural Program – ad hoc; Biological Anthropology Program – panelist & ad hoc), William T. Grant Foundation (ad hoc).

Other peer review: Pearson Education (online textbook supplements).

### **Refereed Journal Articles (published or accepted):**

2019 Smith DM, DeCaro JA, Murphy SL, Parmelee PA. Momentary reports of fatigue predict physical activity level: Wrist, waist, and combined accelerometry. *Journal of Aging and Health*. (<https://doi.org/10.1177/0898264319863609>)

2018 Aronoff JE, DeCaro JA. Life history theory and human behavior: Testing associations between environmental harshness, life history strategies, and testosterone. *Personality and Individual Differences* 139:110-115. (<https://doi.org/10.1016/j.paid.2018.11.015>)

2018 Parmelee P, Scicolone M, Cox B, DeCaro J, Keefe F, Smith D. Global vs. momentary osteoarthritis pain and emotional distress: Emotional intelligence as moderator. *Annals of Behavioral Medicine* 52:713-723. (<https://doi.org/10.1093/abm/kax044>)

2017 Thomas M, DeCaro JA. Body image models among low income African American mothers and daughters in the Southeast United States. *Medical Anthropology Quarterly* 32:293-310. (<http://dx.doi.org/10.1111/maq.12390>)

- 2017 Parmelee PA, Cox BS, DeCaro JA, Keefe FJ, Smith DM. Racial/ethnic differences in sleep quality among older adults with osteoarthritis. *Sleep Health* 3:163-169. (<http://dx.doi.org/10.1016/j.sleh.2017.03.010>)
- 2017 Read-Wahidi MR, DeCaro JA. Guadalupan devotion as a moderator of psychosocial stress among Mexican immigrants in the rural southern United States. *Medical Anthropology Quarterly* 31:572-591. (<http://dx.doi.org/10.1111/maq.12372>)
- 2016 Lynn CD, Dominguez JT, DeCaro JA. Tattooing to “toughen up”: Tattoo experience and secretory immunoglobulin A. *American Journal of Human Biology* 28:603-609. (<http://dx.doi.org/10.1002/ajhb.22847>)
- 2016 DeCaro JA, Manyama M, Warren W. Household-level predictors of maternal mental health and systemic inflammation among infants in Mwanza, Tanzania. *American Journal of Human Biology* 28:461-470. (<http://dx.doi.org/10.1002/ajhb.22807>)
- 2016 DeCaro JA. Beyond catecholamines: Measuring autonomic responses to psychosocial context. *American Journal of Human Biology* 28:309-317. (<http://dx.doi.org/10.1002/ajhb.22815>)
- 2015 Hadley C, DeCaro JA. Does moderate iron deficiency protect against childhood illness? A test of the optimal iron hypothesis in Tanzania. *American Journal of Physical Anthropology* 157:675-679. (<http://dx.doi.org/10.1002/ajpa.22756>)
- 2015 Weaver LJ, Worthman CM, DeCaro JA, Madhu SV. The signs of stress: Embodiments of biosocial stress among type 2 diabetic women in New Delhi, India. *Social Science and Medicine* 131:122-130. (<http://dx.doi.org/10.1016/j.socscimed.2015.03.002>)
- 2014 Hadley C, DeCaro JA. Testing hypothesized predictors of immune activation in Tanzanian infants and children: Community, household, caretaker and child effects. *American Journal of Human Biology* 26(4):523-529. (<http://dx.doi.org/10.1002/ajhb.22558>)
- 2012 Buzney CD, DeCaro JA. Explanatory models of female pubertal timing: Discordances between cultural models of maturation and the recollection and interpretation of personal developmental experiences. *Culture, Medicine, and Psychiatry* 36(4):601-620. (<http://dx.doi.org/10.1007/s11013-012-9277-8>)
- 2012 DeCaro JA, DeCaro E, Ashley DH. Investigating the social ecology of daily experience using computerized structured diaries: Physical activity among Mexican-American young adults. *Field Methods* 24(3):328-347. (<http://dx.doi.org/10.1177/1525822X12443096>)
- 2011 DeCaro JA, Worthman CM. Changing family routines at kindergarten entry predict biomarkers of parental stress. *International Journal of Behavioral Development* 35(5):441-448. (<http://dx.doi.org/10.1177/0165025411406853>)
- 2010 DeCaro JA, DeCaro E, Worthman CM. Sex differences in child nutritional and immunological status 5-9 years post contact in fringe highland Papua New Guinea. *American Journal of Human Biology* 22(5):657-666. (<http://dx.doi.org/10.1002/ajhb.21062>)
- 2008 DeCaro JA. Methodological considerations in the use of salivary  $\alpha$ -amylase as a stress marker in field research. *American Journal of Human Biology* 20(5):617-619. (<http://dx.doi.org/10.1002/ajhb.20795>)



