

**ERIKA WESTLING**  
**Curriculum Vitae**

**EDUCATION:**

- 2001 – 2007      Ph.D. in Social Psychology, minors in Health Psychology and Measurement, University of California, Los Angeles, CA. Dissertation: *Timing of pubertal maturation and substance use: Gender differences in family, peer, and individual difference factors*
- 2002              M.A. in Social Psychology, University of California, Los Angeles, CA.
- 1996              B.A. in Anthropology, with an emphasis in Psychology, Pomona College, Claremont, CA.

**PROFESSIONAL EXPERIENCE:**

- 2017 – present      **Research Scientist**, Oregon Research Behavioral Intervention Strategies
- 2017 – present      **Research Scientist**, Oregon Research Institute Community & Evaluation Services
- 2017 – present      **Research Scientist**, Oregon Research Institute
- 2012 – 2017        **Associate Research Scientist**, Oregon Research Institute
- 2009 – 2012        **Research Associate**, Oregon Research Institute
- 2005 – 2009        **Research Assistant III**, Oregon Research Institute
- 2003 – 2005        **Trainee, Health Psychology Predoctoral Training Grant**, UCLA. *Biobehavioral Issues in Physical and Mental Health*, funded by the National Institutes of Mental Health
- Fall 2004            **Teaching Assistant**, *Health Psychology*, UCLA
- Spring 2004        **Teaching Assistant**, *Nonexperimental Methods in Social Psychology*, UCLA
- 2002 – 2003        **Graduate Research Assistant II**, UCLA
- Summer 2002       **Teaching Assistant**, *Social Psychology*, UCLA
- 2001 – 2004        **Assistant Editor**, *Society for Research on Nicotine and Tobacco* Newsletter
- 1996 – 2001        **Research Assistant II**, Oregon Research Institute

**HONORS:**

- 1996              Phi Beta Kappa
- 2005              Fels Research Award, UCLA
- 2005 – 2006       Substance Abuse & Mental Health Services Administration Dissertation Grant (\$30,000)

**MEMBERSHIP AND SERVICE:**

- 1995 – 2015        Western Psychological Association
- 1996 – 2001        Board of Directors, Science Center, Eugene, OR
- 2000 – 2001        Board of Directors, Oregon Research Institute
- 2001                Internal Review Board, Oregon Research Institute
- 2001 – present     American Psychological Association
- 2001 – present     Society for Research on Nicotine and Tobacco
- 2003 – present     American Psychological Society
- 2005 – present     Society for Prevention Research
- 2009 – 2011        Board of Directors, Committed Partners for Youth, Eugene, OR
- 2011 – present     Board of Directors, Life 9 Rescue, Eugene, OR
- 2012 – 2017        Society for the Study of Emerging Adulthood
- 2012 – present     Society for Research on Adolescence
- 2014 – 2016        Co-Chair of Fund Development Committee, Society for the Study of Emerging Adulthood
- 2015 – present     Oregon Research Institute Early Career Mentorship and Support Committee

2017 – present	Reviewer, California Tobacco-Related Disease Research Program, Social and Behavioral Prevention and Treatment panel
2018 – present	Internal Review Board, Oregon Research Institute
2019	Early Career Reviewer for NIH Special Emphasis Panel: Electronic Nicotine Delivery Systems: Population, Clinical and Applied Prevention Research
2019 – present	Co-Chair, Internal Review Board, Oregon Research Institute
2019 – present	Leadership Advisory Council, Oregon Research Institute
2019 – present	Board of Directors, Oregon Research Institute Community & Evaluation Services
2019 – present	Member of the Lane County Community Health Improvement Plan Tobacco Workgroup
2019 – present	Member of the Center for Coordination of Analytics, Science, Enhancement, and Logistics in Tobacco Regulatory Science
2019 – 2021	Invited reviewer for NIH Addiction Risks and Mechanisms Committee
2019 – present	Reviewer for NIH Special Emphasis Panels, Tobacco Regulatory Science
2020	Reviewer for Canadian Institutes of Health Research, Catalyst Grant: Health Effects of Vaping
2020	Program Committee member, Society for Research on Nicotine and Tobacco 2021 conference
2021 – present	Consultant, NIDA R01 DA05081; Advancing knowledge on factors that promote or impede engagement along the HIV care continuum over time
2022	Reviewer for NIH Small Business: Disease Management, Risk Prevention, and Health Behavior Change

#### **AD HOC JOURNAL REVIEWS:**

*American Journal of Preventive Medicine* (1)  
*Child Development* (5)  
*Child: Care, Health & Development* (2)  
*Drug and Alcohol Dependence* (1)  
*Health Psychology* (2)  
*Journal of Abnormal Psychology* (2)  
*Journal of Abnormal Child Psychology* (4)  
*Journal of Adolescent Health* (18)  
*Journal of Aging and Health* (3)  
*Journal of Clinical Child and Adolescent Psychology* (1)  
*Journal of Nicotine and Tobacco* (1)  
*Journal of Research in Adolescence* (2)  
*Nicotine & Tobacco* (2)  
*Pediatrics* (1)  
*Research on Child and Adolescent Psychopathology* (2)

