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EDUCATION

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|------------------------------|------------|---------------------------------|------|
| Brandeis University | Ph.D. | Social-Developmental Psychology | 1991 |
| University of New Mexico | non-degree | Psychology | 1983 |
| Peace Corps Teacher Training | non-degree | Science Education | 1979 |
| New Mexico State University | B.S. | Chemistry | 1979 |

RESEARCH INTERESTS

Areas of Specialization

Prevention Research; Substance Abuse; Crime and Delinquency; Life-Span Development; Intergenerational Mechanisms; Gene-Environment Interplay; Research Methods

Ever since working as a teacher in the Congo in the late 1970's, I have sought to understand the optimal conditions for development. Prior to working at the University of Washington's Social Development Research Group, I focused on prosocial development, cognitive development, motivation, and the qualitative aspects of performance. While at Brandeis University and Wellesley College, I adopted a systems-oriented, social-developmental, life-span approach.

During the ensuing twenty-three years at the University of Washington as project director, investigator and PI on the Seattle Social Development Project, and ten years as PI of the SSDP Intergenerational Project (The Intergenerational Influence of Substance Use on Children, NIDA, R01 DA12138) my work focused on understanding development and consequences of antisocial behaviors such as violent and non-violent delinquency, crime, and gang membership, drug use and dependence, and the mechanisms of continuity and discontinuity in these behaviors across generations. Additionally, I led a NIDA-funded study to examine *gene-environment interplay in the development of alcohol and tobacco addiction and related problems*. This research endeavor was implemented through a multidisciplinary team in collaboration with Matthew McGue and William Iacono and others at the Minnesota Center for Twin and Family Research, and sought to understand the relationship of social and genetic vulnerabilities that may determine addiction and related behaviors from adolescence through adulthood.

As the current Director of the *Prevention Science Program* (formerly *Problem Behavior and Positive Youth Development Program*) at CU, Boulder I have sought to enhance collaboration within and beyond the Program, and to engage in Program-wide strategic planning to lay down a blueprint for the next five years of our work. My own research efforts continue to focus on the prevention of tobacco addiction, particularly among marginalized populations. I continue to ask: What are optimal family, peer, school and community environments that encourage healthy youth and adult development? And How do we work with communities to make this happen?

RESEARCH AND TEACHING POSITIONS

Director, *Prevention Science Program*, Institute of Behavioral Science, CU Boulder, 2017-present.

Professor, *Department of Psychology and Neuroscience*, CU Boulder, 2017-present.

Professor, *University of Washington Graduate Faculty*, University of Washington, Seattle WA, 2003-present.

Research Professor, *Social Development Research Group, School of Social Work*, University of Washington, Seattle WA, 2015-2017.

Faculty, *Public Health Genetics, School of Public Health*, University of Washington, Seattle, WA, 2016-2020.

Research Associate Professor, *Social Development Research Group, School of Social Work*, University of Washington, Seattle WA, 2003-2015.

Research Scientist, *Social Development Research Group*, Director of the Seattle Social Development Project (SSDP), University of Washington, Seattle WA, 1994-2003.

Assistant Professor, *Department of Psychology, Wellesley College, Wellesley MA*, 1990-1994.

Lecturer, *Department of Psychology, Wellesley College, Wellesley MA*, 1988-1990.

Research Associate, *Brandeis University, Waltham MA*, 1990-1991.

Statistics Consultant, *Center of Creative Leadership, Greensboro NC*, 1984-1989.

Statistics Consultant/Programmer, *Feldberg Computer Center, Brandeis University, Waltham MA*, 1984-1986.

CURRENTLY FUNDED RESEARCH AND PROPOSALS UNDER REVIEW

Currently Funded

Testing the Efficacy of Botvin's High School LifeSkills Training Program. Co-Principal Investigator. (Arnold Ventures). This study will provide an independent, rigorous cluster-randomized controlled trial with 55 high schools in Colorado and Ohio to test the efficacy of *Botvin's High School LifeSkills Training* in reducing (primary) tobacco and cannabis use over time, as well as (secondary targets) alcohol use, illicit drug use, violence, mental health and academic achievement. Assessments will be at baseline, immediate posttest, 1-year follow-up and 21-month follow-up. *Botvin's LifeSkills Training* (LST) is a classroom-based substance abuse prevention program designed to prevent teenage tobacco use, drug and alcohol abuse, violence and other risk behaviors by teaching students self-management skills, social skills, and drug awareness and resistance skills. Currently, the middle school (grades 6-8) version of LST has strong evidentiary support in reducing tobacco use and related problems. However, the much briefer high school (grade 9 or 10) version of LST has only limited, though promising, positive evidence for reducing high school adolescent substance use. Total cost: \$1,973,557. 1 July 2020 to 31 March 2025.

