

*Curriculum Vitae*

**Dianna M. Phillips**

**Personal Information**

Business Address:                      Department of Psychology  
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**Academic History**

B.S., Biochemistry, Biology Emphasis, University of California, Riverside, 2000

B.A., Psychology, *summa cum laude*, California State University, Bakersfield, 2013

M.A., Developmental Psychology, University of California, Riverside, 2015  
*Master's Thesis: Perceived Loneliness as a Contextual Moderator of the Etiology of Cognitive Functioning: An International Study* (advisor, Dr. Chandra Reynolds)

Ph.D., Developmental Psychology, University of California, Riverside, expected August, 2019  
*Dissertation: Longitudinal Loneliness and Cognitive Aging in Mid and Late Life: Patterns of Associations and Epigenetic Pathways* (advisor, Dr. Chandra Reynolds)

**Honors and Awards**

Psi Chi, International Honor Society in Psychology, 2013  
Dean's Distinguished Fellowship, University of California, Riverside, \$17,700, 2013-2014  
Associate Member Travel Fellowship, Behavior Genetics Association, \$300, 2016

**Research Interests**

Mechanisms of Risk and Resilience in Loneliness and Cognition Associations

- Features of loneliness across time as predictors of cognitive functioning and change
- Gene-environment interplay in the association between loneliness and cognition
- Role of educational attainment in loneliness—cognition associations

Loneliness, Epigenetic Changes, and Etiological Shifts with Age in Late Life

- The longitudinal association between loneliness and epigenetic changes
- Potential shifts in heritability of loneliness in late life

**Publication**

Reynolds, C. A., & Phillips, D. (2015). Genetics of brain aging: Twin aging. *Reference Module in Biomedical Sciences*. Elsevier. 08-Jul-2015 doi: 10.1016/B978-0-12-801238-3.04608-0

**Paper, Presentations, and Published Abstracts**

Phillips, D. M., Petkus, A. J., McGue, M., & Reynolds, C. A. (2015). Testing for age moderation of heritability of loneliness across adulthood. Presented as part of a symposium at the 45<sup>th</sup> annual meeting of the Behavior Genetics Association, San Diego, CA. Abstract published in *Behavior Genetics*, 45(6). Manuscript is in preparation.

Phillips, D. M., Petkus, A. J., Johnson, W., Franz, C., & Reynolds, C. A. (2015). Exploring a potential role for education in the relation between loneliness and cognition. Poster presented at the 68<sup>th</sup> annual meeting of the Gerontological Society of America, Orlando, FL. Abstract published in *The Gerontologist*, 55(2).

Phillips, D. M., & Reynolds, C. A. (2016). Perceived loneliness as a contextual moderator of the etiology of cognitive functioning. Poster presented at the 46<sup>th</sup> annual meeting of the Behavior Genetics Association, Brisbane, Australia. Abstract published in *Behavior Genetics*, 46. Manuscript is in preparation.

Phillips, D. M., & Reynolds, C. A. (2016). Exploring potential mechanisms for the association between loneliness and cognition. Poster presented at the 69<sup>th</sup> annual meeting of the Gerontological Society of America, New Orleans, LA. Abstract published in *The Gerontologist*, 56(3).

Munoz, E., Arogyaswamy, S., Petkus, A., Pahlen, S., Phillips, D., Gatz., M., & Reynolds, C. A. (2018). An assessment of life events checklist measures: Severity appraisals and individual differences. Manuscript under review.

Phillips, D. M., Wang, Y., Pedersen, N. L., Hägg, S., & Reynolds, C. A. (2018). Exploring the longitudinal association between Loneliness and Methylation of Genes Associated with the Conserved Transcriptional Response to Adversity (CTRA). Poster presented at the 68<sup>th</sup> Annual Meeting of the American Society of Human Genetics, San Diego, CA.

**Professional Memberships**

The American Society of Human Genetics (ASHG), Student Member	2018 - present
Behavior Genetics Association (BGA), Student Member	2015 - present
Gerontological Society of America (GSA), Student Member	2015 - present

## Grant Writing Experience

Ruth L. Kirschstein National Research Service Award (NRSA), Individual Predoctoral Fellowship (Parent F31), National Institutes of Health, Longitudinal Loneliness and Cognitive Aging in Mid and Late Life: Patterns of Associations and Epigenetic Pathways, 2017 (not funded)

University of California, Riverside Dissertation Year Program Award, Longitudinal Loneliness and Cognitive Aging in Mid and Late Life: Patterns of Associations and Epigenetic Pathways, 2017 (not funded)

## Professional Experience

Research Assistant for the Human Genome Group at California Institute of Technology, Pasadena, CA, 2000-2002 (paid, full-time position, supervisor: Dr. Hiroaki Shizuya)

- Independently created DNA libraries for five organisms using fosmid cloning to be used for further research in gene discovery
- Conducted a large-scale human DNA bacterial artificial chromosome (BAC) end-sequencing project to assess the accuracy of the newly completed human DNA sequence

## Other Research Experience

Graduate Student Research Member of the Consortium on Interplay of Genes and Environment across Multiple Studies (IGEMS), 2013-2018

- Constructed longitudinal harmonized loneliness scores across IGEMS studies using Rasch measurement analysis for use in future IGEMS projects
- Created a master administrative file for all studies participating in IGEMS
- Computed cognitive test scores for the tenth in-person testing wave of the Swedish Adoption/Twin Study of Aging (SATSA)
- Mentored and trained research assistants and guided and oversaw their work on projects

## Teaching Experience

### *Teaching Assistantships\**

*University of California, Riverside*

### *Undergraduate courses (taught lab sections, approximately 20 students each)*

Psychological Methods: Research Procedures	Fall 2014, Summer 2015, Winter 2016, Spring 2016, Fall 2016, Winter 2017, Fall 2017, Winter 2018
Psychological Methods: Statistical Procedures	Summer 2016

***Undergraduate courses (taught discussion sections, approximately 25 students each)***

Introductory Psychology	Summer 2014, Spring 2015, Spring 2017, Summer 2017
Lifespan Development	Fall 2015, Summer 2018
Environmental Psychology	Spring 2018
Health Psychology	Fall 2018

\*Teaching evaluations for all courses are available upon request.

*California State University, Bakersfield*

***Undergraduate course (guest lectured, graded assignments and exams, held office hours)***

Research Methods I	Fall 2012
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***Guest Lectures***

*University of California, Riverside*

Lifespan Development, *Topic*: Psychosocial Development in Late Adulthood, Fall 2015  
Environmental Psychology, *Topic*: Human Cognition and Sustainability, Spring 2018  
Lifespan Development: *Topic*: Emerging Adulthood to Late Life, Summer, 2018

*California State University, Bakersfield*

Research Methods I, *Topic*: Sampling in Psychological Research, Fall, 2012

**Teaching Interests**

Research Methods in Psychology  
Statistics in Psychology  
Introductory Psychology  
Psychology of Aging  
Lifespan Development  
Child Development  
Environmental Psychology