#### **PUBLICATIONS:**

Munroe, R. H., Munroe, R. L., Westling, E., & Rosenberg, J. (1997). Infant experience and late-childhood dispositions: An eleven-year follow-up among the Logoli of Kenya. *Ethos*, 25(3), 359-372. doi:10.1525/eth.1997.25.3.359

Westling, E., Mann, T., & Ward, A. (2006). Self-control of smoking: When does narrowed attention help? *Journal of Applied Social Psychology*, 36(9), 2115-2133. doi:10.1111/j.0021-9029.2006.00097.x

- Mann, T., Tomiyama, A., Westling, E., Lew, A., Samuels, B., & Chatman, J. (2007). Medicare's search for effective obesity treatments: Diets are not the answer. *American Psychologist, 62*(3), 220-233. doi:10.1037/0003-066X.62.3.220
- Westling, E., Garcia, K., & Mann, T. (2007). Discovery of meaning and adherence to medications in HIV-infected women. *Journal of Health Psychology, 12*(4), 627-635. doi:10.1177/1359105307078169
- Ward, A., Mann, T., Westling, E. H., Creswell, J., Ebert, J. P., & Wallaert, M. (2008). Stepping up the pressure: Arousal can be associated with a reduction in male aggression. *Aggressive Behavior, 34*(6), 584-592. doi:10.1002/ab.20270
- Westling, E., Andrews, J. A., Hampson, S. E., & Peterson, M. (2008). Pubertal timing and substance use: The effects of gender, parental monitoring and deviant peers. *Journal of Adolescent Health, 42*(6), 555-563. doi:10.1016/j.jadohealth.2007.11.002
- Westling, E. H., Hampson, S. E., Strycker, L. A., & Toobert, D. J. (2011). Use of voter registration records to recruit a representative sample. *Journal of Behavioral Medicine, 34*(5), 321-329. doi:10.1007/s10865-011-9317-9
- Toobert, D. J., Strycker, L. A., Hampson, S. E., Westling, E., Christiansen, S. M., Hurley, T. G., & Hébert, J. R. (2011). Computerized portion-size estimation compared to multiple 24-hour dietary recalls for measurement of fat, fruit, and vegetable intake in overweight adults. *Journal of the American Dietetic Association, 111*(10), 1578-1583. doi:10.1016/j.jada.2011.07.004
- Stapleton, L., Schetter, C., Westling, E., Rini, C., Glynn, L. M., Hobel, C. J., & Sandman, C. A. (2012). Perceived partner support in pregnancy predicts lower maternal and infant distress. *Journal of Family Psychology, 26*(3), 453-463. doi:10.1037/a0028332
- Westling, E., Andrews, J. A., & Peterson, M. (2012). Gender differences in pubertal timing, social competence, and cigarette use: A test of the early maturation hypothesis. *Journal of Adolescent Health, 51*(2), 150-155. doi:10.1016/j.jadohealth.2011.11.021
- Rusby, J. C., Westling, E., Crowley, R., & Light, J. M. (2013). Concurrent and predictive associations between early adolescent perceptions of peer affiliates and mood states collected in real time via ecological momentary assessment methodology. *Psychological Assessment, 25*(1), 47-60. doi:10.1037/a0030393
- Rusby, J. C., Westling, E., Crowley, R., & Light, J. M. (2014). Psychosocial correlates of physical and sedentary activities of early adolescent youth. *Health Education & Behavior, 41*(1), 42-51. doi: 10.1177/1090198113485753
- Mason, M., Mennis, J., Way, T., Light, J., Rusby, J. C., Westling, E., & ... McHenry, C. (2015). Young adolescents' perceived activity space risk, peer networks, and substance use. *Health & Place, 34*, 143-149. doi:10.1016/j.healthplace.2015.04.005
- Andrews, J.A. & Westling, E. (2016). Substance use in emerging adulthood. In J. J. Arnett (Ed). *The Oxford Handbook of Emerging Adulthood* (pp. 521-542). New York, NY: Oxford University Press.
- Andrews, J. A., Hampson, S. E., Severson, H. H., Westling, E., & Peterson, M. (2016). Perceptions and use of E-cigarettes across time among emerging adults. *Tobacco Regulatory Science, 2*(1), 70. doi:10.18001/TRS.2.1.8
- Mason, M., Mennis, J., Light, J., Rusby, J., Westling, E., Crewe, S., & ... Zaharakis, N. (2016). Parents, peers, and places: Young urban adolescents' microsystems and substance use involvement. *Journal of Child and Family Studies, 25*(5), 1441. doi:10.1007/s10826-015-0344-y