- 2008 DeCaro JA, Worthman CM. Culture and the socialization of child cardiovascular regulation at school entry in the US. *American Journal of Human Biology* 20(5):572-583. (<http://dx.doi.org/10.1002/ajhb.20782>)
- 2008 DeCaro JA, Worthman CM. Return to school accompanied by changing associations between family ecology and cortisol. *Developmental Psychobiology* 50(2):183-195. (<http://dx.doi.org/10.1002/dev.20255>)
- 2007 DeCaro JA, Worthman CM. Cultural models, parent behavior, and young child experience in working American families. *Parenting: Science and Practice* 7(2):177-203. (<http://dx.doi.org/10.1080/15295190701306953>)

#### **Refereed Book and Encyclopedia Chapters (published or accepted):**

- In press Pritzker S, Pederson J, DeCaro JA. Language, emotion, and the body: Combining linguistic and biological approaches to interactions between romantic partners. In Wilce J, Fenigsen J, Prizker S, eds., *Routledge Handbook of Language and Emotion*. Routledge, forthcoming.
- 2017 DeCaro JA. Anthropology. In Hopkins B, Geangu E, Linkenauer S, eds., *Cambridge Encyclopedia of Child Development, 2<sup>nd</sup> edition* (pp. 745-750). Cambridge University Press. (<http://doi.org/10.1017/9781316216491.118>)

#### **Refereed Abstracts:**

- 2019 Behrens EA, DeCaro JA, Smith DM, Parmelee PA. Pain, affect, and objective activity levels in older adults with osteoarthritis. *Innovation in Aging* 3(Suppl 1):S718.
- 2019 DeCaro JA. The long, twisting road: searching for biomarkers of chronic psychosocial stress. *American Journal of Physical Anthropology* 168(S68):54.
- 2019 Schmeer KK, DeCaro J, Piperata BA, Hoehn N, Brown G, Wilson W. Maternal distress and child inflammation in a high poverty setting. *American Journal of Human Biology* 31:e23213.
- 2019 Quinn E, DeCaro J. Perceived discrimination differentially associated with inflammation depending on self-reported race/ethnicity. *American Journal of Human Biology* 31:e23213.
- 2018 DeCaro JA, Hadley C. Revisiting the postnatal female growth buffering hypothesis: A test across 44 countries. *American Journal of Human Biology* 30:e23110. (<http://dx.doi.org/10.1002/ajhb.23110>)
- 2018 Gaitán-Arróliga GF, Piperata BA, Hoehn N, Brown GE, Schmeer KK, DeCaro J, Wilson W. Disconnect between self-perceived health and risk of chronic disease among rural Nicaraguan women experiencing the nutrition transition. *American Journal of Human Biology* 30:e23110. (<http://dx.doi.org/10.1002/ajhb.23110>)
- 2018 Hoehn N, DeCaro J, Piperata B, Schmeer K, Rudkoski AK, Brown GE, Wilson W. Maternal mental health and child allostatic load in rural Nicaragua. *American Journal of Human Biology* 30:e23110. (<http://dx.doi.org/10.1002/ajhb.23110>)
- 2018 Nyanza EC, DeCaro JA, Basinda N, Ejaredar M, Konje E, Manyama M, Dewey D. Nutritional status among women and children attending postpartum care clinics in farming and gold mining communities in Northern Tanzania. *American Journal of Human Biology* 30:e23110. (<http://dx.doi.org/10.1002/ajhb.23110>)

