

TARA LYNN GRUENEWALD, PhD, MPH
CURRICULUM VITAE

CONTACT INFORMATION

Business Address: Department of Psychology
Crean College of Health and Behavioral Sciences
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EDUCATION

2004	MPH	University of California, Los Angeles School of Public Health Major: Health Services Management & Policy
2003	PhD	University of California, Los Angeles Department of Psychology Major: Social & Health Psychology; Minor: Psychometrics
1998	MA	University of California, Los Angeles Department of Psychology Major: Psychology
1996	BS	University of California, Davis Major: Psychobiology; Minor: Sociology

PROFESSIONAL EXPERIENCE

Present Position:

2017 - present Associate Professor & Chair
Department of Psychology
Crean College of Health and Behavioral Sciences
Chapman University

Courses of Instruction:

Psychology 327, Lifespan Development

2016 – 2017 Associate Professor
Interim Director, Center for Successful Aging

Gerontology, Department of Family & Consumer Sciences
California State University, Long Beach

Courses of Instruction:

Gerontology 400, Introduction to Gerontology
Gerontology 401, Human Aging
Gerontology 482/582, Assessment
Gerontology 563, Program Evaluation
Gerontology 600, Leadership and Administration

Previous Positions:

2011 - 2016

Assistant Professor
Davis School of Gerontology
University of Southern California

Courses of Instruction:

Gerontology 500, Introduction to Gerontology
Gerontology 508, Mind-Body Processes in Healthy Aging
Gerontology 593, Research Methods & Introductory Statistics

2005 -2011

Assistant Professor in Residence
Department of Medicine, Division of Geriatrics
University of California, Los Angeles

2008 - 2011

Instructor, Frontiers in Human Aging
Freshman Clusters Program
University of California, Los Angeles

2003 – 2005

Assistant Research Scientist
Department of Medicine, Division of Geriatrics
University of California, Los Angeles

2003

Instructor, Research Methods in Non-Experimental Social Psychology
Department of Psychology
University of California, Los Angeles

1998 – 2003

Teaching Assistant
Department of Psychology
University of California, Los Angeles
Courses:

- Health Psychology
- Social Psychology
- Close Relationships
- Psychology of Gender
- Research Methods

1998 – 2003

Research Assistant

- PI: Dr. Teresa Seeman (6/02 – 6/03)

- Department of Medicine, Geriatrics, UCLA
 - PI: Dr. Shelley Taylor (6/98 – 8/98)
Department of Psychology, UCLA
 - PIs: Dr. Margaret Kemeny & Dr. Peter Anton
Department of Medicine, Digestive Diseases, UCLA
 - PI: Dr. Sally Mendoza (4/96 – 8/96)
California Regional Primate Research Center, UC Davis
- 2000 Graduate Student Mentor
UCLA Summer Research Program for Undergraduates
University of California, Los Angeles
- 1997 Course Reader, Behavioral Endocrinology
Department of Psychology, UC Davis

PROFESSIONAL ACTIVITIES

Professional Affiliations and Service:

- MacArthur Foundation Network on Socioeconomic Status and Health, Network Associate, 2007 – 2009
- Russell Sage Foundation, Network on Income Inequality and Health, Network Member, 2007 – 2009
- Older Americans Independence Center (OAIC), Junior Faculty Representative, 2007 – 2008
- California Center for Population Research, Affiliated Faculty Member, 2008-2011
- UCLA Health Psychology Program, Affiliated Faculty Member, 2007-2011
- UCLA Gerontology Interdisciplinary Minor Development Working Group, 2010-2011
- Senior Corps Technical Working Group Member, JBS International, 2014 - 2015
- Foster Grandparents Program Technical Working Group Member, ICF International, 2014 - 2015
- Working Group on Life Course Health Dynamics and Disparities, Member, 2011 – present
- National Institute on Aging, Division of Behavioral and Social Research, Stress Measurement Working Group, 2012 – present
- California Council on Gerontology and Geriatrics, Board Member, 2010 - present
- California Council on Gerontology and Geriatrics, Development Committee Chair, Awards Committee, Education Committee, Member, 2014 – present
- California Council on Gerontology and Geriatrics, President, 2016 - present
- Gerontological Society of America, Member, 2006 – present
- Gerontological Society of America, 2016 Program Committee Co-Chair, 2014 - 2016
- Gerontological Society of America, Fellow, 2016 – present
- American Psychosomatic Society, Member, 2008 – present

American Psychosomatic Society, Program Committee, Member, 2009 - 2011

American Psychosomatic Society, Nominating Committee, 2015 - 2016 term, elected

American Psychosomatic Society, Professional Education Committee, Member, Council Liason, 2015 - present

American Psychosomatic Society, Leadership Council, 2014 – 2017 term, elected

Center for Excellence in Biopsychosocial Approaches to Health (CEBAH), Chapman University, Member, 2017 - present

Ad Hoc Reviewer:

Aging and Mental Health

American Journal of Geriatric Psychiatry

Annals of Epidemiology

Biological Psychology

Brain, Behavior, and Immunity

Experimental Gerontology

Health Psychology

Journal of Aging and Health

National Academies Press

Physiology and Behavior

Preventive Medicine

Psychiatry Research

Psychology and Aging

Psychoneuroendocrinology

Psychosomatic Medicine

Journal of the American Medical Association

Journal of Aging and Health

Journal of the American Geriatrics Society

Journal of Behavioral Medicine

Journals of Gerontology: Medical Sciences

Journals of Gerontology: Psychological Sciences

Journals of Gerontology: Social Sciences

Journal of Health Psychology

Research in Human Development

Social Science and Medicine

Coronary Artery Risk Development in Young Adults (CARDIA) Study, Presentations and Publications Committee, Ad Hoc Reviewer

Grant Proposal Reviewer:

National Institutes of Health/National Institute on Aging, Datasets in Aging Grant Review Panel, February, 2013, August, 2013

National Institutes of Health, Biobehavioral Mechanisms of Emotion, Stress and Health (MESH) Study Section, February, 2016

Southern California Clinical and Translational Science Institute, Pilot Grant Reviewer, 2013, 2014

Israel Ministry of Science, Technology and Space, Grant Reviewer, 2014, 2015

CFIDS Association of America, 2011

National Science Foundation, Social Psychology Division, 2011

Social Sciences and Humanities Research Council, 2011, 2016

Medical Research Council, 2008, 2009

Faculty Research Grant Reviewer, UCLA Academic Senate, 2009

Conference Abstract Reviewer:

Gerontological Society of America, Annual Conference Abstract Reviewer, 2012, 2013, 2015, 2016

International Association of Gerontology & Geriatrics, Conference Abstract Reviewer, 2016

American Psychosomatic Society, Annual Conference Abstract Reviewer, 2009, 2010, 2011, 2014, 2016

UNIVERSITY SERVICE

Doctoral Committee Service

University of Southern California: (1) Elizabeth Hagood, Chair; (2) JooHong Min, Co-Chair; (3) Christine Juang, Co-Chair; (4) Seung-Youn Kim, Member; (5) Nicholas Pisca, Member; (6) Carrie Donoho, Member

University of California, Los Angeles: (1) Gretchen Scholty, Member; (2) Kimberly Dienes, Member; (3) Yunkyung Jung, Member; (4) Clarissa Lowe, Member

Doctoral Guidance Committee Service

University of Southern California: (1) Allison Ponzio, Member; (2) Morgan Cannon, Member; (3) Nick Woodward, Member; (4) Yongjie Yon, Member; (5) Diana Wang, Chair; (6) Molli Grossman, Chair; (7) Yuan Zhang, Member

