

BIOGRAPHICAL SKETCH

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NAME: Gallo, Linda

eRA COMMONS USER NAME (agency login): lgallo

POSITION TITLE: Professor

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date	FIELD OF STUDY
Southern Illinois University, Carbondale , IL	BA	05/1989	Psychology
University of Utah, Salt Lake City, UT	MS	05/1996	Clinical Psychology/Health
University of Utah, Salt Lake City, UT	PhD	05/1998	Clinical Psychology/Health
University of Pittsburgh, Pittsburgh, PA	Postdoctoral	2000	Cardiovascular Behavioral Medicine

A. PERSONAL STATEMENT. I am a Professor in the Department of Psychology, an Adjunct Professor in the Graduate School of Public Health, and Co-Director of the South Bay Latino Research Center at San Diego State University (SDSU). I have 18 years of postdoctoral research experience, focused on elucidating sociocultural factors in cardiovascular disease (CVD) and diabetes, and developing and evaluating culturally appropriate interventions to improve outcomes and reduce disparities in these conditions among Hispanics/Latinos and other underserved groups. I have published more than 120 peer-reviewed journal articles and served as PI or Co-I for 23 NIH-funded studies. I have substantial mentoring experience, and I am strongly invested in training historically underrepresented and disadvantaged scientists and aspiring scientists as a means of enhancing diversity in the scientific and healthcare workforce.

B. Positions and Honors

Positions and Employment

- 2000 – 2001 Assistant Professor, Department of Psychology, Kent State University
- 2001 – 2006 Assistant Professor, Department of Psychology, San Diego State University
- 2006 – 2011 Associate Professor, Department of Psychology, San Diego State University
- 2011 - Professor, Department of Psychology, San Diego State University
- 2011 - Adjunct Professor, Graduate School of Public Health, San Diego State University

Other Experience

- 2005 - Ad-Hoc Study Section Reviewer, NIH (Multiple)
- 2008 - Editorial Board, Psychosomatic Medicine
- 2009 - Editorial Board, Annals of Behavioral Medicine

Honors

- 2004 Outstanding Contribution to Health Psychology, American Psychological Association, Division 38, Young Investigator Award
- 2005 Early Career Honorary Recognition Award, Society of Behavioral Medicine
- 2008 Distinguished Scientific Award for Early Career Contribution to (Health) Psychology, American Psychological Association
- 2009 Elected Fellow of the Society of Behavioral Medicine
- 2012 Elected Fellow of the APA and APA Division 38
- 2013 Most Influential Professor, SDSU/UCSD Joint Doctoral Program in Clinical Psychology
- 2016 Monty Award for Outstanding Faculty Contributions, San Diego State University

1. Developing innovative models to understand health disparities. Socioeconomic status (SES) and ethnic/racial health disparities are not explained by structural factors alone. Early in my career I proposed the Reserve Capacity Model as a framework for conceptualizing psychosocial risk (e.g., stress) and

protective factors (e.g., social support) as an additional pathway explaining disparities. Publications describing these models and associated scientific reviews have guided my work and that of many others in the field. Representative publications from this area are depicted below. (*Mentored trainees in italics*).