- 2017 Brown G, Hoehn N, DeCaro J, Piperata B, Schmeer K, Wilson W. Linking growth and gut function: environmental enteropathy in children under 2 years in rural Nicaragua. *American Journal of Human Biology* 29:e22974. (<http://dx.doi.org/10.1002/ajhb.22974>)
- 2016 DeCaro JA, Dorsey AF, Manyama M, Wilson W. Cytomegalovirus antibody titers among young children in Mwanza, Tanzania: interpretation and relationship to household conditions. *American Journal of Human Biology* 28:274.
- 2016 Quinn EB, DeCaro JA. Discrimination, cultural consonance, and cell-mediated immunity among college students [abstract]. *American Journal of Human Biology* 28:293.
- 2016 Dorsey AF, DeCaro JA, Manyama M, Wilson W. Food insecurity, maternal mental health, and child morbidity in Mwanza, Tanzania [abstract]. *American Journal of Human Biology* 28:275.
- 2015 Dominguez JT, DeCaro J, Lynn CD. Tattooing as protection against enemy arrows: enhanced immune response among the heavily tattooed as an allostatic stress response [abstract]. *American Journal of Human Biology* 27:266-267.
- 2014 DeCaro JA, Van Buren L. Waist and wrist actigraphy as a measure of physical activity patterns among older adults with osteoarthritis in the EQUAL project [abstract]. *The Gerontologist* 54(Suppl 2):20.
- 2014 DeCaro JA, Gilpin AT, Boxmeyer CL, Lochman JE. "Biological Sensitivity to Context" among high-risk preschool children in Alabama: evolutionary and developmental perspectives [abstract]. *American Journal of Human Biology* 26:262.
- 2014 Dorsey AF, DeCaro JA. Food insecurity, maternal mental health and child well-being in Northwest Tanzania [abstract]. *American Journal of Human Biology* 26:263.
- 2013 DeCaro JA, Wilson W, Manyama M, Hallgrimsson B. Pathways toward differential maternal and child well-being amidst food insecurity in Tanzanian households: the role of child age and maternal affect [abstract]. *American Journal of Human Biology* 25:255-256.
- 2013 Wilson WW, DeCaro JA. Defining, operationalizing, and assessing the relationship between stress and health in contemporary Tanzanian mothers and children [abstract]. *American Journal of Physical Anthropology* S52:293.
- 2011 DeCaro JA, DeCaro E. Validation of PROUST daily activity diaries against concurrent actigraphy [abstract]. *American Journal of Human Biology* 23:256.
- 2010 DeCaro JA, DeCaro E, Worthman CM. Sex-differentiated parental care and child nutritional and inflammation status 5-9 years post contact in the fringe highlands of Papua New Guinea [abstract]. *American Journal of Human Biology* 22:251.
- 2009 DeCaro JA. Novel non-invasive alternatives for the measurement of autonomic stress responses in children and adults [abstract]. *American Journal of Physical Anthropology* 138 (S48):116-117.
- 2009 DeCaro JA, Ashley DH. Culture, daily routines, and patterns of physical activity among Mexican American residents of West Alabama [abstract]. *American Journal of Human Biology* 21:250.

- 2007 DeCaro JA, Worthman CM. Cortisol and the evolutionary design of child developmental competencies: Family function predicts adrenocortical responses during a normative ecological challenge [abstract]. *American Journal of Human Biology* 19:253.
- 2004 DeCaro JA, Kuzara JL, Worthman CM. A busy life - not what it seems? Exemplar of a new approach to the study of stress [abstract]. *American Journal of Human Biology* 16:200.
- 2004 DeCaro JA, Worthman CM. State regulation across the generations: Children's autonomic arousal and their parents' daily schedules [abstract]. *American Journal of Physical Anthropology* 123 (S38):83.
- 2001 DeCaro JA, Worthman CM, Angold A. Stress reactivity: State or trait? [abstract]. *American Journal of Human Biology* 13:117.
- 2000 DeCaro JA, Worthman CM. Human life history and mortality: A developmental evolutionary approach to differential health outcomes [abstract]. *American Journal of Human Biology* 12:265.
- 1997 DeCaro JA, Potenziano JL, Jiang R, Bane S. Preparation of fluorescently labeled alpha-tubulin [abstract]. *Molecular Biology of the Cell* 8(suppl):45a.