Empowering Youth to Realize Equity and Prevent Violence: Youth Violence Prevention Center-Denver, Co-Principal Investigator. (Centers for Disease Control, Beverly Kingston PI). Administered through the Center for the Study and Prevention of Violence at CU Boulder, this project establishes and maintains the Youth Violence Prevention Center – Denver (YVPC-D) which partners with local community organizations in Denver's Far Northeast and Park Hill communities to identify, implement, and evaluate community-wide strategies that create safe, supportive environments for all young people. \$1,199,927. July 2021- June 2025.

The Intergenerational Transmission of Parenting and Self-Regulation Following a Universal Preventive Intervention in Childhood. Investigator. (R01; NICHD, Sara Burr Johnson and Rashelle Musci, PIs, Johns Hopkins Univ, School of Public Health). This three-generation study seeks to determine whether self-regulation in childhood is a foundation for parenting in adulthood and whether a successful universal preventive intervention to improve self-regulation in childhood also improves self-regulation in the next generation. Total costs: \$4,089,815. July 2019-August 2024.

Blueprints for Healthy Youth Development Advocacy Initiative. Co-Principal Investigator (Arnold Ventures). Blueprints for Healthy Youth Development provides a registry of evidence-based positive youth development programs designed to promote the health and well-being of children and teens. We review the available evidence of prevention programs (over 1,500 reviewed to date) to determine those that meet the "tested and effective" standard. These programs will help young people reach their full potential by promoting positive youth development such as academic performance and success, emotional well-being, positive relationships, and physical health, and by helping young people to overcome challenges associated with violence, delinquency, and substance abuse. This project supports *Arnold Venture's Evidence-Based Initiative* by promoting interventions that show evidence of improving policy-important outcomes over a sustained period of time. To do this, we are pursuing three primary activities. **(1) Provide a trusted source of accessible information on experimentally proven interventions recommended for large-scale implementation that meet a high evidentiary standard** by supporting the Blueprints' rigorous systematic review process, website, and other targeted marketing efforts. **(2) Expand Blueprints' methods for communicating important findings on effective interventions** by updating the process for synthesizing Blueprints model and model plus programs (i.e., interventions that are ready for wide-scale adoption), and corresponding language, to reflect how much the intervention will "move the needle" in terms of impacting important policy outcomes. And **(3) Enhance Blueprints' advocacy efforts in implementing systems that prevent social problems** by influencing decision-makers (e.g., legislators, funders, agency directors, etc.), practitioners, and the general community to direct resources toward, scale and sustain behavioral interventions that are backed by sound research. (\$1,998,675 in total costs over 3 years, July 2022, June 2025).

Under Review

A Multisite Effectiveness-Implementation Trial of a Parent-Adolescent Intervention to Reduce College Student Substance Use and Related Problem Behaviors. Co-Investigator (R01-NIDA). This proposed study tests the Letting Go and Staying Connected intervention, the first theory-based, interactive, self-administered handbook designed to prevent or reduce adolescent substance use and related risk behaviors and increase academic success and other positive developmental outcomes. An RCT established program efficacy—students in the intervention condition (vs. control) were less likely to initiate or increase substance use during their first semester in college (ORs=.45 to .73). However, this trial was based on a homogeneous sample of mostly White students living on campus in a single rural setting, did not explicitly test outcomes beyond substance use, include Spanish language materials, or assess both parent- and university-level implementation outcomes. Thus, it remains unknown if this intervention is generalizable across more diverse student populations and university settings, and across broader health and academic outcomes. (Submitted, NIDA, Total Costs requested: \$2,990,960)

Testing cross-generational effects of the Raising Healthy Children intervention. Investigator. (R01 – NIDA). This three year R01 project will analyze existing prospective data linking 2 generations from SSDP and the SSDP Intergenerational Project (SSDP-TIP) to test (Aim 1) the long-term effects of the RHC intervention through age 42 on SSDP participants who became parents, (Aim 2) to test cross-generational effects of the intervention among offspring during adolescence (ages 12-18) and young adulthood (ages 18-25), and (Aim 3) to test hypothesized mechanisms of cross-generational intervention effects. (Submitted to NIDA, Total costs requested: \$915,777.)

