

CURRICULUM VITAE
JOCHEBED G. GAYLES, PH.D.

Prevention Research Center
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RESEARCH INTERESTS

1. Substantive: Broad focus on adolescent health and wellness in developmental and ecological contexts via: 1) identifying correlates and the longitudinal course of positive and negative functioning among adolescents; 2) the examining the role of culture, family and neighborhood contexts in youth risk behaviors; and, 3) investigating physiological, behavioral and psychological correlates/indices of adolescent well-being.
2. Methodological: Focus on advanced modeling for examining complex and dynamic processes across developmental and real time, within multiple contexts.
3. Translational: Evaluation of evidence-based programs and practices targeting adolescent health and well-being. Investigate the effectiveness of translation of research evidence to practice and policy and the role of technical assistance for dissemination and implementation.

CURRENT POSITION

09/2015-Current

Research and Evaluation Analyst, Evidence-based Prevention & Intervention Support Center, Bennett Pierce Prevention Research Center, Pennsylvania State University

EDUCATION

Ph.D. Human Development and Family Studies, The Pennsylvania State University, 12/2014

Dissertation: *An Multidimensional Model of Individual Functioning in Middle Adolescence: Examining Patterns of Functioning, Gender Differences, and Links to Social Status Outcomes in Young Adulthood*
Committee: Drs. J. Douglas Coatsworth (Advisor), Mark T. Greenberg (Chair), Stephanie Lanza, Peter Molenaar and Robert Nix

M.S. Human Development and Family Studies, The Pennsylvania State University, 2007

Thesis: *Neighborhood Contexts, Differential Acculturation, and Positive Parenting: A Process Model of Hispanic Youth Problem Behaviors*
Committee: Drs. J. Douglas Coatsworth (Chair) and Linda Burton

B.A. Psychology, Cum Laude, Honors and Major Distinction, San Diego State University, 2004

Minor: American Indian Studies

RESEARCH FUNDING

2008-2010 Prevention and Methodology Pre-doctoral Training Fellowship, National Institutes of Drug Abuse (NIDA: T32 DA017629), Prevention Research Center for the Study of Human Development (PRC) and The Methodology Center, The Pennsylvania State University

2007-2008 Karl Freeman Petersen Graduate Award in Prevention and Prevention Research Center Fellowship, The Pennsylvania State University

- 2005-2006 Grace Henderson Graduate Scholarship, College of Health and Human Development, The Pennsylvania State University
- 2004-2005 Edward and Helen Skade Hintz Graduate Educational Enhancement Award, College of Health and Human Development, The Pennsylvania State University
- 2002-2004 Career Opportunities in Research, Education and Training Scholar, National Institute of Mental Health (NIMH-COR) Institutional Training Grant, Psychology, San Diego State University

PUBLICATIONS

Peer-Reviewed

- Beal, S., Dorn, L.D., LoBraico, E. **Gayles, J.G.**, (*under review*). Strategies for Assessing and Modeling Socio-Emotional Development in Longitudinal Studies of Adolescents. Submitted to *Child Development Perspectives*.
- Dorn, L.D., **Gayles, J.G.**, England, C.G., Houts, R., Cizza, G., Denson, L.A. (2016). Cytokine patterns in healthy adolescent girls: Heterogeneity captured by variable- and person-centered statistical strategies. *Psychosomatic Medicine*.
- Duncan, L.G., Coatsworth, J.D., **Gayles, J.G.**, Geier, M., & Greenberg, M.T. (2015). Can mindful parenting be observed? Relations between observational ratings of mother–youth interactions and mothers’ self-report of mindful parenting. *Journal of Family Psychology*, *29*(2), 276-282. DOI: 10.1037/a0038857
- Coatsworth, J.D., Duncan, L.T., Nix, R.L., Greenberg, M.T., **Gayles, J.G.**, Bamberger, K.T., Burenna, E., & Demi, M. A. (2015). Integrating mindfulness with parent training: Effects of the mindfulness-enhanced Strengthening Families Program. *Developmental Psychology*, *51*, 26-35. DOI: 10.1037/a0038212
- Gayles, J.G.** & Molenaar, P.C.M. (2013). The utility of person-specific analyses for investigating developmental processes: An analytic primer on studying the individual. *International Journal of Behavioral Development*, *37*, 549-562. DOI: 10.1177/0165025413504857
- Bámaca-Colbert, M., Umaña-Taylor, A., & **Gayles, J.G.** (2012). A developmental-contextual model of depressive symptoms in Mexican-origin female adolescents. *Developmental Psychology*, *48*, 406-421. DOI: 10.1037/a0025666
- Bámaca-Colbert, M., **Gayles, J.G.**, & Lara, R. (2011). Family correlates of adjustment profiles in Mexican-origin girls. *Hispanic Journal of Behavioral Sciences*, *33*, 123-151. DOI: 10.1177/0739986311403724.
- Bámaca-Colbert, M.Y. & **Gayles, J.G.** (2010). Variable-centered and person-centered approaches to studying Mexican-origin mother-daughter cultural orientation dissonance. *Journal of Youth and Adolescence*, *39*, 1274-1292. DOI: 10.1007/s10964-009-9447-3.
- Syvertsen, A., Cleveland, M., **Gayles, J.G.**, Tibbits, M., & Faulk, M.T. (2010). Profiles of protection from substance use among adolescents. *Prevention Science*, *11*, 185–196. DOI: 10.1007/s11121-009-0154-9.
- Gayles, J.G.**, Coatsworth, J.D., Pantin, H.M., & Szapocznik, J. (2009). Parenting and neighborhood predictors of youth problem behaviors among Hispanic families: The moderating role of family structure. *Hispanic Journal of Behavioral Sciences*, *31*, 277-296. DOI: 10.1177/0739986309338891.