#### **Book Reviews:**

- 2014 Review of Mendenhall E, *Syndemic Suffering: Social Distress, Depression, and Diabetes among Mexican Immigrant Women*. In *American Journal of Human Biology* 26(4):575-576.

#### **Columns:**

- 2017 DeCaro JA. On bioculturalism and tilting at windmills. *Anthropology News* Dec 12, 2017. (<https://doi.org/10.1111/AN.723>)
- 2015 DeCaro JA. What's biological about biocultural research? (Part 2). *Anthropology News* 56(6):e1-e2. (<http://dx.doi.org/10.1111/j.1556-3502.2015.560601.x>)
- 2015 DeCaro JA. What's biological about biocultural research? (Part 1). *Anthropology News* 56(3):e1-e2. (<http://dx.doi.org/10.1111/j.1556-3502.2015.560301.x>)

#### **Invited Lectures, Papers and Presentations:**

- 2019 Anderson-Fye E, DeCaro JA, Prizker SE (alphabetical). Strategies for successful grant writing. Invited workshop presenter, Society for Psychological Anthropology, Santa Ana Pueblo, New Mexico, Apr 2019.
- 2019 DeCaro JA. The long, twisting road: searching for biomarkers of chronic psychosocial stress. Invited poster symposium, American Association of Physical Anthropologists, Cleveland, Mar 2019.
- 2017 DeCaro JA, Pritzker SE. Dangerous liaisons: embodiment as a bridge among linguistic, psychological, and biocultural anthropology. Presidential plenary presentation, Society for Psychological Anthropology, New Orleans, Mar 2017.

- 2015 DeCaro JA. Culture gets under the skin: The implications of everyday experience for human biology and health. Invited lecture, Winternitz Conference, College of Community Health Sciences at the University of Alabama, Sept 2015.
- 2014 Gilpin AT, Boxmeyer C, DeCaro J, Lochman J. Improving family well-being and child school readiness: Power PATH dual generation intervention with Head Start preschoolers and their parents. Invited paper and poster (hybrid presentation) for the Head Start National Research Conference, Washington, Jul 2014.
- 2014 Invited panelist on Teaching Biological Anthropology in the 21<sup>st</sup> Century, American Association of Physical Anthropologists, Calgary, Apr 2014.
- 2010 DeCaro JA. Imagining tomorrow's families: A developmental, ecological approach. Invited paper for the Emory University Center for Myth and Ritual in American Life conference, Imagining the Future of the Family, Atlanta, Nov 2010.
- 2007 DeCaro JA, Worthman CM. Self-regulation: Development and deconstruction. Invited paper at the American Anthropology Association, Washington, Nov/Dec 2007.
- 2005 DeCaro JA, Worthman CM. Daily Life Architecture and child self regulation: The role of the developmental microniche. Invited paper at the American Anthropological Association, Washington, Nov/Dec 2005.
- 2005 DeCaro JA, Worthman CM. Policy implications of biosocial research on child development. Invited session organized at the American Anthropological Association, Washington, Nov/Dec 2005. Participants: Konner, Suomi, Kuzawa & McDade, Bornstein & Cote, DeCaro & Worthman, Martorell, Bachrach.
- 2005 Invited panelist on future directions for the field of Anthropology, Wenner Gren Young Researchers' Conference, New York, Oct 2005.