PREVIOUSLY FUNDED RESEARCH

Better Conferences, Better Outcomes. Investigator. (Heising-Simons Foundation, Patricia Rankin, PI). The purpose of this project is to identify strategies to increase gender and intersectional equity in the Science, Technology, Engineering, Mathematics and Medicine (STEMM) fields, starting with STEMM conferences. Along with Drs. Patricia Rankin, Donna Caccamise and two graduate student mentees, we are reviewing the research evidence to best practices to advance gender and intersectional equity in STEMM and providing a report of specific recommendations and metrics that the Heising-Simons Foundation can employ for the conferences they support. Total costs: \$153,700. June 2019-October 2023.

Blueprints for Healthy Youth Development. Co-Principal Investigator. (Arnold Ventures, Role: Co-PI). Blueprints for Healthy Youth Development provides a registry of evidence-based positive youth development programs designed to promote the health and well-being of children and teens. We review the available evidence of prevention programs (over 1,500 reviewed to date) to determine those that meet the "tested and effective" standard. These programs will help young people reach their full potential by promoting positive youth development such as academic performance and success, emotional well-being, positive relationships, and physical health, and by helping young people to overcome challenges associated with violence, delinquency, and substance abuse. This project supports *Arnold Venture's Evidence-Based Initiative* by promoting interventions that show evidence of improving policy-important outcomes over a sustained period of time. To do this, we are pursuing two primary activities. **1) Provide a trusted source of accessible information on experimentally proven interventions recommended for large-scale implementation** that meet a high evidentiary standard based upon a rigorous systematic review of all the research evidence. And **2) advance national dialogue on the importance of adopting high scientific standards and promoting experimentally proven interventions.** Total cost: \$1,649,850. 1 July 2019 through 30 June 2022

Responsibilities on these earlier funded projects as a PI and as an investigator consistently include: identification and definition of research problems concerning the aims of the project; developing project research methodology; work plan and budget development and management; supervision of analysis and writing teams; primary analysis and writing; collaboration with outside researchers; presentation of project findings, and directing grant writing to secure future funding.

The Role of Flavored Tobacco Use on Young Adult and Adult Tobacco Attitudes and Use Behaviors Over Time. Investigator. (University of Southern California/FDA, Christine Steeger, PI). The purpose of this project is to examine associations between flavors and tobacco use behaviors, and mediators and moderators of effects will help inform further regulations for tobacco product flavors and identify intervention targets and health disparities. Total costs: \$ 62,386. Sept 2020-June 2022.