CSULB Center for Successful Aging, Interim Director, 2016 – 2017

CSULB, Department of Family & Consumer Sciences, Consumer Affairs, Faculty Search Committee, 2016-2017

USC Davis School of Gerontology Creativity and Aging Initiative, Scientific Director

USC Davis School of Gerontology PhD Committee, Member, 2012 - 2016

USC Davis School of Gerontology Masters Committee, Member, 2015 - 2016

USC Roybal Center Memorial Lecture Planning Committee, Member, 2011

USC Good Neighbor Campaign, Department Co-Leader, 2014

Undergraduate Curriculum Committee, Psychology Department, Chapman University, Chair, 2017 – present

Faculty Review Committee, Crean College of Health & Behavioral Sciences, Member, 2017 - present

HONORS AND SPECIAL AWARDS

Gerontological Society of America, Fellow, 2016

USC Student Gerontology Association, Faculty of the Year Award, 2016

USC Mellon Mentoring Award, 2015

Betty and James E. Birren Emerging Leader Award, California Council on Gerontology & Geriatrics, 2013

Bronfenbrenner Conference on *New Developments in Aging, Emotion, and Health*, Early Career Fellow, 2013

LIFE Study, Ancillary Study Symposium, Junior Investigator, 2011

UCLA Department of Medicine Research Day Junior Faculty Award, 2006

Proceedings of the National Academy of Sciences, Top 20 Most Read Online Articles, for *Combinations of Biomarkers Predictive of Later Life Mortality*, September 2006

American Psychosomatic Society Scholars Award, 2004

Citation Poster, American Psychosomatic Society, 2004

Health Emotions Research Institute Travel Award, 2003

APA Dissertation Award, 2002

SPSSI Grants-In-Aid Award, 2002

UCLA Graduate Division Dissertation Research Award, 2002

B.S., High Honors, UC Davis, 1996

Phi Beta Kappa, Psi Chi, Prytanean Honor Society, UC Davis, 1996

RESEARCH GRANTS AND FELLOWSHIPS

ACTIVE

NIH/NIA (R01 AG-056163-01; PI: Prescott)

09/01/16 – 08/31/21

Risk for Alzheimer's Disease and Cognitive Decline in Project TALENT

Purpose: The purpose of this project is to investigate the adolescent individual and contextual factors that shape late-life risk for cognitive decline, Alzheimer's Disease and related disorders in a large sample of twins and siblings from the Project Talent study.

Role: Co-Investigator

NIH/NIA (R01AG054068-01; PI: Chen)

12/1/16– 11/30/21

Alzheimer's Disease and Related Dementias: Geography, Environments and Mechanisms

Purpose: The long-term goal of this project is to better understand the geographic disparities in Alzheimer's disease and related dementias (ADRD) by studying the neuropsychological trajectories and clinical progression to increased ADRD risk as related to geographic indicators, identifying the contributing environmental factors and examining their interactions, and elucidating the possible neurobiological mediators.

Role: Co-Investigator

NIH/NIA (R24 AG048024; MPI: Epel, Mendes)

9/1/14 – 4/03/19

Advancing Psychosocial and Biobehavioral Stress Measurement to Understand Aging

Purpose: The purpose of this R24 proposal is to support the development of a Behavioral and Social Research Network on psychosocial and biobehavioral stress measurement. The network will bring together experts in stress research to address stress measurement challenges in the field, including the need to guide future research.

Role: Co-Investigator

Jewish Community Foundation (PI: Gruenewald)

8/15/14 – 8/14/17

Zekenim: Honoring and Celebrating Los Angeles' Jewish Elders

Purpose: The purpose of this award is to develop, and conduct an implementation feasibility and effectiveness intervention study of, the Living Canvases/Zekenim program. This program utilizes life review techniques to capture the life stories and important turning points in the lives of Jewish elders and to share these stories with teenage and young adult artists who will create art inspired by elders' life stories which will then be shared with the community in receptions and urban actions.

Role: Principal Investigator

NIH/NHLBI (1 R01 HL119255-01; PI: Dunton)

7/1/2013 - 6/30/2018

Maternal Stress and Children's Obesity Risk

Purpose: The purpose of this study is to determine whether levels of stress among working mothers are related to increased obesity risk in their children. It will use novel methods, such as ecological momentary assessment, to examine within-day mother-to-child stress processes that contribute to children's long term obesity risk.

Role: Co-Investigator

COMPLETED

USC/UCLA Biodemography Center Pilot Project (P30 AG017265)

7/1/15 – 6/30/16

Development and Validation of a Self-Administered Tablet Computer Cognitive Assessment

Purpose: The purpose of this project is to develop and validate a set of cognitive assessment tasks to be administered via tablet computers and internet protocols for use in population surveys.

Role: Co-Investigator

USC Zumberge Interdisciplinary Small Grant (PIs: Prescott, Gruenewald, McArdle)

5/21/15 – 5/20/16

Resilience of Americans Across the Life Course

Purpose: The objective of this project is to provide pilot data to support a Program Project Grant application to the National Institute on Aging.

Role: Co-Principal Investigator

USC Undergraduate Research Associates Program (PI: Gruenewald)

6/1/15 – 5/31/16

Mentoring Undergraduate Researchers in the Investigation of PsychoSocial and Biological Correlates of Healthy Aging

Purpose: The objective of this project is to support the training of undergraduate researchers in a number of scientific investigations in the USC Healthy Aging Lab designed to examine psychosocial and biological correlates of healthy aging.

Role: Principal Investigator

USC Population Research Center (Multiple PI: Prescott, Gruenewald)

1/1/15 – 12/31/15

Separating the Impacts of Community and Family Factors on Adolescent Cognitive Abilities and Early Adult Educational and Occupational Achievements

Purpose: The purpose of the pilot application is to develop a Census-derived database of 1960 demographic and socioeconomic indicators for school communities for the 1,200 schools in the Project Talent database.

Role: Co-Principal Investigator

Hanson-Thorell Pilot Study Award (PI: Gruenewald)

7/1/14 – 6/30/15

Risk and Resilience Factors That Shape the Long Arm of Early Childhood Adversity

Purpose: The purpose of this award is to investigate the individual (demographic, psychosocial, cognitive/intellectual) and contextual (family, school and neighborhood/community characteristics) that shape socioeconomic mobility in early adulthood and the late life correlates of different life course socioeconomic mobility patterns. These questions will be explored in Project Talent, a nationally representative study of 377,000 high school students conducted in 1960 with initial follow-ups over an 11-year period and a 50-year follow-up of a small subsample (random 1%).

Role: Principal Investigator

NIH/NIA (R21 AG044260-01A1; PI: Sloan)

4/1/13 – 3/31/15

Psychosocial Factors and Aging: Effects on Resting/Reflexive Cardiovascular Control

Purpose: The purpose of this project is to score blood pressure variability data already collected in the Biomarker Substudy of the Study of Midlife in the U.S. (MIDUS) and examine the psychosocial correlates of BPV and BPV as a predictor of 5-year mortality.

Role: Co-Investigator

USC Undergraduate Research Associates Program (PI: Gruenewald)

6/1/14 – 5/31/15

Incorporating Undergraduate Researchers in an Experience Sampling Study of the Stress-Amplifying and Stress-Buffering Effects of Generativity in Grandparent Caregivers

Purpose: The objective of this proposal is to obtain Undergraduate Research Associates Program (URAP) support to involve undergraduate researchers in a mixed longitudinal and daily experience sampling design study of grandparent caregivers. The aim of the study is to examine the potential stress-buffering and stress-amplifying roles that positive and negative perceptions of generativity (perceptions of playing a valuable and useful role in the lives of others), respectively, may play in associations between caregiving stress and cognitive-emotional, physiological, and cognitive and physical functioning in grandparent caregivers.