- Mennis, J., Mason, M., Light, J., Rusby, J., Westling, E., Way, T., & ... Flay, B. (2016). Does substance use moderate the association of neighborhood disadvantage with perceived stress and safety in the activity spaces of urban youth? *Drug and Alcohol Dependence*, *16*(5), 288-292. doi:10.1016/j.drugalcdep.2016.06.019
- Westling, E., Rusby, J. C., Crowley, R., & Light, J. M. (2017). Electronic cigarette use by youth: Prevalence, correlates, and use trajectories from middle to high school. *Journal of Adolescent Health*, *60*(6), 660-666. doi: 10.1016/j.jadohealth.2016.12.019
- Mason, M. J., Zaharakis, N. M., Rusby, J. C., Westling, E., Light, J. M., Mennis, J., & Flay, B. R. (2017). A longitudinal study predicting adolescent tobacco, alcohol, and cannabis use by behavioral characteristics of close friends. *Psychology of Addictive Behaviors*, *31*(6), 712. doi: 10.1037/adb0000299
- Mason, M. J., Light, J. M., Mennis, J., Rusby, J. C., Westling, E., Crewe, S., ... & Flay, B. R. (2017). Neighborhood disorder, peer network health, and substance use among young urban adolescents. *Drug and Alcohol Dependence*, *178*, 208-214. doi: 10.1016/j.drugalcdep.2017.05.005
- Rusby, J. C., Westling, E., Crowley, R., & Light, J. M. (2018). Legalization of recreational marijuana and community sales policy in Oregon: Impact on adolescent willingness and intent to use, parent use, and adolescent use. *Psychology of Addictive Behaviors*, *32*(1), 84-92. doi: 10.1037/adb0000327
- Rusby, J. C., Light, J. M., Crowley, R., & Westling, E. (2018). Influence of parent-youth relationship, parental monitoring, and parent substance use on adolescent substance use onset. *Journal of Family Psychology*, *32*(3), 310-320. doi: 10.1037/fam0000350
- Zaharakis, N., Mason, M. J., Mennis, J., Light, J., Rusby, J. C., Westling, E., Crewe, S., Flay, B., & Way, T. (2018). School, friends, and substance use: Gender differences on the influence of attitudes toward school and close friend networks on cannabis involvement. *Prevention Science*, *19*(2), 138-146. doi: 10.1007/s11121-017-0816-y
- Biglan, A., Van Ryzin, M., & Westling, E. (2019). A public health framework for the regulation of marketing. *Journal of Public Health Policy*, *40*(1), 65-75. doi: 10.1057/s41271-018-0154-8
- Rusby, J. C., Westling, E., Crowley, R., Mills, K. L., & Light, J. M. (2019). Associations between marijuana use and anxious mood lability during adolescence. *Addictive Behaviors*, *92*, 89-94. doi: 10.1016/j.addbeh.2018.12.029
- Rusby, J. C., Mason, M., Gau, J. M., Westling, E., Light, J. M., Mennis, J., ... & Flay, B. R. (2019). Relational victimization and peer affiliate prosocial behaviors in African American adolescents: Moderating effects of gender and antisocial behavior. *Journal of Adolescence*, *71*, 91-98. doi: 10.1016/j.adolescence.2019.01.002
- Light, J. M., Mills, K. L., Rusby, J. C., & Westling, E. (2019). Friend selection and influence effects for first heavy drinking episode in adolescence. *Journal of Studies on Alcohol and Drugs*, *80*(3), 349-357.
- Mills, K., Light, J. M., Rusby, J. C., & Westling, E. (2019). Diffusion of adolescent Marijuana Use in School Environments Following Recreational Legalization.
- Connell, A., Seidman, S., Ha, T., Stormshack, E., Westling, E., Wilson, M., & Shaw, D. (2021). Long-term cross-over effects of the Family Check-Up program on child and adolescent depression: Integrative data analysis of three randomized trials. *Journal of Consulting and Clinical Psychology*, *89*(9), 773-782. doi: 10.1037/ccp0000677
- Boman-Davis, M., Irvin, V., & Westling, E. (2022). Complete home smoking bans: An opportunity to improve health equity among sexual minority adults in California, USA. *BMC Public Health*, *22*(1), 1-6.

- Connell, A., Seidman, S., Ha, T., Stormshack, E., Westling, E., Wilson, M., & Shaw, D. (2022). Long-term effects of the Family Check-Up on suicidality in childhood and adolescence: Integrative data analysis of three randomized trials. *Prevention Science*, 1-11.
- Johnson-Shelton, D., Ricci, J., Westling, E., Peterson, M., & Rusby, J. C. (2022). Program evaluation of Healthy Moves™: A community-based trainer in residence professional development program to support generalist teachers with physical education instruction. *Journal of Physical Activity and Health*, 19(2), 125-131.
- Magee, K. E., Connell, A., Hipwell, A. E., Shaw, D., Westling, E., Keenan, K., ... & Stepp, S. (2022). Developmental models of depression, externalizing problems, and self-regulatory processes: Integrated data analysis across four longitudinal studies of youth. *Prevention Science*, 1-11. doi: 10.1007/s11121-022-01441-w
- Westling, E., Rusby, J. C., Crowley, R., & Light, J. M. (2022). A longitudinal study of e-cigarette, cigarette, and marijuana use sequence in youth. *Tobacco Use Insights*, 15. doi: 10.1177/1179173X221101813.
- Seidman, S., Connell, A., Stormshak, E., Westling, E., Ha, T., & Shaw, D. (2022). Disrupting maternal transmission of depression: Using integrative data analysis (IDA) to examine indirect effects of the Family Check-Up (FCU) across three randomized trials. *Prevention Science*, 1-12.
- Heley, K., Popova, L., Moran, M., Ziyad, B. T., Hart, J., Wackowski, O., Westling, E., Smiley, S., & Stanton, C. (2023). Targeted tobacco marketing in 2020: the case of # BlackLivesMatter. *Tobacco Control*.
- Otten, R., Ha, T., Westling, E., Lemery-Chalfant, K., Wilson, M. N., & Shaw, D. S. (under review). How pubertal timing and self-regulation predict adolescent sexual activity in resource-poor environments. *Development and Psychopathology*.
- Westling, E., O'Hara, C. A., Gordon, J., Meng, P. M., Purdum, B., Bonner, A. C., & Biglan, A. (under review). Harmful marketing: An overlooked social determinant of health. *Prevention Science*.
- Pinoliar, A., Ellis, G., Boman-Davis, M., & Westling, E. (under review). Enhancing future health equity plans: Insights from an evaluation of public health equity resources in Oregon. *Health Equity*.
- Andrews, J. A., Gordon, J. A., Westling, E., & Smith, D. (under review). Assessing the pragmatic effectiveness and implementation of *Click City*®: *Tobacco*: A school-based prevention program targeting youth cigarette and e-cigarette use. *Nicotine & Tobacco Research*.
- Ricci, J., Johnson-Shelton, D., & Westling, E. (under review). Preliminary program evaluation of *Pocket PE 3-5™*, a user-friendly digital application for teacher skills training and physical education activities for 3<sup>rd</sup>-5<sup>th</sup> grade elementary students. *Journal of Physical Activity & Health*.
- Cil, G., Winters, K., Austin, S., Kittleman, A., Smolkowski, K., Westling, E., & Seeley, J. (under review). Legalization and retail availability of recreational marijuana and adolescent use in schools. *Health Economics*.