- a. Matthews KA, **Gallo LC**. Psychological perspectives on pathways linking socioeconomic status and physical health. *Annu Rev Psychol.* 2011;62:501-30. PubMed PMID: [20636127](#); PubMed Central PMCID: [PMC3121154](#).
 - b. **Gallo LC**, Penedo FJ, Carnethon M, Isasi CR, Sotres-Alvarez D, Malcarne VL, Roesch SC, Youngblood ME, Daviglius ML, Gonzalez P, Talavera GT. The Hispanic Community Health Study/Study of Latinos Sociocultural Ancillary Study: sample, design, and procedures. *Ethn Dis.* 2014 Winter;24(1):77-83. PubMed PMID: [24620452](#); PubMed Central PMCID: [PMC3986116](#).
 - c. **Gallo LC**, Penedo FJ, *Espinosa de los Monteros K*, Arguelles W. Resiliency in the face of disadvantage: do Hispanic cultural characteristics protect health outcomes?. *J Pers.* 2009 Dec;77(6):1707-46. PubMed PMID: 19796063.
 - d. **Gallo LC**, Matthews KA. Understanding the association between socioeconomic status and physical health: do negative emotions play a role?. *Psychol Bull.* 2003 Jan;129(1):10-51. PubMed PMID: [12555793](#). (386 citations according to Web of Science, 01/14/2016).
2. Elucidating psychosocial factors in cardio-metabolic health. Psychosocial factors relate to cardio-metabolic disorders with effects of similar magnitude to those of known risk factors such as smoking and hypertension. With support from several NIH-funded observational trials, my work has made a unique contribution to this area and has helped to identify modifiable psychosocial targets for prevention and intervention approaches to reduce disparities experienced by underserved groups.
- a. Isasi CR, Jung M, Parrinello CM, Kaplan RC, Kim R, Crespo NC, Gonzalez P, Goukova NA, Penedo FJ, Perreira KM, Perrino T, Sotres-Alvarez D, Van Horn L, **Gallo LC**. Association of childhood economic hardship with adult height and adult adiposity among Hispanics/Latinos. The HCHS/SOL Socio-Cultural Ancillary Study. *PLoS One.* 2016;11(2):e0149923. PubMed PMID: [26919283](#); PubMed Central PMCID: [PMC4769180](#).
 - b. Isasi CR, Parrinello CM, Jung MM, Carnethon MR, Birnbaum-Weitzman O, *Espinoza RA*, Penedo FJ, Perreira KM, Schneiderman N, Sotres-Alvarez D, Van Horn L, **Gallo LC**. Psychosocial stress is associated with obesity and diet quality in Hispanic/Latino adults. *Ann Epidemiol.* 2015 Feb;25(2):84-9. PubMed PMID: [25487969](#); PubMed Central PMCID: [PMC4306634](#).
 - c. **Gallo LC**, *Fortmann AL*, *McCurley JL*, Isasi CR, Penedo FJ, Daviglius ML, Roesch SC, Talavera GA, Goukova N, Gonzalez F 2nd, Schneiderman N, Carnethon MR. Associations of structural and functional social support with diabetes prevalence in U.S. Hispanics/Latinos: results from the HCHS/SOL Sociocultural Ancillary Study. *J Behav Med.* 2015 Feb;38(1):160-70. PubMed PMID: [25107504](#); PubMed Central PMCID: [PMC4349398](#).
 - d. **Gallo LC**, Roesch SC, *Fortmann AL*, Carnethon MR, Penedo FJ, Perreira K, Birnbaum-Weitzman O, Wassertheil-Smoller S, Castañeda SF, Talavera GA, Sotres-Alvarez D, Daviglius ML, Schneiderman N, Isasi CR. Associations of chronic stress burden, perceived stress, and traumatic stress with cardiovascular disease prevalence and risk factors in the Hispanic Community Health Study/Study of Latinos Sociocultural Ancillary Study. *Psychosom Med.* 2014 Jul-Aug;76(6):468-75. PubMed PMID: [24979579](#); PubMed Central PMCID: [PMC4349387](#).
3. Developing and evaluating interventions to improve cardio-metabolic health Hispanics/Latinos. Hispanics/Latinos are at higher risk for diabetes and worse diabetes outcomes when compared to non-Hispanic Whites. In recent work, I have applied findings from my observational and conceptual research to inform the development and evaluation of culturally appropriate prevention and intervention programs. Representative publications are shown below.
- a. Philis-Tsimikas A, *Fortmann AL*, Dharkar-Surber S, Euyoque JA, Ruiz M, Schultz J, **Gallo LC**. Dulce Mothers: an intervention to reduce diabetes and cardiovascular risk in Latinas after gestational diabetes. *Transl Behav Med.* 2014 Mar;4(1):18-25. PubMed PMID: [24653773](#); PubMed Central PMCID: [PMC3958598](#).