Non-Refereed

- Gayles, J.G.** (2007, November). Report on the 13th Biennial European Conference on Developmental Psychology (ECDP) in Jena, Germany. *Newsletter, International Society for the Study of Behavioral Development*.

In preparation

PRESENTATIONS

Invited

Gayles, J.G., & Coatsworth, J.D. (2008, October). *Assessing mindfulness in parenting: A pilot study of parent-youth interactions*. Invited presentation at the 11th International Institute on Developmental Science, Jena, Germany.

Molenaar, P.C.M., & **Gayles, J.G.** (presenter) (2008, July). *Person-specific analysis and optimal guidance of developmental processes*. In *Person-centered methods for developmental processes* (L. Bergman, Chair). Invited presentation at the 20th Biennial Meeting of the International Society for the Study of Behavioural Development, Wurzburg, Germany.

Panelist (2008, August). *First-year orientation*. Invited Panel for the Alliance for Graduate Education and the Professoriate for the Social Behavioral and Economic Sciences, National Science Foundation, The Pennsylvania State University, University Park, PA.

Gayles, J.G. (2008, July). *Assessment and study of subjective well-being in adolescence: developmental and temporal considerations*. Young Scholar's Initiative Round Table Discussion, Presented at the International Society for the Study of Behavioral Development 20th Biennial Conference, Wurzburg, Germany.

Panelist (2004, November). *Life after COR and the transition to Graduate School*. Invite Panel for the National Institute of Mental Health Career Opportunities in Research and Training (NIMH-COR) Annual Conference, San Juan, Puerto Rico.

Paper/Oral

Gayles, J.G. & Deshong-Cook, L.A. (2017, June). *Meeting the demand for high quality implementation: The rationale for an EPISCenter Training Institute*. To be presented at the Global Implementation Conference, Toronto, Canada.

Bradley, S. & **Gayles, J.G.** (2017, June). *How can we build capacity in implementation science and knowledge translation?* (Panel Session). To be presented at the Global Implementation Conference, Toronto, Canada.

Bradley, S. & **Gayles, J.G.** (2017, June). *Understanding juvenile justice system reform through a relational lens*. (Ignite Session). To be presented at the Global Implementation Conference, Toronto, Canada.

Gayles, J.G., Lobraico, E., & Fosco, G. (2016, December). *Exploring Processes and Conditions for High-Quality Implementation and Sustainability: The Role of Technical Assistance in the Scale up of EBPs*. Presented at the 9th Annual Conference on the Science of Dissemination and Implementation, Washington, D.C.

Gayles, J.G., Deshong-Cook, L.A., Bradley, S. & Law, P. (2016, September). *The Development of a Training Academy to Address EBP Agency, Organizational Capacity and Continuous Quality Improvement in the Dissemination and Scale-Up of Evidence-based Practices and Programs*. Presented at the 29th Annual National Prevention Network Conference, Buffalo, NY.

Deshong-Cook, L.A. & **Gayles, J.G.** (2016, September). *Improving the Impact of the Pennsylvania Commission on Crime and Delinquency's Prevention Initiative: EPISCenter's Shared Measurement System for Providers of Evidence Based Programs*. Presented at the 29th Annual National Prevention Network Conference, Buffalo, NY.