#### **SELECTED PRESENTATIONS:**

- Westling, E., Creswell, J. D., Ward, A., & Mann, T. (May, 2004). *Self-control of smoking and aggression: When does narrowed attention work?* Poster presented at the American Psychological Society Annual Convention, New Orleans, LA.
- Westling, E., Andrews, J. A., & Petersen, M. (May, 2005). *The effect of pubertal timing on early cigarette and alcohol use: An exploration of gender differences*. Society for Prevention Research, Washington, D.C.

- Toobert, D.J., Duncan, S., Strycker, L.A., Hampson, S.E., Christiansen, S.M., & Westling, E. (June, 2009). *An interactive computer program for improving the accuracy of self-reported physical activity intensity*. International Conference on Diet and Activity Methods, Washington, D.C.
- Toobert, D.J., Strycker, L.A., Hampson, S.E., & Westling, E. (June, 2009). *An interactive computer program for improving portion estimation accuracy in brief dietary screeners*. International Conference on Diet and Activity Methods, Washington, D.C.
- Reid, M., Westling, E., Lewis, C., Murakami, J., Simons, A., Andrews, J. (June, 2010). *Differential relationships among life stress, precursors of substance use, and depressive symptoms as a function of cortisol regulation in adolescent girls*. Society for Prevention Research, Denver, CO.
- Westling, E., Andrews, J. A., & Petersen, M. (June, 2010). *Gender differences in pubertal timing, social competence, and cigarette use*. Society for Prevention Research, Denver, CO.
- Andrews, J., Westling, E., & Hampson, S. (June, 2011). *The influence of parent drinking on their adolescent's heavy drinking: Developmental periods and processes*. Society for Prevention Research, Washington, D.C.
- Westling, E. H., Andrews, J. A., & Foster, S. L. (March, 2011). *Ecological momentary assessments of adolescent girls' moods: Relations to substance use*. Society for Research on Child Development, Montreal, Quebec, Canada.
- Lorenz, N., Andrews, J., Westling, E., Simons, A., Reid, M., & Peterson, M. (October, 2011). *Biological and behavioral responses to stress in emerging adulthood*, Society for the Study of Emerging Adulthood, Providence, RI.
- Light, J. M., Rusby, J. C., Westling, E., Nies, K. M., Johnson-Shelton, D., & Snijders, T. A. B. (March, 2012). *Is obesity contagious? Social network dynamics of fast food consumption and sedentary activity among middle-school-age youth*. Society for Research on Adolescence, Vancouver, B.C., Canada. (E. Westling presenter)
- Mennis, J., Mason, M. J., Light, J., Rusby, J., Westling, E., Way, T., & Zaharakis, N. (April, 2014). *Integrating Ecological Momentary Assessment (EMA) with GPS data to study geographic characteristics of adolescent substance use: Preliminary results*. Association of American Geographers Annual Meeting, Chicago, IL.
- Westling, E. (October, 2015). *Life stress and substance use in emerging adulthood: Findings and implications from the Oregon Youth Substance Use Project*. Society for the Study of Emerging Adulthood, Miami, FL.
- Rusby, J. C., Westling, E., Crowley, R., & Light, J. M. (June, 2017). *Recreational marijuana legalization and community policy in Oregon: Influence on youth attitudes, peer use, parent use, and youth use*. Society for Prevention Research, Washington, D.C.
- Rusby, J. C., Gau, J., Westling, E., & Light, J. M. (June, 2017). *Longitudinal study on victimization of relational aggression and peer network health: Moderating effects of gender and antisocial behavior*. Society for Prevention Research, Washington, D.C.
- Westling, E., Gau, J., Rusby, J. C., & Light, J. M. (June, 2017). *Risky sexual behaviors and peer network health in urban African American adolescents*. Society for Prevention Research, Washington, D.C.
- Rusby, J. C., Light, J. M., Westling, E., & Crowley, R. (May, 2018). *How parent and youth perspectives on parental monitoring and parent-youth relationship quality contribute to the prediction of youth alcohol and marijuana onset*. Society for Prevention Research, Washington, D.C. (E. Westling presenter)
- Westling, E., Mills, K., Rusby, J. C., & Light, J. M. (May, 2018). *Assessing the risk for dating conflict in adolescence using Ecological Momentary Assessment (EMA)*. Society for Prevention Research, Washington, D.C.