- b. Philis-Tsimikas A, **Gallo LC**. Implementing community-based diabetes programs: the scripps whittier diabetes institute experience. *Curr Diab Rep*. 2014 Feb;14(2):462. PubMed PMID: [24390404](#); PubMed Central PMCID: [PMC3946451](#).
 - c. *Fortmann AL, Gallo LC, Philis-Tsimikas A*. Glycemic control among Latinos with type 2 diabetes: the role of social-environmental support resources. *Health Psychol*. 2011 May;30(3):251-8. PubMed PMID: [21553968](#); PubMed Central PMCID: [PMC3384508](#).
 - d. Philis-Tsimikas A, *Fortmann A, Lleva-Ocana L, Walker C, Gallo LC*. Peer-led diabetes education programs in high-risk Mexican Americans improve glycemic control compared with standard approaches: a Project Dulce promotora randomized trial. *Diabetes Care*. 2011 Sep;34(9):1926-31. PubMed PMID: [21775748](#); PubMed Central PMCID: [PMC3161298](#).
4. Mentoring emerging scientists. I am strongly invested in training, especially historically underrepresented and disadvantaged students and early career investigators, as a means of enhancing diversity and building the scientific and healthcare workforce. As a professor at SDSU, a Hispanic Serving Institution, I have served as principal research advisor for more than 130 undergraduate trainees, 17 pre-doctoral students, 1 post-doctoral trainee, and have mentored several early career investigators. Publications highlighting the work of recent trainees I have mentored are shown below.
- a. *Gutierrez AP, McCurley JL, Roesch SC, Gonzalez P, Castañeda SF, Penedo FJ, Gallo LC*. Fatalism and hypertension prevalence, awareness, treatment and control in US Hispanics/Latinos: results from HCHS/SOL Sociocultural Ancillary Study. *J Behav Med*. 2016 Aug 8; EPub. DOI: [10.1007/s10865-016-9779-x](#) PubMed PMID: [27501734](#); PubMed Central PMCID: In Process.
 - b. *González P, Nuñez A, Merz E, Brintz C, Weitzman O, Navas EL, Camacho A, Buelna C, Penedo FJ, Wassertheil-Smoller S, Perreira K, Isasi CR, Choca J, Talavera GA, Gallo LC*. Measurement Properties of the Center for Epidemiologic Studies Depression Scale (CES-D 10): Findings From HCHS/SOL. *Psychological assessment*. 2016 Jun 13; EPub. DOI: [10.1037/pas0000330](#). PubMed PMID: [27295022](#); PubMed Central PMCID: In Process.
 - c. *McCurley JL, Mills PJ, Roesch SC, Carnethon M, Giacinto RE, Isasi CR, Teng Y, Sotres-Alvarez D, Llabre MM, Penedo FJ, Schneiderman N, Gallo LC*. Chronic stress, inflammation, and glucose regulation in U.S. Hispanics from the HCHS/SOL Sociocultural Ancillary Study. *Psychophysiology*. 2015 Aug;52(8):1071-9. PubMed PMID: [25898909](#); PubMed Central PMCID: [PMC4640890](#).
 - d. *Fortmann AL, Roesch SC, Penedo FJ, Isasi CR, Carnethon MR, Corsino L, Schneiderman N, Daviglius ML, Teng Y, Giachello A, Gonzalez F 2nd, Gallo LC*. Glycemic control among U.S. Hispanics/Latinos with diabetes from the HCHS/SOL Sociocultural Ancillary Study: do structural and functional social support play a role? *J Behav Med*. 2015 Feb;38(1):153-9. PubMed PMID: [25107503](#); PubMed Central PMCID: [PMC4302022](#).

<http://www.ncbi.nlm.nih.gov/sites/myncbi/linda.gallo.1/bibliograpahy/47617036/public/?sort=date&direction=descending> (For full bibliography; 124 peer reviewed publications)

Ongoing Research Support

R18 DK104250-01A1, NIH/NIDDK; Philis-Tsimikas A & **Gallo LC** (MPIs) 08/01/15-07/31/20

Medical Assistant Health Coaching for Diabetes in Diverse Primary Care Settings

This cluster randomized controlled trial will evaluate the Medical Assistant Health Coaching (MAC) program, a brief, pragmatic, medical assistant led coaching intervention, versus usual care, in improving clinical control, self-management, and quality of life in individuals with type 2 diabetes, in two diverse primary care settings.
Role: PI

R01 NR015754-01, NIH/NINR; Philis-Tsimikas A & **Gallo LC** (MPIs) 09/29/15-07/31/20

Mi Puente: My Bridge to Better Cardiometabolic Health and Well-being

This community-based randomized controlled trial will examine the effectiveness of “Mi Puente” (my bridge), a nurse and volunteer peer mentor led bridging program for Hispanics/Latinos hospitalized with chronic cardiovascular or metabolic conditions, who are at high risk for readmissions due in part to corollary behavioral health issues.

Role: PI

1 R01 NR014866-01, NIH/NINR; Talavera GA (PI) 06/01/14-03/31/19

Latinos Understanding the Need for Adherence in Diabetes (LUNA-D)

The goals of this randomized controlled trial are to: 1) improve glycemic control; 2) improve CVD risk profiles and psychological distress; and 3) improve medication adherence, among non-insulin using, underserved, Hispanic/Latino patients with diabetes through a linguistically and culturally appropriate evidence-based application of a Chronic Care Model intervention in a federally qualified health center in San Diego County.
Role: Co-Investigator

P30 DK111022-01, NIH/NIDDK; Walker E

9/01/16 – 7/31/21

Latino Network for Diabetes Translation Research – a National Resource Core, Ancillary Study

The purposes of this study are to: 1) Develop a national research network to promote diabetes translational research in Hispanic/ Latinos; 2) Provide consultation and leverage existing resources to support the development type II translational research with the HCHS/SOL cohort, as well as newly recruited samples of Hispanic/Latinos; and 3) Develop a national resource bank for psychological, behavioral and socio-cultural assessment instruments.