Gayles, J.G., Dorn, L.D., Beal, S., Susman, E., Grimm, K. & Schulenberg, J. (2015, March). *Depressive symptoms as a consequence of smoking in adolescent girls: Contribution of stress hormones in explaining individual differences in these comorbid associations*. In *More Reasons to Worry: Developmental Consequences of*

Adolescent Substance Use Across the Transition to Adulthood (J. Schulenberg & J. Maggs, Chairs).

TPresented at the Biennial Meeting for the Society for Research on Child Development, Philadelphia, PA.

Beal, S.J., Dorn, L.D., & **Gayles, J.G.** (2014, March). *Smoking as a predictor of depressive symptoms in adolescent girls: Variability by stability and change in cigarette use*. Paper presented at the 15th Biennial Meeting of the Society for Research on Adolescence, Austin, TX.

Shin, Y., Lee, J.K., **Gayles, J.G.**, & Miller-Day, M. (2010, November). *The effects of maternal emotional well-being on parent-child communication: Relation to youth emotional well-being*. Presented at the 96th Annual Convention of the National Communication Association, San Francisco, CA.

Gayles, J.G., & Bámaca-Colbert, M. (2009, November). *Family correlates of adjustment profiles in Mexican-origin girls*. Presented at the 71st Annual National Conference on Family Relations, San Francisco, CA.

Gayles, J.G. (2008, July). *Identifying intraindividual change and interindividual differences in subjective well-being*. Presented at the 20th Biennial Meeting of the International Society for the Study of Behavioural Development, Wurzburg, Germany.

Cleveland, M., Faulk, M.T., **Gayles, J.G.**, Syvertsen, A., & Tibbits, M. (2008, May). *Profiles of protection among adolescents*. Presented for the 3rd Sloboda and Bukowski Prevention Cup Competition at the 16th annual meeting of the Society for Prevention Research, San Francisco, CA.

Gayles, J.G., & Garnsey, S.N. (2003, August). *Dissociating semantic and syntactic processing in idiom comprehension: An event-related brain potential study*. Presented at the Committee on Institutional Cooperation Summer Conference for the Summer Research Opportunities Program, Urbana-Champaign, IL.

Posters

López, S.C., Bámaca-Colbert, M. Y., & **Gayles, J.G.** (2015, March). *Developmental and Interpersonal Factors Related to Depressive Symptomatology of native and immigrant youth in Spain*. To be presented at the Biennial Meeting for the Society for Research on Child Development, Philadelphia, PA.

Gayles, J.G., Dorn, L.D., & Engeland, C.G. (2014, May). *Examining differences in serum pro- and anti-inflammatory cytokine profiles across behavioral and physical health in healthy adolescent girls*. Presented at the 21st Annual Psychoneuroimmunology Scientific Meeting, Philadelphia, PA.

Gayles, J.G. & Bámaca -Colbert, M. (2012, March). *The effects of stress on Mexican-origin female adolescents' adjustment: The moderating roles of family, peer and individual protective Factors*. Presented at the 2012 SRCD Themed Meeting: Positive Development of Minority Children, Tampa, Florida.

Alvarado, F., Bámaca -Colbert, M., **Gayles, J.G.**, & Tilghman-Osborne, E. (2012, March). *Dating, parent-adolescent conflict, and depressive symptomatology in Mexican-Origin adolescent females: Examining the connections*. Presented at the 14th Biennial Meeting of the Society for Research on Adolescence, Vancouver, BC, Canada.

Bámaca -Colbert, M. & **Gayles, J.G.** (2011, April). *Parent-adolescent support, conflict and familism: Prospective relations to depressive symptoms among Mexican-origin female adolescents*. Presented at the Biennial meeting of the Society for Research on Child Development, Montreal, Quebec, Canada.

Shin, Y., Lee, J.K., **Gayles, J.G.**, & Miller-Day, M. (2010, March). *The effects of maternal emotional well-being on parent-child communication: Relation to youth emotional well-being*. Presented at the 10th annual Center for Family Research in Diverse Contexts, graduate Student Poster Symposium.

Gayles, J.G., & Coatsworth, J.D. (2009, May). *The emotional context of parent-youth relations: Linking parental emotional awareness to youth adjustment*. Presented at the 17th annual meeting of the Society for Prevention Research, Washington, DC.