**Volunteered Sessions Organized / Volunteered Papers and Presentations (excluding those also published as peer-reviewed abstracts; see above):**

- 2019 Nancarrow AF, Gilpin AT, Boxmeyer CL, DeCaro JA, Lochman JE, Farrell CB, Thibodeau RB. A holistic approach to understanding children's emotion regulation: A longitudinal investigation of Head Start children and families. Poster for the Cognitive Development Society, Louisville, KY, October 2019.
- 2019 DeCaro JA, Prizker SE, Manns M, Else R, Pederson J. Culture gets under the skin and comes right back out: A Biocultural-Linguistic-Psychological Model for the embodiment of momentary interactions. Poster for the Society for Psychological Anthropology, Santa Ana Pueblo, New Mexico, April 2019.
- 2019 DeCaro JA, Pritzker SE (alphabetical). Cultural schemas in use across the life course: Transmission, circulation, interaction, embodiment. Chairs/moderators for a roundtable at the Society for Psychological Anthropology, Santa Ana Pueblo, New Mexico, April 2019. Participants: DeCaro, Pritzker, Quinn, Rae-Espinoza, Sirota, Strauss.
- 2019 Schmeer K, DeCaro J, Piperata B, Wilson W. Maternal distress and child inflammation in a high stress setting. Paper for the Society for Research in Child Development, Baltimore, MD, March 2019.

- 2019 Nancarrow A, Gilpin A, Lochman J, DeCaro J, Boxmeyer C. Children's Emotion Regulation Moderates Parent Well-being and Child Victimization: Contributions of Family and Community Factors. Poster for the Society for Research in Child Development, Baltimore, MD, March 2019.
- 2019 Thibodeau R, Nancarrow A, Gilpin A, DeCaro J, Armknecht S. Physiological Substrates of Imagination in Childhood. Poster for the Society for Research in Child Development, Baltimore, MD, March 2019.
- 2019 Thibodeau R, Gilpin A, DeCaro J, Boxmeyer C, Lochman J. Pretend-Play as a Protective Factor for Executive Function and School Readiness Outcomes in Head Start. Paper for the Society for Research in Child Development, Baltimore, MD, March 2019.
- 2019 DeCaro J, Boxmeyer C, Gilpin A, Lochman J. Power PATH: Integrated two-generation intervention for Head Start children and families. Paper for the Society for Research in Child Development, Baltimore, MD, March 2019.
- 2018 Thibodeau RB, Gilpin AT, DeCaro JA, Lochman JE, Boxmeyer CL. Pretend-Play as a Protective Factor for Developing Emotion Regulation, Physiological Reactivity, and Executive Functions: A Mixed-Method Study in Head Start Preschools. Poster for the National Research Conference on Early Childhood, Arlington, VA, June 2018.
- 2018 Gilpin A, Boxmeyer C, DeCaro J, Lochman J. Power PATH: Integrated Two-Generation Intervention for Head Start Children and Families. Paper for the National Research Conference on Early Childhood, Arlington, VA, June 2018.
- 2018 Nancarrow A, Gilpin A, Thibodeau R, Boxmeyer C, DeCaro J, Lochman J. Disentangling Community and Family Effects on Head Start Parent and Family Outcomes. Poster for the National Research Conference on Early Childhood, Arlington, VA, June 2018.
- 2017 Hoehn N, DeCaro J, Piperata B, Schmeer K, Rudkoski AK, Brown GE, Wilson W. Maternal mental health and child allostatic load in rural Nicaraguan children aged 2 – 12 years old. Paper for the Canadian Association for Physical Anthropology, Calgary, AB, Canada, Oct 2017.
- 2016 Boxmeyer C, DeCaro J, Gilpin A, Lochman J, Qu L, Mitchell Q, Snead S. Power PATH: Integrated two-generation social emotional intervention for Head Start preschoolers and their parents. Paper for the National Research Conference on Early Childhood, Washington, D.C., Jul 2016.
- 2016 Brown GE, Hoehn N, Piperata BA, Schmeer KK, DeCaro J, Wilson WM. The challenges of defining and operationalizing "health" in different cultural contexts. Poster for the Society for Applied Anthropology, Vancouver, Mar – Apr 2016.
- 2015 Dressler WW, DeCaro JA. Stress and health from genes to culture: genetic, epigenetic, developmental and biocultural interactions. Session organized at the American Anthropological Association, Denver, Nov 2015. Participants: Dengah, Tallman, Howells et al., Dressler, Schultz et al., DeCaro.
- 2015 DeCaro JA. What constitutes a 'constitution?' Biological sensitivity, canalization, and the biocultural substrates of differential resilience. Paper for the American Anthropological Association, Denver, Nov 2015.