- Westling, E., Crowley, R., Rusby, J. C., & Light, J. M. (February, 2018). *Sequence of substance initiation in youth: A longitudinal examination of electronic nicotine delivery systems, cigarettes, and cannabis*. Society for Research on Nicotine and Tobacco, Baltimore, MD.
- Westling, E., Severson, H., & Peterson, M. (February, 2018). *Middle school students' willingness, intentions, and use of e-cigarettes: Differences by ethnicity and acculturation*. Society for Research on Nicotine and Tobacco, Baltimore, MD.
- Light, J., Mills, K., Rusby, J., & Westling, E. (May, 2019). *Selection and influence effects of marijuana use in the transition into high school*. Society for Prevention Research, San Francisco, CA.
- Rusby, J., Westling, E., Crowley, R., Mills, K., & Light, J. (May, 2019). *Marijuana use and anxious mood lability during adolescence*. Society for Prevention Research, San Francisco, CA.
- Westling, E., Rusby, J., Crowley, R., & Light, J. (May, 2019). *A longitudinal study of the relationship between marijuana, e-cigarette, and cigarette use in youth*. Society for Prevention Research, San Francisco, CA.
- Andrews, J., Gordon, J. S., & Westling, E. (February, 2021). *Effectiveness of Click City®: Tobacco, a smoking and vaping prevention program for 5<sup>th</sup> graders*. Society for Research on Nicotine and Tobacco, virtual.
- Westling, E. (May, 2021). *Changes in propensity to use drugs. "COVID-19 Impact on Drug Use, Overdose, and Other Health Harms: How Do We Model It?"* Webinar, Center for Health Economics of Treatment Interventions for Substance Use Disorder, HCV, and HIV (CHERISH)
- Jacobs, W., Jeon, K., Merianos, A. L., Westling, E., Wilson, M. N., & Shaw, D. S. (March, 2022). *Psychosocial determinants of change in electronic nicotine delivery systems and cannabis use in low-income emerging adults during the COVID-19 pandemic*. American Public Health Association Annual Scientific Meeting, Key Largo, FL.
- Feil, E. G., Smith, D. R., Leong, A., Leve, C., & Westling, E. (May, 2022). *Reaching out to participants receiving parent education in agencies delivering services to low-income families with a multi-media intervention to promote dental hygiene among young children*. Society for Prevention Research 30th Annual Meeting. Seattle, WA,
- Westling, E., Andrews, J. A., Gordon, J. S. (March, 2023). *Click City®: Tobacco – A smoking and vaping prevention program*. Society for Research on Nicotine and Tobacco 29<sup>th</sup> Annual Meeting. San Antonio, TX.
- Ostner, S. G., Clifford, S., Westling, E., Shaw, D. S., Tein, J., Brown-Iannuzzi, J., Wilson, M. N., & Lemery-Chalfant, K. (June, 2023). *Polygenic and parental influences on young adult cannabis use problems*. Behavior Genetics Association, 53<sup>rd</sup> Annual Meeting. Murcia, Spain.
- Sherpa, D., Serrano, S., Cleland, C., Westling, E., Maria, Z., Salguero Padilla, A., Filippone, P., Amos, B., Cluesman, S., Munson, M., Israel, K., Wilton, L., Rosmarin-DeStefano, C., & Gwadz, M. (November, 2023). *Using ecological momentary assessment (EMA) to assess black and Latino emerging adults living with HIV over time: Comparing those with and without viral suppression*. American Public Health Association Annual Scientific Meeting. Atlanta, GA.

#### **CURRENT RESEARCH SUPPORT:**

Title: Development and Evaluation of a Multi-Media Training Program for Elementary School Bullying and Abuse Prevention: radKIDS 2.0

Role: Co-Investigator/ORI Site PI

Agency: NIH/NIMHD

Grant Number: 1 R43 MD015695-01

Time Frame: 07/2023 – 06/2025

Total Award Amount (including Indirect Costs): \$1,971,157

Principal Investigator: D. Johnson-Shelton

Description: The proposed project seeks to complete the adaption of the current 40-hour in-person radKIDS® instructor training (begun in Phase I) into a blended, multimedia in-person/online format to promote child safety from victimization and test the effectiveness of the program with a diverse school-based sample in a clustered randomized trial.