- Gayles, J.G.,** Davis, K.D., & McHale, S.M. (2009, March). *The implications of daily positive and negative events for adolescents' emotional well-being*. Presented at the Biennial Meeting for the Society for Research on Child Development, Denver, CO.
- Gayles, J.G.,** Puschbeck, M., Coatsworth, J.D., & Duncan, L. (2008, July). *Subjective experiences in adolescent leisure activities: Application of a person-oriented approach to youth outcomes*. Presented at the 20th Biennial Meeting of the International Society for the Study of Behavioural Development, Wurzburg, Germany.
- Gayles, J.G.,** Faulk, M.T., & Coatsworth, J.D. (2008, May). *Sport participation, subjective experience, and adolescent functioning: More is not always better*. Presented at the 16th annual meeting of the Society for Prevention Research, San Francisco, CA.
- Gayles, J.G.,** & Coatsworth, J.D. (2007, November). *Influence of perceived neighborhood context, parenting, and family structure on youth problem behaviors*. Presented at the 5th annual meeting for the Society for the Study of Human Development, University Park, PA.
- Gayles, J.G.,** Puschbeck, M., & Coatsworth, J.D. (2007, August). *Perceived opportunity: Conceptual mechanisms and implications for adolescent development*. Presented at the 13th annual European Conference on Developmental Psychology, Jena, Germany.
- Gayles, J.G.,** Marks, J.L., & Burton, L.L. (2006, November). *Sibling relationships in the face of domestic violence*. Presented at the 68th annual scientific meeting for the National Council on Family Relations, Minneapolis, MN.
- Gayles, J.G.,** Faulk, M.T., & Coatsworth, J.D. (2006, March). *"Being a swimmer means I work hard and am part of a team": Adolescent self-definition in sports and other activities*. Presented at the Society for Research on Adolescence (SRA), San Francisco, CA.
- Gayles, J.G.,** Marks, J.L., & Burton, L.L. (2005, November). *Low-income children's experiences with domestic violence: An ethnographic lens*. Presented at the 67th annual scientific meeting for the National Council on Family Relations, Phoenix, AZ.
- Gayles, J.G.,** Lee, K.T., Riley, E.P., & Mattson, S.N. (2004, June). *Mental age discrepancies in children with fetal alcohol spectrum disorders: The relationship between sex, age, and mental age*. Presented at the annual scientific meeting for the Research Society on Alcoholism Annual Convention. Published in supplemental section of *Alcoholism: Clinical and Experimental Research* 28(5 Supplement): 43A-43A, Vancouver, Canada.
- Pinter, M.N., **Gayles, J.G.,** Riley, E.P., Marintcheva, G. & Mattson, S.N. (2004, April). *Global-local performance in Russian children with Fetal Alcohol Syndrome*. Presented at the 84th annual Convention for the Western Psychological Association, Phoenix, AZ.
- Mubarak, H., **Gayles, J.G.,** Oliver, K., & Cronan, T. (2004, April). *The effects of sleep quality on psychological functioning in people with Fibromyalgia Syndrome*. Presented at the 84th annual Convention for the Western Psychological Association, Phoenix, AZ.

RESEARCH EXPERIENCE

Graduate

- 2013-12/2014 Research scientist and data analyst, College of Nursing, The Pennsylvania State University, PI: Dr. Lorah Dorn
- 2009-2013 Research Assistant and Intervention Facilitator, The Strengthening Families Project in PA, The Pennsylvania State University, PI: Dr. J. Douglas Coatsworth

- 2008-2011 Research Assistant, PA Weed & Seed Initiative, Evidence-Based Prevention and Intervention Support Center (EPISCenter), PI: Drs. Brian K. Bumbarger, Jennifer Mastroski and Tim Kelsey
- 2004-2009 Research Assistant, Parenting and Adolescent Wellness Study (PAWS), The Pennsylvania State University, PI: Dr. J. Douglas Coatsworth
- 2005-2007 Data analyst, National Science Foundation, Alliance for Graduate Education and the Professoriate in the Social, Behavioral and Economic Sciences, The Pennsylvania State University, PI: Drs. Evelyn Ellis and Keith Aronson
- 2005-2006 Ethnographer and Qualitative data analyst, Family Life Project, Project V, The Pennsylvania State University, PI: Dr. Linda Burton

Undergraduate

- 2002-2004 Research Assistant, Project PRIMER/USE, Department of Psychology, San Diego State University, PI: Dr. Terry Cronan
- 2002-2004 Research Assistant, Center for Behavioral Teratology, Department of Psychology, San Diego State University, PI: Dr. Sarah Mattson
- Summer 2003 Research Assistant, Beckman Institute, Cognitive Neuroscience, University of Illinois at Urbana Champaign, PI: Dr. Susan Garnsey
- 2001-2002 Research/Administrative Assistant, Center for Eating and Weight Disorders, Department of Psychology, San Diego State University, PI: Dr. Denise Wilfley