Role: Principal Investigator

Clinical and Translational Science Institute (PI: Gruenewald)

A Pilot Feasibility Assessment of the Art Through the Ages Intergenerational Activity Intervention
7/1/2013 – 6/30/2014

Purpose: The purpose of this project is to conduct a feasibility assessment of the Art Through the Ages (ATTA) Intergenerational Activity Intervention. The ATTA Intervention is designed to explore the psychosocial, behavioral, physical and cognitive benefits of older adults' engagement in an intergenerational education program.

Role: Principal Investigator

USC Undergraduate Research Associates Program (PI: Gruenewald)

6/1/13 – 5/31/14

Incorporating Undergraduate Researchers in a Daily Experience Sampling Study of the Well-Being Benefits of Generative Activity Engagement in Later Life

Purpose: This award provides research fellowship support for involvement of USC undergraduate students in a research study focused on the use of electronic experience sampling techniques to explore the mental and physical health benefits of generative activity in older adults.

Role: Principal Investigator

NIH/NIA (K01 AG028582-01A; PI: Gruenewald)

9/1/07 – 8/31/12

K01 Mentored Career Development Award

Perceptions of Social Value/Usefulness as Predictors of Health in Older Adults

Purpose: The major goal of this career development award is to build a program of research examining the role of individuals' perceptions of their social value and usefulness to others and the impact of these perceptions on psychosocial well-being, cognitive and physical functioning, morbidity and mortality in later life. A secondary goal is to understand the social and environmental factors that shape older adults' perceptions of their social value. Research to address CDA aims is focused on analyses in the Study of Midlife in the U.S. (MIDUS) and the Baltimore Experience Corps Trial.

Role: Principal Investigator

NIH/NIA (K01 AG028582-03S1; PI: Gruenewald)

9/1/09 – 8/31/12

Administrative Supplement to K01 Mentored Career Development Award

Experience Corps Volunteer Experiences Survey

Purpose: The major goal of this administrative supplement application to my K01 Career Development Award is to support a substudy to the Experience Corps Intervention trial that is designed to measure both the positive and negative aspects of a volunteer intervention program in older adults designed to promote healthy cognitive, physical and mental aging.

Role: Principal Investigator

NIH/NIA (PI: Gruenewald)

7/1/12 – 6/30/13

USC/UCLA Center for Biodemography Pilot Grant

Feasibility Assessment of an Electronic Tool to Measure Daily Generative Activity

Purpose: The purpose of this project is to examine the feasibility of implementation of an electronic monitoring protocol for measuring generativity activity and its cognitive and affective correlates in a sample of older adults engaged in an intergenerational art activity program.

Role: Principal Investigator

NIH/NIA (P01 AG027735-01, PI: Fried)

12/1/06 – 11/30/11

Subcontract from Johns Hopkins University

Improving Health of Older Populations through Generativity

Purpose: The goal of this project is to test a social/behavioral intervention to promote health in older adults through provision of new “socially generative roles” that involve helping elementary school children to succeed in school.

Role: Co-Investigator

Russell Sage Foundation (83-07-10; PIs: Wolfe, Evans & Seeman)

01/01/07 - 12/31/09

Towards Improving our Understanding of the Tie between Income and Health

Purpose: The major goal of this award is to investigate associations between income inequality and health in the United States.

Role: Co-Investigator

NIA/NIH (3P01AG020166-03S1, PI: Ryff)

12/1/04 -11/30/08

Integrative Pathways to Health and Illness

Purpose: The goal of this project was to expand the assessment of biological regulatory systems and their role as pathways for links between psychosocial factors and health outcomes in the Study of Midlife in the U.S. (MIDUS).

Role: Co-Investigator

NIH/NIA (P30 AG028748; PI: Reuben)

7/1/06 – 12/31/07

Claude Pepper Older Americans Independence Center

Career Development Award

Social Environment Effects on Functional Ability and Health Status in Older Adults

Purpose: The major goal of this career development award was to build a program of research examining the role of social factors, especially individuals’ perceptions of their social value/usefulness, in promoting and maintaining positive trajectories of cognitive and physical functioning in older adults.

Role: Career Development Award Recipient

UCLA Faculty Research Grant

7/1/06-6/30/07

Development of a Measure of Perceived Usefulness to Others for Use in Older Adults

Purpose: The goal of this pilot grant was to develop a measure of perceived social usefulness for research with older adult populations.

Role: Principal Investigator

NIH/NIA (P30 AG017265, PI: Crimmins)

10/1/05 – 6/30/06

USC/UCLA Center for Biodemography

Pilot Grant Award

Feelings of Usefulness and Disability and Mortality Outcomes in the MacArthur Study of Successful Aging: Psychosocial, Behavioral and Physiological Pathways

Purpose: The primary goal of this pilot grant was to explore the physiological and behavioral pathways through which feelings of usefulness to others affect disability, morbidity and mortality outcomes in older adults.

Role: Principal Investigator for Pilot Award

NIH/NIMH (F31 MH12703)

4/1/00 – 3/31/03

National Research Service Award (Individual)

Self-evaluation and Endocrine/Immune Responses to Stress

Purpose: The purpose of this training award was to receive further training in health and social psychology and psychoneuroimmunology and to begin a program of research focused on interactions between the social environment, self-perceptions, physiology and health.

Role: Principal Investigator

NIH/NIMH

9/1/97 – 8/31/99

National Research Service Award (Institutional)

Health Psychology Training Grant Fellowship

Purpose: The purpose of this training award was to receive training in health psychology.

Role: Fellowship Trainee

SUBMITTED, NOT FUNDED

NIH/NIA (1P01 AG049667-02; Project PI: Gruenewald)

07/01/2016 – 06/30/2021

Later Life Psychosocial and Physical Resilience to Adolescent Socioeconomic Adversity

Purpose: The purpose of this Project of the P01 *The Project Talent Aging Study* is to investigate the adolescent individual and contextual factors that shape patterns of socioeconomic mobility across the life course and the implications of different socioeconomic trajectories for later life psychosocial and physical resilience among a subsample (targeted n ~ 14,000) of participants from the proposed creation of the longitudinal Project Talent Aging Study.

Role: Principal Investigator

NIH/NIA (PI: Carlson)

04/01/2016 – 03/31/2021

Does a Community-Based, Real-World Intervention Lead to Sustained Changes in Lifestyle Activity and Reduce Risks for Dementia and Frailty?

Purpose: The purpose of this project is to support a long-term follow-up for the Baltimore Experience Corps Trial. Specifically, this project would examine whether engagement in the intergenerational generative engagement volunteer program, Experience Corps, led to positive long-term changes in older adults' level of lifestyle activity, psychosocial well-being, and cognitive and physical functioning.

Role: Co-Investigator

NIH/NIA (PI: Gruenewald)

9/1/16 – 8/31/18

Capturing Everyday Generative Burdens and Benefits in Grandparent Caregivers

Purpose: The purpose of this project is to conduct a feasibility assessment of a mixed longitudinal and daily experience sampling methodology protocol to investigate interconnections between contributory demands, perceptions of generative burdens and benefits, cognitive-emotional, behavioral, and physiological processes, and cognitive functioning, both daily and over time.

Role: Principal Investigator

NIH/NIA (1P01AG049667-01 (MPI); Project PI: Gruenewald)

04/01/2015 – 03/31/2020

Psychosocial and Physical Resilience to Early Life Socioeconomic Adversity

Purpose: The purpose of this Project of the P01 *Resilience of Americans across the Lifespan* is to investigate the adolescent individual and contextual factors that shape patterns of socioeconomic mobility across the life course and the implications of different socioeconomic trajectories for later life psychosocial and physical well-being among a subsample of participants from the longitudinal Project Talent study.