Title: Development and Evaluation of School-based Digital Adolescent Oral Health Promotion Program for the Reduction of Oral Health Disparities

Role: MPI/Contact PI

Agency: NIH/NIDCR

Grant Number: 1 UG3DE033198-01

Time Frame: 07/2023 – 06/2030

Total Award Amount (including Indirect Costs): \$4,499,884

Principal Investigators: E. Westling & E. Feil

Description: Based on formative research with targeted populations, this UG3/UH3 project will develop and evaluate a theoretically based digital dental health promotion program designed to engage lower income, Black/African American, Latinx, and white non-Hispanic 7th and 8th grade students. The school-based, web-based intervention will address existing dental health disparities by providing access to the program to all students via school internet and digital devices. The long-term goal of this project is to facilitate healthy dental care habits for adolescents by reducing persistent oral health disparities and preventing oral disease.

Title: Development, feasibility, and acceptability of Aim to Play, a user-friendly digital application for teacher skills training and physical education activities for K-2 elementary students

Role: Co-Investigator/ORI Site PI

Agency: NIH/NICHHD

Grant Number: 1 R43 MD018245-01

Time Frame: 08/2023 – 04/2024

Total Award Amount (including Indirect Costs): \$259,552

Principal Investigators: D. Johnson-Shelton & J. Ricci

Description: Our overarching goal is to develop a prototype version of Aim to Play™, a cross-platform, digital program app designed for kindergarten-2nd grade classroom teachers, providing easy access to tailored, engaging classroom or gymnasium PE activities that meet the needs of teachers and students. We then aim to evaluate the usability, satisfaction, and acceptability of the K-2 Aim to Play™ program in school settings, as well as fidelity of implementation.

Title: Preventing Adult Mental Health Problems from Early Childhood in the Contexts of Genetic Susceptibility, Poverty, Racism, and the COVID-19 Pandemic

Role: Multiple Principal Investigator (Contact/Primary Site PI)

Agency: NIH/NIMH

Grant Number: R01 MH131670-01

Time Frame: 2023-2027

Total Award Amount (including Indirect Costs): \$3,801,453

Principal Investigators: E. Westling, D. S. Shaw, J. Brown-Iannuzzi, K. Lemery-Chalfant



Description: The goals include examining genetic, intervention, and contextual influences on the development of mental health problems across the transition to adulthood.

Title: *Click City: Cannabis* - An Interactive, Scalable, High-Fidelity, Digital Prevention Program for Youth

Role: Multiple Principal Investigator

Agency: NIH/NIDA

Grant Number: R43 DA055376-01

Time Frame: 2022–2024

Total Award Amount (including Indirect Costs): \$256,492

Principal Investigators: E. Westling & J. Andrews

Description: The overarching goal of the proposed research is to create an effective, engaging, and scalable school-based digital prevention program for 8th and 9th grade students, *Click City®: Cannabis*, to prevent or decrease use of cannabis.

Title: Long-term Effects of the Family Check-up on Depression and Suicide across Trials and Development

Role: Co-Investigator/ORI Site PI

Agency: NIH/NIMH

Grant Number: R01 MH122213

Time Frame: 2019-2023

Total Award Amount (including Indirect Costs): \$948,773

Principal Investigator: A. Connell

Description: The goal of this study is to evaluate the effects of the Family Check Up, an empirically supported prevention program designed to reduce behavior problems and substance use, on long-term crossover effects on depression, suicidal ideation, and attempts. Utilizing integrative data analysis, we will harmonize depression, suicide ideation, and behavior measures across developmental periods from multiple datasets.

Title: Parent-Child Interaction Dynamics Mediate Genetic and Prevention Effects on the Development of Adolescent Substance Use Disorders

Role: Co-Investigator/ORI Site PI

Agency: NIH/NIDA

Grant Number: R01 DA053740

Time Frame: 2022-2026

Total Award Amount (including Indirect Costs): \$2,130,704

Principal Investigators: K. Lemery-Chalfant & J. Tein

Description: To apply state-of-the art statistical methods to study the longitudinal effects of early family dynamics on adolescent SUD, and test mediation of genetic risk and family intervention effects based on randomization to the Family Check-Up and control conditions. The advanced investigation of the intervention mechanisms will inform the specification and refinement of more potent and effective family-based interventions.

## **CONSULTING**

Title: Advancing Knowledge on Factors that Promote or Impede Engagement Along the HIV Care Continuum Over Time: A Longitudinal Mixed Methods Study of Black and Latinx Youth/Emerging Adults Living with HIV

Role: Consultant. Dr. Westling will contribute her experience and insights on the projects ecological momentary assessment (EMA) component of the project. She will inform the projects EMA protocols and

provide guidance during the planning and implementation phases. She will be an active consultant for the duration of the project (4 years).

Agency: NIH/NIDA

Grant Number: R01 DA054081-01

Time Frame: 07/2021 – 05/2025

Total Award Amount (including Indirect Costs): \$2,800,000

Principal Investigators: M. Gwadz & L. Wilton

Description: Young people living with HIV in adolescence through emerging adulthood (ages 16-28 years) have the lowest rates of regular engagement in HIV care and adherence to HIV medications of any age group, with Black and Latinx individuals experiencing the greatest barriers to favorable HIV health outcomes. To provide a detailed understanding of the factors that promote or impede HIV management in this group, we will follow Black and Latinx youth/emerging adults living with HIV, half with optimal HIV health outcomes at enrollment (undetectable HIV viral load) and half without, for 18 months. Participants will engage in structured assessments, in-depth qualitative interviews, real-time ecological momentary assessments in two-week bursts, and biological tests (HIV viral load tests, drug tests), and a Youth Advisory Board comprised of youth living with HIV will help interpret findings in order to inform new policies, health care service practices, and interventions.