Role: Co-Investigator

1R01DK112322-01A1, NIH/NIDDK; Gallo LC & Philis-Tsimikas (MPIs)

9/20/16 – 8/31/21

Dulce Digital-ME: An Adaptive mHealth Intervention for Underserved Hispanics with Diabetes

This study will conduct a comparative effectiveness trial of two mHealth, primary-care based intervention approaches designed to improve patient engagement and clinical control in 414 underserved Hispanic/Latino adults with poorly controlled type 2 diabetes.

Role: PI

R01 DK106209-01, NIH/NIDDK; Allison MA & Gallo LC (MPIs)

07/01/15-06/30/19

Neighborhood Environments and Cardiometabolic Disorders in Hispanic/Latinos (“SOL CASAS”)

This study will test an innovative, comprehensive, socio-ecological model of micro and macro neighborhood environment influences on cardio-metabolic risk progression in Hispanics/Latinos who are participants in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL) San Diego cohort.

Role: PI

16SFRN27940007, AHA; Castaneda S (PI)

04/01/16-03/31/20

Strategically Focused Go Red for Women Research Network

The proposed study provides a unique opportunity to examine sedentary patterns and related behavioral contexts among Mexican-background adult women in the HCHS/SOL (and HCHS/SOL CASAS) cohort in San Diego, California.

Role: Co-Investigator

HHSN2682013000051, NIH; Talavera GA (PI)

06/01/13-05/31/19

San Diego Hispanic Community Health Study/Study of Latinos Renewal (HCHS/SOL)

This is a multi-site prospective cohort study of 4,000 Hispanics/Latinos in San Diego, and 16,000 across four U.S. field centers. The major goals are to identify putative risk and protective factors for chronic conditions highly prevalent in Hispanics/Latinos (e.g. diabetes, obesity, CVD).

Role: Co-Investigator

1 R01 AG048642-01A1, NIH/NIA; Gonzalez HM (PI)

09/01/15-08/31/20

SOL Neurocognitive Ancillary Study (“SOL INCA”)

The goal of this project is to examine the prevalence and progression of cognitive impairment in participants (45 years and older) from the HCHS/SOL, and to examine associations among cognitive function, genetic predispositions, and cardiovascular disease risk biomarkers.

Role: CPI

5 ULI TR001114-02, NIH/NCATS; Topol E (PI)

05/01/14-04/30/16

Scripps Translational Science Institute (STSI)

The aim of the Scripps Translational Science Institute CTSA award is to create a center that will develop infrastructure for, and pursue research in, translational biomedical science. Dr. Gallo contributes to community engagement efforts designed to link laboratory science discoveries with community-based diabetes risk reduction and care management programs.

Role: CPI

Completed Research Support (Selected, Past 3 Years)

R01 HL102130-04, NIH/NHBLI; Ayala G (PI) 04/01/11-11/30/16

Hispanic Community Children's Health: Ancillary Study of Latino Youth (SOL-Youth)

This study will assess the health of Hispanic/Latino youth whose parents/ caregivers are involved in the Hispanic Community Health Study.

Role: Co-Investigator

1 R25 MD006853, NIH/NIHMD; Elder JP (PI) 07/01/11-03/31/16

Mentoring Diverse Students in Health Disparities Research

This 5-year IBACH training and mentoring program will enroll a total of 40 undergraduate and graduate students underrepresented in research to pursue higher level academic or career opportunities that contribute to reducing health disparities.

Role: Co-Investigator

R56 HL081604-05A1, NIH/NHLBI; Gallo LC (PI) 09/20/13-08/31/15

Sociocultural Factors and Cardiometabolic Risk in Mexican-American Women

The primary aim of this project is to conduct formative research to support the development and pilot testing of a culturally appropriate, resource building, cardio-metabolic risk reduction intervention for midlife Latinas.

Role: PI

5P20MD002293-05, NIH/NIMHD; Talavera GA (PI) 09/30/07-05/31/14

San Diego Partnership to Reduce Diabetes & CVD in Latinos

The goal of the South Bay Latino Research Center of Excellence is to reduce CVD disparities in the border region of San Diego by fostering community-based research, and to expand research and training infrastructure and increase the number of underrepresented investigators in minority health and health disparities.

Role: Co-Investigator

HHSN268200625237C, NIH/NHLBI; Talavera GA (PI) 09/30/06-03/31/13

San Diego Hispanic Community Health Study/Study of Latinos

Role on Project: Co-Investigator

This multi-site study of 4,000 Hispanics in San Diego, and 16,000 Hispanics across four U.S. field sites will ascertain the prevalence and risk factors for health CVDs and related chronic conditions. By contributing to the understanding of risk factors that significantly influence the conditions disparately affecting Hispanics/Latinos, the research seeks to reduce morbidity and premature mortality in this growing segment of the U.S. population.

Role: Co-Investigator