Role: Principal Investigator

NIH/NIA (R01 AG063656; PI: Prescott)

07/01/2015 – 06/30/2020

Mechanisms of Cognitive Change: 56-Year Follow-Up of Project Talent Twins & Sibs

Purpose: The purpose of this project is to conduct a follow-up to the newly launched Project Talent Twin & Sibling Study to enable the study of genetic, psychosocial and environmental factors that affect cognitive resilience in later life in the nationally-representative Project Talent cohort.

Role: Co-Investigator

NIH/NINR (PI: Sullivan)

07/01/2015 – 06/30/2020

Allostatic Load & Socio-economic Mechanisms in Life Course Trajectories of Preterm Infants at Age 30

Purpose: The purpose of the project is to examine prenatal and early life socioeconomic and other predictors of physiological health at age 30 in a sample of premature and regular term infants followed longitudinally over a 30-year period.

Role: Consultant

NIH/NIMHD (PI: Abdou)

07/01/2015 – 06/30/2020

Healthcare stereotype threat: A psychosocial determinant of health disparities?

Purpose: The purpose of this project is to investigate the role of stereotype threat in the healthcare domain as an explanation of healthcare disparities in health care seeking and health care behavior by examining the proximal affective, cognitive, and physiological consequences of healthcare stereotype threat exposure.

Role: Co-investigator

NIH/NIA (R01-AG046232-01; PI: Gruenewald)

12/1/13 – 11/30/17

Evaluating Heterogeneous Psychosocial Outcomes in the Experience Corps RCT

Purpose: The goal of this project is to evaluate the psychological and social benefits of participation in the intergenerational volunteer program Experience Corps. This project will evaluate psychological and

social benefits of Experience Corps participation via comparison of older adult outcomes in a randomized controlled trial of program exposure.

Role: Principal Investigator

NIH/NIA (PI: Gruenewald)

Benefits of Experience Corps Engagement in Vulnerable, Older Minority Adults

UCLA Older Americans Independence Center Pilot Grant

Purpose: The purpose of this project is to examine the effects of engagement in an intergenerational civic engagement intervention, Experience Corps, on older adults' psychological well-being (feeling of usefulness, sense of purpose in life, personal growth). Proposed analyses include intention to treat and complier average causal effect modeling comparing psychological well-being in intervention versus control participants at three follow-up timepoints (4-, 12-, and 24-months) over a 2-year intervention period.

Role: Principal Investigator

NIH/NIA (1R01 AG043427-01; PI: Seeman)

12/1/2012 – 11/30/2016

Evaluating the Experience Corps RCT: Psychosocial Benefits for Older Adults

Purpose: The goal of this project is to evaluate the psychological and social benefits of participation in the intergenerational volunteer program Experience Corps. This project will evaluate psychological and social benefits of Experience Corps participation via comparison of older adult outcomes in a randomized controlled trial of program exposure.

Role: Co-Investigator

NIH/NIA (1R21 AG043639-01; PI: Parisi)

12/1/2012 - 11/31/2014

Understanding Wisdom within an Intergenerational Context: Experience Corps

Purpose: While research suggests that wisdom is associated with several benefits later in life, we know very little about the mechanisms by which wisdom may be expressed or potentially enhanced in adulthood. The proposed study will investigate wisdom within the intergenerational Baltimore Experience Corps program. This intergenerational context for investigating wisdom affords us the ability to capture the process of wisdom as it develops, identify the features associated with changes in wisdom, and gain a richer understanding of older adults' perceptions of wisdom's development and transmission.

Role: Co-Investigator

NIH/NIA (1R01 AG042413-01; PI: Lee)

12/01/2012 - 11/30/2017

Stress Exposure, SES & Emotional Health: Integrating Genetics into Social Science

Purpose: The goal of this project is to examine how stressor exposure across the life span is linked to emotional health in later adulthood and the moderation of these associations by genotype, socioeconomic status, health status, personality and other psychosocial factors.

Role: Co-Investigator

NIH/NIA (1R01 AG040607-01; PI: Gruenewald)

07/01/2011 – 06/30/2014

Promoting the Good Life: Eudaimonic Benefits of Generative Activity in Later Life

Purpose: The goal of this project was to examine daily hedonic and eudaimonic affective/cognitive processes that might underlie long-term psychosocial and physical well-being benefits of engagement in a intergenerational generative activity program, Experience Corps, in older adults.

Role: Principal Investigator

NIH/NIA (1R21AG039555-01; PI: Gruenewald)

04/01/2011 – 03/31/2013

Evaluating a Chronic Stress Model of Allostatic Load Development in Older Adults

Purpose: The purpose of this proposed developmental project is to pilot the assessment of static and reactivity-based measures of allostatic load over time in a chronically stressed group of older adults – spousal caregivers of Alzheimer’s disease (AD) patients, and matched controls.

Role: Principal Investigator

MENTORED STUDENT RESEARCH FELLOWSHIPS/GRANTS

Jennifer Robinette, Postdoctoral Fellow, Multidisciplinary Research Training in Gerontology (NIA T32-AG000037-37), 2015 – 2017

Diana Wang, Predoctoral Fellow, Multidisciplinary Research Training in Gerontology (NIA T32-AG000037-37), 2015 – present

Kezia Rusli, Provost Undergraduate Research Fellowship, USC, 2013-2014

Ramy Rashad, Student Opportunities for Academic Research Fellowship, Undergraduate Research Associates Program, USC, 2013-2014

Dustin Stanton, Undergraduate Research Associates Program, USC, 2013-2014

Cristina Gago, Student Opportunities for Research Fellowship, USC, 2014-2015, 2015-2016

Adwight Risbud, Student Opportunities for Research Fellowship, USC; 2015-2016, Undergraduate Research Associates Program, USC, 2014-2015

Eun Ah Cho, Provost Undergraduate Research Fellowship, USC, 2014-2015, 2015-2016

Shivanti Kariyawasam, Undergraduate Research Associates Program, USC, 2015

Janice Wong, Undergraduate Research Associates Program, USC, 2015

Farid Zeineddine, Undergraduate Research Associates Program, USC, 2015

PRESENTATIONS

1. *Psychosocial influences on the course of inflammatory bowel disease*. Poster session presented at the CURE Research conference. Los Angeles, California, October, 1998.
2. *Gender disparities in acute stress research*. Poster session presented at the annual meeting of the Society of Behavioral Medicine. San Diego, California, March, 1999.
3. *Bereavement and stigma-related stressors, self-esteem and health*. Poster session presented at the annual meeting of the American Psychological Association. Boston, Massachusetts, August, 1999.
4. *The last rung on the ladder: Social status and health*. Poster session presented at UC Intercampus Health Psychology Conference. Lake Arrowhead, CA, December, 2000.
5. *Subjective social status, social hierarchy/rank and mental health*. Poster session presented at the annual meeting of the American Psychosomatic Society. Monterey, CA, March, 2001.
6. *Threat to the social self: Self-conscious emotional and cortisol responses*. Presentation at the Health Psychology Colloquium, Psychology Department, University of California, Los Angeles. Los Angeles, CA, January, 2003.