#### **SELECTED COMPLETED RESEARCH PROJECTS:**

Title: Development, Feasibility, and Acceptability of *Aim to Play™*, a User-friendly Digital Application for Teacher Skills Training and Circuit-based Physical Education Activities for Elementary Students.

Role: Co-Investigator/ORI Site PI

Agency: CDC

Grant Number: R43DP006743-01-00

Time Frame: 2022-2023

Total Award Amount (including Indirect Costs): \$259,475

Principal Investigators: D. Johnson-Shelton & J. Ricci

Description: The goal of this Phase I project is to develop and evaluate the feasibility of the *Aim to Play™* digital application, a cross-platform Physical Education (PE) program designed for 3rd-5th grade classroom teachers as a training/instructional tool for elementary schools to provide an accessible program that can be scaled to reach regular classroom teachers who teach PE in low-resourced schools, and those with underserved student populations.

Title: Preventing Substance Use in the Context of Poverty: Risk and Protection from Early Childhood to Early Adulthood

Role: Multiple Principal Investigator

Agency: NIH/NIDA

Grant Number: 2R01 DA036832

Time Frame: 2019-2022

Principal Investigators: D. Shaw, M. Wilson, E. Westling

Description: The goal of this study is to examine direct, interactive, and cascading effects of child, genetic, family, peer, and neighborhood factors on alcohol and drug use disorders and related outcomes in a longitudinal, multi-ethnic sample; we will assess family and young adult functioning at age 19. We will examine lasting effects of the Family Check-Up on alcohol and drug use disorders, problem behaviors, and prosocial behaviors.

Title: Development and Evaluation of a Multi-media Training Program for Elementary School Bullying and Abuse Prevention: radKIDS® 2.0

Role: Associate Scientist

Agency: NIH/NIMHD

Grant Number: R43 MD015695-01

Time Frame: 2020-2022

Principal Investigator: D. Johnson-Shelton

Description: The project will adapt instructor training for the radKIDS® bullying prevention program into a multi-media, behavioral skill-training platform to promote safer school environments and child victimization prevention skills.

Title: The Effects of the COVID-19 Pandemic on Substance Use, Mental Health, and Service Utilization in the Early Steps Multisite Longitudinal Sample

Role: Multiple Principal Investigator/ORI Site PI

Agency: NIH/NIDA

Grant Number: 3R01DA036832-07S1

Principal Investigators: E. Westling, D.S. Shaw, & M.N. Wilson

Time Frame: 09/2019 – 08/2022 (NCE)

Description: This Administrative Supplement adds two COVID-19 related assessments to the ongoing longitudinal Early Steps multisite study of 731 diverse, low-income families. The major goal is to examine changes in primary caregiver and young adult functioning across time, including how mental health history, service utilization, and receipt of a family-based intervention may affect functioning during the COVID-19 pandemic.

Title: Preventing Substance Use in the Context of Poverty: Risk and Protection from Early Childhood to Early Adulthood

Role: Multiple Principal Investigator/ORI Site PE

Agency: NIH/NIDA

Grant Number: DA036832-06

Principal Investigators: E. Westling, D.S. Shaw, & M.N. Wilson

Time Frame: 09/2019 – 08/2022 (NCE)

Description: The goal of this study is to examine direct, interactive, and cascading effects of child, genetic, family, peer, and neighborhood factors on alcohol and drug use disorders and related outcomes in a longitudinal, multi-ethnic sample; we will assess family and young adult functioning at age 19. We will examine lasting effects of the Family Check-Up on alcohol and drug use disorders, problem behaviors, and prosocial behaviors.

Title: Expanding the *Click City*®: Tobacco Prevention Program to Include E-cigarettes

Role: Co-Investigator

Agency: NIH/NIDA

Grant Number: R44 DA044025

Time Frame: 2018-2022 (Extended due to COVID-19 school closures)

Principal Investigators: J. Andrews & J. Gordon

Description: In this Phase II SBIR, we plan to demonstrate the real-world efficacy of our evidence-based computerized tobacco prevention program, Click City®: Tobacco, which now includes a focus on preventing the initiation of e-cigarettes and other vaping devices, among youth. Click City®: Tobacco is a school-based program for 5th graders, with a booster in 6th grade, designed to be delivered prior to

smoking or vaping initiation. We will test the program in approximately 60 elementary schools in Oregon and Arizona.

Title: Perceptions, Initiation, and Use of E-cigarettes among Middle School Students

Role: Principal Investigator

Agency: NIH/NCI/FDA

Grant Number: R03 CA206551

Time Frame: 2016-2019

Description: Youth are using electronic cigarettes/e-cigarettes at a rapidly increasing rate. There is a lack of scientific knowledge regarding why e-cigarettes are appealing to youth, the effects of e-cigarette use, and how e-cigarette marketing is influencing adolescents' beliefs, intentions, and willingness to use these novel tobacco products. We are examining prevalence of lifetime use and patterns of current use of e-cigarettes among students ages 11-14 across a school year, assessing concurrent and prospective factors related to initiation and use of e-cigarettes among students, and exploring associations between e-cigarette initiation and co-use or willingness and intentions to use other tobacco products as a result of using e-cigarettes.