STATISTICAL WORKSHOPS ATTENDED

- Dyadic Data Analysis: Models and Methods for the Study of Couples Workshop given by Deborah A. Kashy (June 15th – 17th, 2009). Hosted by the Center for Statistical Consultation and Research at The University of Michigan: Ann Arbor, MI.
- Modeling Diary and Dyadic Workshop given by Jean-Phillippe-Laurenceau and Niall Bolger (June 8th – 11th, 2009). Hosted by the Center for Research on Families at the University of Massachusetts at Amherst: Amherst, MA.
- Categorical Latent Variable Modeling in Mplus Workshop given by Bengt O. Muthen (November 10-11th, 2008). Hosted by the Center for Statistical Consultation and Research at The University of Michigan: Ann Arbor, MI.
- Statistical Methods in Drug Abuse and Health-Related Research (October, 29th, 2008). Hosted by the Center for Drug Abuse Research Translation and National Institutes of Drug Abuse at the University of Kentucky Lexington: Lexington, KY.
- 11th International Institute on Developmental Science (October 3rd-5th, 2008). Hosted by the Centre for Applied Developmental Science at Dornburg Castle (Thuringia): Dornburg, Germany.
- New Methods for the Analysis of Family and Dyadic Processes. (October 14-15th, 2006). Hosted by the Center for Research on Families at the University of Massachusetts at Amherst: Amherst, MA.
- Expert Workshop on Agency, Development, and Social Change. (June 4-6th, 2005). Hosted by the Centre for Applied Developmental Science at the Fredrick-Schiller University of Jena and Dornburg: Dornburg and Jena, Germany.

TEACHING EXPERIENCE

Primary Instructor

Adolescent Development, Course on social, behavioral, and biological development and intervention throughout adolescence (Summer 2009, Spring 2010, Summer 2010)

Human Development and Family Studies Interventions, Course on individual and family formal and informal intervention efforts; historical and current perspectives and approaches (Fall 2011)

Invited Guest Lecture Topics

Longitudinal Methods – Graduate Level.

Parent-Adolescent Relationships and Adolescent Development – Graduate & Undergraduate Levels.

Attachment and the Promotion of Resiliency in Children – Undergraduate Level

Adolescent/Adult Attachment – Undergraduate Level.

Autonomy and Identity Development in Adolescence – Undergraduate Level.

Qualitative and Ethnographic Data Collection Methods for Human Development – Undergraduate Level.

Ethnic Identity and Adolescent Development – Undergraduate Level.

HONORS AND AWARDS

Graduate

2005-2012 National Science Foundation, Alliance for Graduate Education and the Professoriate, Social, Behavioral, and Economic Sciences, AGEP-SBE Scholar, The Pennsylvania State University

2005-2014 Kappa Omicron Nu Honor Society, The Pennsylvania State University

Undergraduate

2004 Student Merit Award for Excellence in Research, Funded by the Research Society on Alcoholism and National Institutes on Alcohol Abuse and Alcoholism June 2004, Amount: \$500

2004 Outstanding Graduating Senior in the Psychology Major, College of Arts and Sciences, Presented by San Diego State University

2004 Outstanding Scholastic Achievement and Excellence at San Diego State University

2004 Certificate of Appreciation, Outstanding Contribution to Student Recruitment and Retention Board, Presented by San Diego State University

2003 Certificate of Recognition, Outstanding Service in Psychology Undergraduate Peer Advising, Presented by San Diego State University

2003 Outstanding Research Scholarship in the Summer Research Opportunities Program, Presented by CIC and University of Illinois at Urbana-Champaign

2003 Outstanding Oral Research Presentation in the Summer Research Opportunities Program, Presented by CIC and University of Illinois at Urbana-Champaign

2002 Psi Chi Psychology National Honor Society, Lifetime membership

2002 Golden Key International Honor Society, Lifetime membership

2002-2004 Phi Beta Kappa Honor Society

2002-2004 Dean's List for College of Arts and Sciences, San Diego State University

2002-2004 Semester Honors, San Diego State University

2001-2004 National Dean's List for Academic Achievement

PROFESSIONAL SERVICE

Affiliations

Society for Research on Adolescence, 2004-current

Junior Mentor, Young Scholar's Program, 2010

Society for Prevention Research, 2006-2013

Conference abstract reviewer, 2008

Society for Research on Child Development, 2008-Current

National Council on Family Relations, 2005-2012

Conference abstract reviewer, 2009, 2007
International Society for the Study of Behavioural Development
Committee Member, Young Scholar's Initiative 2008-2010
Columnist, Young Scholar's Corner

Reviewer

Journal of Early Adolescence, 2014-Current
Journal of Positive Psychology, 2011-Current
International Journal of Behavioral Development, 2010-Current
Journal of Research on Adolescence, 2013-Current