- 2015 Boxmeyer C, Gilpin A, DeCaro J, Lochman J, Mitchell Q. Power PATH: Integrated two-generation social emotional intervention for Head Start preschoolers and their parents. Paper for the Association for Public Policy Analysis & Management, Miami, Nov 2015.
- 2015 Nancarrow A, Gilpin A, Boxmeyer C, DeCaro J, Lochman J. Roles of self-regulation and familial economic stress on Head Start school readiness. Poster for the Cognitive Development Society, Oct 2015.
- 2015 Thibodeau RB, Brown MM, Gilpin AT, Boxmeyer C, DeCaro J, Lochman J. Relations between executive functions in childhood across multiple informants. Poster for the Cognitive Development Society, Oct 2015.
- 2015 DeCaro JA. Enculturing the brain: toward a neuroanthropology of childhood. Paper for the Society for Psychological Anthropology, Boston, Apr 2015.
- 2014 DeCaro J, Boxmeyer C, Gilpin A, Lochman J. Biological sensitivity to context as moderator in a preliminary trial of the Power PATH preventive intervention program for preschool. Poster for the Head Start National Research Conference, Washington, Jul 2014.
- 2014 Gilpin AT, Boxmeyer C, DeCaro J, Lochman J. Power PATH Universal preschool intervention's effects on executive function. Poster for the Society for Prevention Research, Washington, May 2014.
- 2013 DeCaro JA, Wilson W. Untangling the knot of correlated adversities: Food insecurity, maternal depression, and maternal & child health in Mwanza, Tanzania. Paper for the American Anthropological Association, Chicago, Nov 2013.
- 2013 Tucker BT, Tanner SN, DeCaro JA. Correlates of poverty, determinants of prosperity: refining concepts and sorting cause from consequence using anthropological insights. Volunteered session organized at the American Anthropological Association, Chicago, Nov 2013. Participants: Tucker, Pike, DeCaro & Wilson, Cole, Tanner, Dengah, Piperata & McSweeney, Johnston, Thompson, Read-Wahidi, Hicks & Nelson, Szurek et al., Hadley & Hruschka.
- 2013 Wilson W, DeCaro JA, Manyama M, Hallgrimsson B. Maternal mental health as a mediator of the impact food insecurity on child health in a peri-urban region of Tanzania. Paper for the Canadian Association for Physical Anthropology, Scarborough, Ontario, Canada, Oct 2013.
- 2013 Gilpin A, Boxmeyer C, DeCaro J, Lochman J. Improving school readiness: Physiological moderation of the efficacy of a preschool intervention for preventing behavior problems. Poster for the Society for Research in Child Development, Apr 2013.
- 2013 DeCaro JA, Thomas M, McCallum D. "Thick" vs. "Slim:" Intracultural Variability in Models of Body Size Among Low-Income African-American Adolescent Girls and Mothers in Mobile, Alabama. Paper for the Society for Anthropological Sciences, Feb 2013.
- 2012 Thomas M, DeCaro JA. "Big boned from the first day I met her:" Perceptions of obesity among low socioeconomic status African American mothers and daughters in Mobile, Alabama. Paper for the American Anthropological Association, San Francisco, Nov 2012.
- 2012 Boxmeyer C, Gilpin A, Lochman J, DeCaro J, Pierucci J, McInnis M, Jimenez-Camargo LA, Thomas M, Domitrovitch C. Preschool PATHS and Coping Power behavioral parent training for at-risk preschoolers. Poster for the Society for Prevention Research, Washington, DC, May 2012.