Title: Early Family Prevention of Adolescent Alcohol Drug Use and Psychopathology

Role: Co-Investigator/ORI Site Principal Investigator

Agency: NIH/NIDA

Grant Number: R01 DA036832, 2014-2019

Principal Investigators: D. Shaw & M. Wilson

Description: The Early Steps multisite at-risk sample was recruited from Women, Infant & Children centers in three geographically, socioeconomically, and ethnically diverse communities: Pittsburgh, PA; Charlottesville, VA; and Eugene, OR. Children and families were initially assessed at child age 2 and then yearly through age 10.5, using a multi-agent and multi-method strategy that included direct observations of family interaction in most years. Families were randomly assigned to be offered a yearly Family Check-Up intervention, including adapted and tailored family management interventions. This project evaluates the Family Check-Up as it relates to reducing adolescent substance use, high-risk sexual behavior linked to HIV, and other serious problem behavior at ages 14 and 16, how such intervention effects might be mediated by changes in parenting, and moderated by neighborhood adversity and GxE interactions.

Title: Peer Influence and Selection Mechanisms Underlying Adolescent Problem Behaviors

Role: Co-Investigator

Agency; NIH/NIDA

Grant Number: R01 DA034062

Time Frame: 2013-2019

Principal Investigators: J. Light & J. Rusby

Description: Peers are an important influence on the behavioral development of adolescents. Findings suggest that many problem behaviors, including substance use, antisociality, and risky sexual behavior are modeled and reinforced by peers. Youth tend to select other peers who are like them in risk behaviors, and they influence each other to engage in problem behaviors. We are using cutting-edge technologies for web-based and real-time surveys to examine the peer and social influences on adolescent problem behavior.

Title: Social-spatial Risk and Protective Mechanisms in Urban Adolescent Substance Use

Role: Co-Investigator

Agency: NIH/NIDA

Grant Number: R01 DA031724

Time Frame: 2012-2018

Principal Investigator: M. Mason

Description: Using Global Positioning System (GPS) and Ecological Momentary Assessment (EMA) technology, we tested the extent to which individual personal social network quality (risk/protection) moderated the effects of neighborhood-level predictors on adolescent substance use. We also examined how network quality mediates the effect of mental health predictors on adolescent substance use.

Title: Expanding the *Click City*<sup>®</sup>: Tobacco Prevention Program to Include E-cigarettes

Role: Co-Investigator

Agency: NIH/NIDA

Grant Number: R34 DA044025

Time Frame: 2017

Principal Investigators: J. Andrews & D. Smith

Description: In this Phase I SBIR, we demonstrated the feasibility of modifying an existing, effective, computer-based, tobacco prevention program, *Click City*<sup>®</sup>: Tobacco, to prevent the initiation of e-cigarettes and other vaping devices among youth. *Click City*<sup>®</sup>: Tobacco is a school-based program for 5th graders, with a booster in 6<sup>th</sup> grade, designed to be delivered prior to smoking or vaping initiation.

Title: Childhood and Adolescent Predictors of Substance Abuse in Emerging Adulthood

Role: Associate Scientist

Agency: NIH/NIDA

Grant Number: R01 DA010767

Principal Investigator: J. Andrews

Time Frame: 2009-2015

Description: This was a continuation of a longitudinal study to expand our knowledge of the processes related to the development of substance use from adolescent through emerging adulthood; addiction and dependence in emerging adulthood; stress biomarkers; and risky sexual behavior in late adolescence and emerging adulthood.

Title: Evaluation of the Sodium Reduction in Community Programs

Role: Program Evaluator/Data Analyst

Agency: CDC/Oregon Health Authority's Health Promotion and Chronic Disease Prevention

Time Frame: 2016-2018

Description: We evaluated a statewide project administered by the Oregon Health Authority to reduce sodium consumption in congregate meals provided by Oregon schools, prisons, and state hospitals. The program increased the availability of lower sodium foods while also engaging the food sector in facilitating reduced sodium levels in packaged and restaurant foods in Oregon. Using the CDC's Evaluation Framework, we were responsible for coordinating the development, implementation, and evaluation of the program.

Title: Rural School Program Evaluation for Ophelia's Place

Role: Program Evaluator/Data Analyst

Agency: Ford Foundation

Time Frame: 2015-2018

Description: I partnered with a local nonprofit, Ophelia's Place, to evaluate a middle school-based intervention in a convenience sample of intervention and control schools in Oregon.

Title: Childhood and Adolescent Predictors of Substance Abuse in Emerging Adulthood

Role: Associate Scientist

Agency: NIH/NIDA

Grant Number: R01 DA010767

Principal Investigator: J. Andrews

Time Frame: 2009-2015

Description: This was a continuation of a longitudinal study to expand our knowledge of the processes related to the development of substance use from adolescent through emerging adulthood; addiction and dependence in emerging adulthood; stress biomarkers; and risky sexual behavior in late adolescence and emerging adulthood.