7. *Social status, self-evaluation and health*. Poster session presented at the annual meeting of the Society for Personality and Social Psychology. Los Angeles, CA, February, 2003.
8. *Psychological and physiological responses to social-evaluative threat*. Symposium presented at the annual meeting of the American Psychosomatic Society. Phoenix, Arizona, March, 2003.
9. *A multi-systems analysis of SES disparities in biological risk: The CARDIA Study*. Poster session presented at the annual meeting of the American Psychosomatic Society. Orlando, FL, March, 2004.
10. *Socioeconomic status gradients in inflammatory biomarkers: The Coronary Artery Risk Development in Young Adults (CARDIA) Study*. Presentation at the annual meeting of the International Society for Psychoneuroendocrinology. Montreal, Quebec, September, 2005.
11. *Feeling useful to others as a predictor of physical functioning and mortality in older adults: The MacArthur Study of Successful Aging*. Presentation at the annual meeting of the Gerontological Society of America. Orlando, FL, October, 2005.
12. *Feeling useful to others and health in older adults*. Presentation to the Multi-Campus Program in Geriatric Medicine and Gerontology Lecture Series. Los Angeles, CA, January, 2006.
13. *Psychosocial factors, inflammation and disease*. Presentation to the Health Psychology Colloquium, Psychology Department, University of California, Los Angeles. Los Angeles, CA, February, 2006.
14. *Feelings of usefulness to others and subclinical inflammation in older adults*. Poster session presented at the annual meeting of the American Psychosomatic Society. Denver, CO, March, 2006.
15. *How to write a scientific research paper*. Presentation to participants of the NIA/AFAR & Lillian Gleitsman Medical Student Research in Aging Program. Los Angeles, CA, July, 2006.
16. *Feeling useful to others and health in older adults*. Presentation to the UCLA Older Americans Independence Center Seminar Series. University of California, Los Angeles, January, 2007.
17. *Socioeconomic status gradients in inflammatory biomarkers: The Coronary Artery Risk Development in Young Adults (CARDIA) Study*. Presentation to the MacArthur Foundation Research Network on Socioeconomic Status and Health. San Francisco, CA, February, 2007.
18. *Psychoneuroimmunology and Aging*. Presentation to Biological Bases of Health Psychology Seminar, Psychology Department, University of California, Los Angeles. Los Angeles, CA, February, 2007.
19. *Socioeconomic status and psychosocial and behavioral well-being*. Presentation at the Russell Sage Foundation Meeting on Socioeconomic Status and Health. New York, NY, March, 2007.
20. *Perceptions of social value/usefulness and age*. Presentation to the Study of Midlife in the U.S. (MIDUS) Investigators Meeting. University of Wisconsin-Madison, Madison, WI, April, 2007.
21. *Biological and social challenges in later life: A double jeopardy for health?* Presentation to the Multi-Campus Program in Geriatric Medicine and Gerontology Lecture Series. Los Angeles, CA, April, 2007.
22. *Helping others helps oneself: Positive perceptions of social contributions predict lower likelihood of disability increase in later adulthood*. Poster presentation at the annual UCLA Conference on Aging. University of California, Los Angeles, CA, June, 2007.
23. *How to write a scientific research paper*. Presentation to participants of the NIA/AFAR & Lillian Gleitsman Medical Student Training in Aging Research (MSTAR) Program. Los Angeles, CA, July, 2007.
24. *Allostatic load and frailty in older adults: The MacArthur Study of Successful Aging*. Poster presentation at the annual UCLA Department of Medicine Research Day. Los Angeles, CA, October, 2007.

25. *Explorations of the socioeconomic status gradient in multi-system biological dysregulation.* Presentation to Study of Midlife in the U.S. (MIDUS) Investigators Meeting, University of Wisconsin-Madison. Madison, WI, October, 2007.
26. *Social relationships and health.* Lecture to Interdisciplinary Relationship Science Course, Psychology Department, University of California. Los Angeles, CA, October, 2007.
27. *Descriptive, bivariate and multivariate statistics.* Three-part lecture to Biomath 260A course. University of California, Los Angeles, CA, November-December, 2007.
28. *Changes in perceptions of social value/usefulness with age: The Study of Midlife in the U.S.* Presentation at the 2007 annual meeting of the Gerontological Society of America. San Francisco, CA, November, 2007.
29. *Feeling useful to others and health in older adults.* Lecture to the Multi-Campus Program in Geriatric Medicine and Gerontology Lecture Series. Los Angeles, CA, February, 2008.
30. *Psychosocial risk and protective factors, socioeconomic status and levels of biological dysregulation: Different strokes for different folks.* Presentation at the 2008 annual meeting of the Society for Personality and Social Psychology. Albuquerque, NM, February, 2008.
31. *Levels of allostatic load vary by self-rating of health.* Presentation at the 2008 annual meeting of the American Psychosomatic Society. Baltimore, MD, March, 2008.
32. *Do self-ratings of health reflect underlying levels of physiological dysregulation?* Poster presentation at the annual UCLA Department of Medicine Research Day. Los Angeles, CA, October, 2008.
33. *Socioeconomic histories and cumulative biological dysregulation.* Presentation at the Russell Sage Foundation Meeting on Income Inequality and Health. New York, NY, November, 2008.
34. *Helping others helps oneself: Positive perceptions of social contributions predict better cognitive and physical functioning in later adulthood.* Poster presentation at the 2009 annual meeting of the American Psychosomatic Society, Chicago, IL, March, 2009.
35. *Cumulative experience of socioeconomic adversity and multi-system dysregulation.* Poster presentation at the 2009 annual meeting of the American Psychosomatic Society, Chicago, IL, March, 2009.
36. *Successful Aging.* Led roundtable workshop on successful aging at the 2009 annual meeting of the American Psychosomatic Society, Chicago, IL, March, 2009.
37. *Social activity interventions.* Lecture to Evidence-Based Health Promotion Programs for Older Adults course, Community Health Sciences Department, School of Public Health. University of Los Angeles, California, April, 2009.
38. *Biological imprints of socioeconomic status.* Presentation to Russell Sage Foundation Network on Income Inequality and Health. San Francisco, CA, September, 2009.
39. *A useful life is a healthy life: Positive perceptions of contributions to others predict better health and functioning in older adulthood.* Poster presentation at the annual UCLA Department of Medicine Research Day. Los Angeles, CA, October, 2009.
40. *Helping others, helping oneself: Perceptions of social contributions and health in later life.* Presentation to the UCLA Health Psychology Colloquium Series, Los Angeles, CA, October, 2009.
41. *Measuring Biomarkers of Stress: Practices, Pitfalls and Possibilities.* Chaired plenary symposium at the 2010 annual meeting of the American Psychosomatic Society, Portland, OR, March, 2010.
42. *Social relationships and health.* Lecture to Interdisciplinary Relationship Science Course, Psychology Department, University of California. Los Angeles, CA, April 2010.
43. *How to write a scientific research paper.* Presentation to participants of the NIA/AFAR & Lillian Gleitsman Medical Student Research in Aging Program. Los Angeles, CA, July, 2010.