- 2012 Hadley C, DeCaro J. Novel insights into pathways linking wellbeing and insecure access to food. Volunteered session organized at the Society for Applied Anthropology, Baltimore, MD, March 2012. Participants: Hadley, Oths & Dressler, Cowherd et al., Cooper, DeCaro et al.
- 2012 DeCaro J, Wilson W, Manyama M, Hallgrimsson B, Thomas M, Taghvai B, Riley B, Carroll G. Food insecurity, maternal mental health, and immune system function in Mwanza, Tanzania: Pathways toward differential child wellbeing. Paper for the Society for Applied Anthropology, Baltimore, MD, March 2012.
- 2009 DeCaro JA. Physical activity, body composition, and the embodiment of culture through daily routine. Paper for the Society for Medical Anthropology, New Haven, CT, Sept 2009.
- 2008 DeCaro JA, Worthman CM. When stress isn't stressful. Paper for the Society for Medical Anthropology, Memphis, TN, Mar 2008.
- 2007 Worthman CM, DeCaro JA. Cultural models, parenting stress, and daily life predictors of child mood and behavior problems after return to school. Paper for the Society for Research in Child Development, Boston, Mar/Apr 2007.
- 2007 DeCaro JA. Perspectives on anthropological research in child development using psychobiological markers. Roundtable panelist for the Society for Research in Child Development, Boston, Mar/Apr 2007.
- 2007 Worthman CM, DeCaro JA. Culture checks in but it doesn't check out: Cultural models, parenting practices, and child self regulation. Paper for the Society for Psychological Anthropology, Manhattan Beach, CA, Mar 2007.
- 2006 DeCaro JA, Worthman CM. Characterizing the bioecocultural architecture of daily life: Family function and child arousal regulation during a normative social challenge. Paper for the American Anthropological Association, San Jose, Nov 2006.
- 2006 DeCaro JA, Brown RA, Worthman CM. Up close and personal: Examining well-being in relation to everyday social ecology. Paper for the Society for Applied Anthropology, Vancouver, Mar/Apr 2006.
- 2006 DeCaro JA, Worthman CM. Everyday social ecology and child stress: Differential effects of social challenge vs. stability. Poster for the Society for Medical Anthropology, Vancouver, Mar/Apr 2006.
- 2005 DeCaro JA, Worthman CM. Autonomic arousal and the architecture of daily life: Children's reactivity predicts parents' scheduling density. Poster at the Society for Research in Child Development, Atlanta, Apr 2005.
- 2003 Worthman CM, DeCaro JA. Impact of time demands on family well-being: Findings from the Great Smoky Mountains Study. Paper at the Alfred P. Sloan Foundation Centers for Working Families, Los Angeles, May 2003.
- 2003 DeCaro JA, Worthman CM. The "time bind" and the cultural ecology of stress in metropolitan Atlanta, Georgia. Poster at the Society for Research in Child Development, Tampa, Apr 2003.
- 2003 DeCaro JA. Bioculture and the proximal ecology of stress. Paper at the national symposium "Building Biocultural Anthropology," Atlanta, Mar 2003.

- 2002 Brown R, DeCaro JA, Worthman CM. Becoming Human: Anthropology and Human Development. Session organized at the American Anthropological Association, New Orleans, Nov 2002. Participants: Desjarlais, McDade, Harkness, Rilling, Panter-Brick, Hinton.
- 2002 DeCaro JA, Worthman CM. Judging structure and chaos in families' daily schedules - what are the relevant variables? Paper at the Alfred P. Sloan Foundation Centers for Working Families, Atlanta, May 2002.
- 2001 Picone-DeCaro EM, DeCaro JA, The Mothers and Babies Perinatal Network of SCNY, Inc. Predictors of early weaning and breast-feeding supplementation among new mothers in the Southern Tier of New York. Poster at the American Public Health Association, Atlanta, Oct 2001.
- 1999 DeCaro JA. Cybercommunication in collegespace: The electronic/personal juncture in a campus living community. Paper at the American Anthropological Association, Chicago, Nov 1999.