44. *Life course socioeconomic adversity experience and multi-system physiological dysregulation in later adulthood.* Presentation at the annual meeting of the Gerontological Society of America. New Orleans, LA, November, 2010.
45. *Contributing to others, contributing to oneself: Greater perceived contributions to others predicts better functioning and health in later life.* Presentation at the annual meeting of the Gerontological Society of America. New Orleans, LA, November, 2010.
46. *Living the good life: Frequency of positive life experiences and multi-system physiological ill-being.* Presentation at the annual meeting of the American Psychosomatic Society. San Antonio, TX, March, 2011.
47. *Opportunities and challenges in the study of biosocial dynamics in healthy aging.* Presentation to the National Academy of Sciences Panel on New Directions in the Social Demography, Social Epidemiology and Sociology of Aging. Washington, DC, August, 2011.
48. *Explaining life course trends and disparities in health by gender and SES: Social, psychological, and behavioral processes.* Presentation to the Working Group on Life Course Health Dynamics and Disparities. Russell Sage Foundation, New York, NY, September, 2011.
49. *Biomarkers and health: Looking under the skin to assess well-being.* Presentation to Global Health and Aging Course, Davis School of Gerontology, University of Southern California, October, 2011.
50. *Baltimore Experience Corps Trial volunteer benefit and burden experiences: Links with psychological and physiological well-being.* Presentation at the annual meeting of the Gerontological Society of America. Boston, MA, November, 2011.
51. *Are older adults' perceptions of generativity grounded in reality?* Presentation at the annual meeting of the Gerontological Society of America. Boston, MA, November, 2011.
52. *Life course socioeconomic adversity and cortisol activity in the laboratory and daily life.* Presentation at the annual meeting of the American Psychosomatic Society. Athens, Greece, March, 2012.
53. *Demographic variations in daily experiences and well-being.* Presentation to the Working Group on Life Course Health Dynamics and Disparities in 21st Century America. Ann Arbor, MI, June, 2012.
54. *The demographics of 'stress' experience in MIDUS.* Presentation at the National Institute on Aging, Division of Behavioral and Social Research Stress Measurement Workshop. Los Angeles, CA, September, 2012.
55. *Engaging aging in the 21st century.* Presentation at the Riverside Medical Foundation annual symposium, Riverside, CA, October, 2012.
56. *Lifetime socioeconomic adversity and allostatic load: Exploring vulnerability in the off-diagonals.* Presentation at the annual meeting of the Gerontological Society of America. San Diego, CA, November, 2012.
57. *Biopsychosocial pathways underlying social inequalities in health.* Presentation at the Russell Sage Foundation, New York, NY, January, 2013.
58. *Salubrious social connections.* Presentation at the Positive Psychobiology Workshop sponsored by the National Institute on Aging funded Princeton Center for Research on Experience and Well-Being. Miami, FL, March, 2013.
59. *A tale of two traditions: The marriage of social-psychological and social-epidemiological approaches for advancing understanding of social risk and protective factors for healthy aging.* Presentation in the Society for Personality and Health Network Symposium at the annual meeting of the American Psychosomatic Society. Miami, FL, March, 2013.
60. *Staying happy and healthy in retirement.* Presentation at the 2013 Conference of the California Retired County Employees Association, Long Beach, CA, April, 2013.

61. *Generativity for life*. Presentation at the USC Davis School of Gerontology What's Hot in Aging Research Annual Conference, Los Angeles, CA, April 2013.
62. *Engaging aging: Building a vibrant life*. Presentation at the USC Davis School of Gerontology Vibrant Living Retreat, April, 2013.
63. *Creating the canvas of our second age*. Presentation at Trojan Family Weekend, USC, October, 2013.
64. *Enhancing later-life perceptions of generative contributions: The Baltimore Experience Corps Trial*. Poster presentation at the 2013 annual meeting of the Gerontological Society of America, New Orleans, LA.
65. *To give is to receive: More favorable perceptions of generativity with advancing age predicts better mental health*. Presentation at the 2013 annual meeting of the Gerontological Society of America, New Orleans, LA.
66. *Key outcomes from the Baltimore Experience Corps Trial: Social and psychological well-being benefits of Experience Corps (EC) participation*. Presentation at the 2013 annual meeting of the Gerontological Society of America, New Orleans, LA.
67. Discussion Leader at *The Creative Age: Exploring Potential in the Second Half of Life – A National Leadership Exchange and Conference on Creative Aging*. National Center for Creative Aging, Washington, DC, June, 2014.
68. *Biosocial investigations in the study of healthy aging: What have we learned? What lies ahead?* Presentation at the 2014 annual meeting of the Gerontological Society of America, Washington, DC.
69. *Design and implementation of the intergenerational Art Through the Ages activity intervention*. Presentation at the 2014 annual meeting of the Gerontological Society of America, Washington, DC.
70. *Mediators and moderators of the effects of daily stressors on emotion and cognition*. Discussant for symposium at the 2014 annual meeting of the Gerontological Society of America, Washington, DC.
71. *Adverse life conditions and health across the lifespan*. Discussant for symposium at the 2014 annual meeting of the Gerontological Society of America, Washington, DC.
72. *Engaging aging: Developmentally-focused interventions for promoting psychosocial well-being in later life*. Presentation at the 2015 annual USC Davis School of Gerontology What's Hot in Aging Conference, Los Angeles, CA.
73. *Enhancing Sense of Purpose in Life through Generative Engagement: The Baltimore Experience Corps Trial*. Presentation at the 2015 annual meeting of the Gerontological Society of America, Orlando, FL.
74. *Achieving the American Dream: Life Course Educational Mobility and Later Life Health and Happiness*. Presentation at the 2015 annual meeting of the Gerontological Society of America, Orlando, FL.
75. *Project Talent Comes of Age: The Development of a Life Course Study of Aging*. Symposium Chair at 2015 annual meeting of the Gerontological Society of America, Orlando, FL.
76. *Generativity for Life*. Presentation at the 2016 annual meeting of the Social and Personality Health Network, Society for Personality and Social Psychology, San Diego, CA.
77. *Life Course Socioeconomic Status Adversity, Allostatic Load, and Mortality in Midlife and Older Adulthood*. Presentation at the 2016 annual meeting of the American Psychosomatic Society, Denver, CO.
78. *Helping Others, Helping Ourselves: Psychosocial, Cognitive, and Physical Well-Being Benefits of Generative Activity*. Presentation at the 2016 annual meeting of the Western Psychological Association, Long Beach, CA.

79. *What Was Learned from the Experience Corps Evaluations and Directions for Future Research on Social and Civic Engagement: Psychological Well-Being Outcomes.* Presentation at the National Institute on Aging, August, 2016, Bethesda, MD.
80. *Computerized Cognitive Assessment in Large-Scale Survey Research with Older Adults.* Symposium presentation at the 2016 Annual Meeting of the Gerontological Society of America, New Orleans, LA.
81. *Life Course Socioeconomic Status Adversity and Mortality in Middle and Older Adulthood.* Presentation at the 2016 Annual Meeting of the Gerontological Society of America, New Orleans, LA.
82. *Psychosocial Well-Being Benefits of Generative Civic Engagement: Experience Corps.* Presentation at the 2016 Corporation for National and Community Service (CNCS) Research Summit. Washington, D.C.
83. *Living Canvases: Bridging Intergenerational Understanding and Connections Through Art.* Presentation at the 2017 meeting of the International Association of Gerontology & Geriatrics, San Francisco, CA.
84. *The Project Talent Aging Study: A New Lifecourse Study of Cognitive, Physical, and Psychosocial Aging.* Symposium Chair and presenter at the 2017 meeting of the International Association of Gerontology & Geriatrics, San Francisco, CA.

PUBLICATIONS

Google Scholar h-index: 33, i-10 index: 50; Web of Science h-index: 25 [as of 9-23-17]

*indicates student/trainee author

Journal Articles (Peer Reviewed)

1. Kemeny, M.E. & Gruenewald, T.L. (1999). Psychoneuroimmunology update. *Seminars in Gastrointestinal Disease*, 10(1), 20-29.
2. Kemeny, M.E. & Gruenewald, T.L. (2000). Affect, cognition, the immune system and health. *Progress in Brain Research*, 122, 291-308.
3. Taylor, S.E., Kemeny, M.E., Reed, G.M., Bower, J.E. & Gruenewald, T.L. (2000). Psychological resources, positive illusions, and health. *American Psychologist*, 55(1), 99-109.
4. Taylor, S.E., Klein, L.C., Lewis, B.P., Gruenewald, T.L., Gurung, R.A.R., & Updegraff, J.A. (2000). Behavioral responses to stress in females: Tend-and-befriend, not fight-or-flight. *Psychological Review*, 107(3), 411-429.
5. Taylor, S.E., Lewis, B.P., Gruenewald, T.L., Gurung, R.A.R., Updegraff, J.A. & Klein, L.C. (2002). Sex differences in biobehavioral responses to threat: Reply to Geary and Flinn. *Psychological Review*; 109(4), 751-753.
6. Seeman, T.E., Crimmins, E., Singer, B., Bucur, A., Huang, M., Gruenewald, T.L., Berkman, L.F., & Reuben, D.B. (2004). Cumulative biological risk and socio-economic differences in mortality: MacArthur studies of successful aging. *Social Science and Medicine*, 58, 1985-1997.
7. Gruenewald, T.L., Kemeny, M.E., Aziz, N., & Fahey, J.L. (2004). Acute threat to the social self: Shame, social self-esteem and cortisol activity. *Psychosomatic Medicine*, 66(6), 915-924.
8. Dickerson, S.S., Gruenewald, T. L., & Kemeny, M. E. (2004). When the social self is threatened: Shame, physiology and health. *Journal of Personality*, 72(6), 1191-1216.

9. Kemeny, M.E., Gruenewald, T.L., & Dickerson, S.S. (2004). Shame as the emotional response to threat to the social self: Implications for behavior, physiology, and health. *Psychological Inquiry*, 15(2), 153-160.
10. Loucks, E.B., Berkman, L.F., Gruenewald, T.L., & Seeman, T.E. (2005). Social integration is associated with fibrinogen concentration in elderly men. *Psychosomatic Medicine*, 67(3), 353-358.
11. Creswell, J.D., Welch, W.T., Taylor, S.E., Sherman, D.K., Gruenewald, T.L., & Mann, T. (2005). Affirmation of personal values buffers neuroendocrine and psychological stress responses. *Psychological Science*, 16(11), 846-851.
12. Gruenewald, T.L., Kemeny, M.E., & Aziz, A. (2006). Subjective social status as a moderator of cortisol responses to social threat. *Brain, Behavior, and Immunity*, 20(4), 410-419.
13. Loucks, E.B., Berkman, L.F., Gruenewald, T.L., & Seeman, T.E. (2006). Relation of social integration to inflammatory marker concentrations in men and women 70-79 years. *American Journal of Cardiology*, 97(7), 1010-1016.
14. Gruenewald, T.L., Seeman, T.E., Ryff, C., Karlamangla, A.S., Singer, B.H. (2006). Combinations of biomarkers predictive of later life mortality. *Proceedings of the National Academy of Sciences*, 103(38), 14158 –14163. PMID: PMC1599928
15. Gruenewald, T.L., Karlamangla, A.S., Greendale, G.A., Singer, B.H., & Seeman, T.E. (2007). Feelings of Usefulness to Others as a Predictor of Disability and Mortality in Older Adults: The MacArthur Study of Successful Aging. *Journals of Gerontology: Psychological Sciences*, 62B(1), P28-P37.
16. Gruenewald, T.L., Mroczek, D.K., Ryff, C.D., & Singer, B.S. (2008). Diverse pathways to positive and negative affect in adulthood and later life: An integrative approach using recursive partitioning. *Developmental Psychology*, 44(2), 330-343.
17. Sarkisian, C.A., Gruenewald, T.L., & Seeman, T.E. (2008). Preliminary evidence for subdimensions of geriatric frailty: The MacArthur Study of Successful Aging. *Journal of the American Geriatrics Society*, 56(12), 2292-2297. PMID: PMC2754409
18. Gruenewald, T.L., Karlamangla, A.S., Greendale, G.A., Singer, B.H., Seeman, T.E. (2009). Increased mortality risk in older adults with persistently low or declining feelings of usefulness to others. *Journal of Aging and Health*, 21(2): 398-425. PMID: PMC2747376
19. Gruenewald, T.L., Cohen, S. Mathews, K.A., Tracy, R., Seeman, T.E. (2009). Association of socioeconomic status with inflammation markers in black and white men and women in the Coronary Artery Risk Development in Young Adults (CARDIA) study. *Social Science and Medicine*, 69: 451-459.
20. Dickerson, S.S., Gruenewald, T.L., & Kemeny, M.E. (2009). Psychobiological response to social self threat: Functional or detrimental? *Self and Identity*, 8(2): 270-285.
21. Gruenewald, T.L., Seeman, T.E., Karlamangla, A.S., Sarkisian, C.A. (2009). Allostatic load and frailty in older adults. *Journal of the American Geriatrics Society*, 57, 1525-1531.
22. *Jung, Y., Gruenewald, T.L., Seeman, T.E., & Sarkisian, C.A. (2010). Productive activities and the development of frailty in older adults. *Journals of Gerontology: Social Sciences*, 65B(2), 256-261.
23. Seeman, T.E., Gruenewald, T.L., Schwartz, J., Sidney, S., Liu, K., McEwen, B., & Karlamangla, A.S. (2010). Modeling multi-system biological risk in young adults: Coronary Artery Risk Development in Young Adults Study (CARDIA). *American Journal of Human Biology*, 22(4), 463-472.

24. Seeman, T., Epel, E., Gruenewald, T., Karlamangla, A., McEwen, B. (2010). Socio-economic differentials in peripheral biology: cumulative allostatic load. *Annals of the New York Academy of Sciences*, 1186, 223-229.
25. Slopen, N., Lewis, T.T., Gruenewald, T.L., Mujahid, M.S., Ryff, C.D., Wilkins, D.R. (2010). Early life adversity and inflammation in African Americans and Whites in the Midlife in the United States Survey. *Psychosomatic Medicine*, 72(7), 694-701.
26. Miller, G.E., Lachman, M.E., Chen, E., Gruenewald, T.L., Karlamangla, A.S., & Seeman, T.E. (2011). Pathways to resilience: Maternal nurturance as a buffer against the effects of childhood poverty on metabolic syndrome at midlife. *Psychological Science*, 22(12), 1591-1599.
27. Gruenewald, T.L., Karlamangla, A.S., Merkin, S.S., Crandall, C., Koretz, B., & Seeman, T.E. (2012). History of socioeconomic disadvantage and multi-system physiological health in later life. *Social Science and Medicine*, 74, 75-83. Essential Science Indicators Highly Cited Paper, Social Sciences.
28. Gruenewald, T.L., Liao, D.H., & Seeman, T.E. (2012). Contributing to others, contributing to oneself: Generativity and health in later life. *Journals of Gerontology: Psychological Sciences*, 67(6), 660-665.
29. Eaton, N.R., Krueger, R.F., South, S., Gruenewald, T.L., & Seeman, T. (2012). Genes, Environments, Personality, and Successful Aging: Toward a Comprehensive Developmental Model in Later Life. *Journals of Gerontology: Medical & Biological Sciences*, 67(5), 480-488.
30. Chen, E., Miller, G.E., Lachman, M.E., Gruenewald, T.L., Karlamangla, A.S., & Seeman, T.E. (2012). Protective factors for adults from low childhood socioeconomic circumstances: The benefits of shift-and-persist for allostatic load. *Psychosomatic Medicine*, 74, 178-186.
31. Parisi, J, Rebok, G.W., Xue, Q.L., Fried, L.P, Seeman, T.E., Tanner, E., Gruenewald, T., Frick, K.D, & Carlson, M.C. (2012). The role of education and intellectual activity on cognition. *Journal of Aging Research*, 2012: 416132 (Aug. 9).
32. Carroll, J.E., Gruenewald, T.L., Taylor, S.E., Janicki-Deverts, D., Matthews, K. & Seeman, T.E. (2013). Childhood abuse, parental warmth, and adult multi-system biological risk in the Coronary Artery Risk Development in Young Adults Study. *Proceedings of the National Academy of Sciences*, 110(42), 17149 – 17153.
33. Fried, L.P., Carlson, M.C., McGill, S., Seeman, T.E., Xue, Q.L., Frick, K., Frangakis, C., Tan, E., Tanner, E, Piferi, R., Martinez, I., Berry-Vaughn, L., Stewart, J., Dickersin, K., Gruenewald, T.L., Martin, B., Willging, P., & Rebok, G. (2013). Experience Corps: A dual trial to promote the health of older adults and children's academic success. *Contemporary Clinical Trials*, 36(1), 1-13.
34. *Brooks, K.P., Gruenewald, T.L., Karlamangla, A., Hu, P., Koretz, B., & Seeman, T.E. (2014). Social relationships and allostatic load across the life-span. *Health Psychology*, 33(11), 1373-1381. PMID: PMC4104264
35. *Varma, V., Carlson, M.C., Tanner, E.K., Parisi, J.M. & Gruenewald, T.L. (2015). Experience Corps Baltimore: Exploring the rewards and stressors of high-intensity civic engagement. *The Gerontologist*, 55(6), 1038-1049.
36. Seeman, T., Gruenewald, T., Cohen, S., Williams, D., & Matthews, K. (2014). Social relationships and their biological correlates: Coronary Artery Risk Development in Young Adults (CARDIA) Study. *Psychoneuroendocrinology*, 43, 126-138.

37. Parisi, J.M., Kuo, J., Rebok, G.W., Xue, Q.L., Fried, L.P., Gruenewald, T.L., Huang, J., Seeman, T.E., Roth, D.L., Tanner, E.K., Carlson, M.C. (2014). Increases in lifestyle activities as a result of Experience Corps® participation. *Journal of Urban Health*.
38. *Turiano, N., Chapman, B.P., Gruenewald, T.L., Mroczek, D.K. (2015). Personality and the leading behavioral contributors of mortality. *Health Psychology, 34*(1), 51-60.
39. Friedman, E.M., Karlamangla, A.S., Gruenewald, T., Koretz, B. & Seeman, T.E. (2015). Early life adversity and adult biological risk profiles. *Psychosomatic Medicine, 77*(2), 176-185.
40. Gruenewald, T.L., Tanner, E.K., Fried, L.P., et al. (2016). The Baltimore Experience Corps Trial: Enhancing Generativity via Intergenerational Activity Engagement in Later Life. *Journals of Gerontology, 71*(4), 661-670.
41. Parisi, J.M., Ramsey, C. M., Carlson, M. C., Xue, Q-L., Huang, J., Romani, W. A., McGill, S., Seeman, T. E., Tanner, E. K., Barron, J., Tan, E., Gruenewald, T. L., Diibor, I., Fried, L. P., & Rebok, G. W. (2015). Impact of Experience Corps® participation on school climate. *Prevention Science, 16*(5), 744-753.
42. Friedman, E.M., Montez, J.K., Sheehan, C., Gruenewald, T., & Seeman, T. (2015). Childhood Adversities and Adult Cardiometabolic Health: Does Quantity, Timing, and Type of Adversity Matter? *Journal of Aging and Health, 27*(8), 1311-1338.
43. Dunton, G. F., Liao, Y., Dzibur, E., Leventhal, A., Huh, J., Gruenewald, T., Margolin, G., Koprowski, C., Tate, E., Intille, S. (2015). Investigating within-day and longitudinal effects of maternal stress on children's physical activity, dietary intake, and body composition: Protocol for the MATCH study. *Journal of Contemporary Clinical Trials, 43*, 142-154.
44. Carlson, M. C., Kuo, J. H., Chuang, Y. F., Varma, V. R., Harris, G., Albert, M. S., . . . Gruenewald, T.L., McGill, S., Rebok, G., & Fried, L. P. (2015). Impact of the Baltimore Experience Corps Trial on cortical and hippocampal volumes. *Alzheimers Dement, 11*, 1340-1348
45. *Zilioli, S., Slatcher, R.B., Ong, A.D., & Gruenewald, T.L. (2015). Purpose in life predicts health locus of control and allostatic load ten years later. *Journal of Psychosomatic Research, 79*(5), 450-457.
46. *Wiley, J.F., Gruenewald, T.L., Karlamangla, A.S., & Seeman, T.E. (2016). Modeling multi-system physiological dysregulation. *Psychosomatic Medicine, 78*(3), 290-301.
47. *Menkin, J.A., Robles, T.F., Gruenewald, T.L., Tanner, E.K., & Seeman, T.E. (2017). Expectations Regarding Aging and Social Engagement in Later Life. *Journals of Gerontology, 72*(5), 771-781.
48. Ong, A., Williams, D.R., Nwizu, U., & Gruenewald, T.L. (2017). Everyday Unfair Treatment and Multisystem Biological Dysregulation in African American Adults. *Cultural Diversity and Ethnic Minority Psychology, 23*(1), 27-35.
49. *Robinette, J.W., Charles, S.T., Almeida, D.M. & Gruenewald, T.L. (2016). Neighborhood features and physiological risk: An examination of allostatic load. *Health & Place, 41*, 110-118.
50. *Robinette, J.W., Charles, S.T., & Gruenewald, T.L. (2016). Hypervigilant at home: Longitudinal analyses of neighborhood safety perceptions and health. *Social Science & Medicine: Public Health, 2*, 525-530.
51. *Hagood, E. & Gruenewald, T.L. (in press). Positive versus negative priming of older adults' generative value: Do positive messages enhance memory? *Journal of Aging and Mental Health*.

52. Wiley, J.F., Gruenewald, T.L., Karlamangla, A.S., & Seeman, T.E. (2017). Pursuing the optimal operationalization of allostatic load. *Psychosomatic Medicine*, 79(1), 119-121.
53. *Wang, D. & Gruenewald, T.L. (in press). The psychological costs of social support imbalance: Variation across relationship context and age. *Journal of Health Psychology*.
54. *Grossman, M.R. & Gruenewald, T.L. (2017). Caregiving and perceived generativity: A positive and protective aspect of providing care? *Clinical Gerontologist*.
55. *Andrews, R.M., Tan, E., Varma, V., Romani, W., Gruenewald, T., Seeman, T., Rebok, G. & Carlson, M. (in press). Association between aging expectations and engagement in physical activity: results from the Baltimore Experience Corps Trial. *The Gerontologist*.
56. *Robinette, J.W., Charles, S.T., & Gruenewald, T.L. (in press). Neighborhood Socioeconomic Status and Health: A Longitudinal Analysis. *Journal of Community Health*.
57. *Min, J., Silverstein, M., & Gruenewald, T. Intergenerational Similarity in Religious Beliefs Over the Family Life Course. *Research on Aging*.

Book Chapters/Edited Volumes (Most peer reviewed)

58. Taylor, S.E., Klein, L.C., Gruenewald, T.L., Gurung, R.A.R., & Fernandes-Taylor, S. (2003). Affiliation, social support, and biobehavioral responses to stress. In J. Suls & K. Wallston (Eds.), *Social psychological foundations of health and illness*, pp. 314-331. Malden, MA: Blackwell.
59. Seeman, T.E. & Gruenewald, T.L. (2006). Allostasis and allostatic load over the life course. In W.W. Eaton (Ed.) *Medical and psychiatric comorbidity over the life course*, Washington, DC: American Psychiatric Publishing.
60. Gruenewald, T.L., Dickerson, S.S., & Kemeny, M.E. (2007). A social function for shame: The Social Self-Preservation Theory. In J.L. Tracy, R.W. Robins, & J. Tangney (Eds.) *The Self-Conscious Emotions*, New York: The Guilford Press, pp. 68-87.
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