- Blueprints for Healthy Youth Development. Principal Investigator.** (Arnold Ventures). Blueprints for Healthy Youth Development provides a registry of evidence-based positive youth development programs designed to promote the health and well-being of children and teens. We review the available evidence of prevention programs (over 1,500 reviewed to date) to determine those that meet the "tested and effective" standard. These programs will help young people reach their full potential by promoting positive youth development such as academic performance and success, emotional well-being, positive relationships, and physical health, and by helping young people to overcome challenges associated with violence, delinquency, and substance abuse. Total cost: \$3,000,000. June 2016-July 2020.
- Cannabis Legalization: Youth Substance Use, Conduct Problems, & HIV Risk Behavior. Investigator.** (R01; National Institute on Drug Abuse, grant #DA023089, Jennifer Bailey, PI, University of Washington). The recent legalization in Washington State of recreational marijuana use for adults has unknown consequences for marijuana use, other drug use, and problem behaviors among youth. This study follows up families in the SSDP Intergenerational Project in order to evaluate the effects of marijuana legalization on these important youth outcomes. This study also will evaluate the effects of marijuana legalization on risk factors linked to youth marijuana and other drug use, including parent, peer, and romantic partner drug use; attitudes about marijuana; availability of marijuana; and parenting practices. Total cost: \$2,797,039. Dec 2015 – Dec 2019.
- Gene-Environment Interplay in the Development of Drug Abuse, HIV Sexual Risk Behavior and Comorbid Problems. Principal Investigator.** (R01; National Institute on Drug Abuse, grant #DA024411 01-07). Tobacco and alcohol abuse and dependence are leading preventable causes of disease and death in the United States. Vulnerability to develop tobacco and alcohol dependence and comorbid problems is influenced by a combination of environmental and genetic factors. This study began with two years of initial ARRA (stimulus) support, and subsequently another five years of support to examine how genes and environment work together in affecting the development of tobacco and alcohol addiction and related problems in adulthood. Total cost: \$7,890,216. Aug 2009 – Jul 2017.
- Mechanisms Linking Social and Built Environments to Health in the 30s.** Investigator (R01; National Institute on Drug Abuse, grant #R01DA033956, Richard Kosterman, PI). This study investigates the relationships among physical health problems, including increasing rates of obesity, and substance use, depression, and anxiety disorders in the 30s. The study examines the health effects of two broad environmental domains: the social environment — defined by social interactions and developmental experiences; and the built environment — defined by a neighborhood's physical features. The goal of the study is to understand the mechanisms linking social and built environments to interrelated health problems in the 30s, and the contribution of these mechanisms to explaining disparities in health outcomes by gender, ethnicity, and economic status. Total cost: \$2,672,374. Nov 2013 – Dec 2017.
- Linking Parent Drug Use and Child Development across Three Generations. Principal Investigator.** (R01; National Institute on Drug Abuse, grant # DA023089). A follow-up study of "The Intergenerational Influence of Substance Use on Children: Three Generations of the Seattle Social Development Project." (grant # R01-DA012138, Karl G. Hill, PI). This study seeks to advance understanding of the effects of parental and grandparental drug use during adolescence and early adulthood on children's development, behavior, and drug use initiation and will provide specific targets for the design of preventive interventions aimed at breaking cycles of intergenerational transmission of drug use. Total cost: \$2,666,446. Jul 2008-Jun 2014.
- Understanding Alcohol Misuse, Abuse and Dependence in Young Adulthood. Principal Investigator.** (R01; National Institute on Alcohol Abuse and Alcoholism, grant #AA016960). This study seeks to understand the relationship between childhood and adolescent patterns of alcohol use and young adult binge drinking, alcohol abuse and dependence, and the social developmental factors that affect this relationship. Total cost: \$1,111,167. Jan 2009-Dec 2011.
- Summer Research with the NIDA for Underrepresented Students. Principal Investigator.** (R01 Supplements, National Institute on Drug Abuse, grants #3R01DA023089-04S1 (2012) and 3R01DA024411-04S1 (2013)). Awarded supplements in two successive years to mentor Native American and Vietnamese American undergraduate students in developing careers in substance abuse/public health research. Total cost: \$8,672, Jun-Aug, 2012 and \$12,695, Jun-Aug 2013.
- Substance Use and the Consolidation of Adult Roles. Investigator/Project Director.** (R01, National Institute on Drug Abuse, grant #DA09679). Project to examine the predictors of substance use persistence and desistence in the early 30's, the consequences of substance use and mid-life intervention effects, includes data collection at ages 30 (2005) and 33 (2009) of the SSDP panel. Total cost: \$3,878,842. Apr 2004-Mar 2010.

- Educational Attainment And Patterns Of Tobacco Use And Addiction: What Explains The Relationships? Co-Principal Investigator** with Jennifer Stuber. (Washington State Department of Health). A study to examine whether and why people with lower academic attainment are less able to desist from tobacco dependence in adulthood. Total Cost: \$53,209. Oct 2008-Jun2009.
- Advancing Knowledge on Disproportionate Minority Representation in the Juvenile Justice System. Project Director.** (Subcontract through a grant from Office of Juvenile Justice and Delinquency Prevention to the University of Pittsburgh). A collaborative project with three other longitudinal studies to examine patterns and predictors of disproportionate minority representation in the juvenile justice system through secondary analysis of SSDP data. 2004-2005.
- The Intergenerational Influence of Substance Use on Children: Three Generations of the Seattle Social Development Project (SSDP). Principal Investigator.** (National Institute on Drug Abuse, grant #1 R01 DA 12138). A project to examine the impact of substance use through multiple generations, includes four waves of annual data collection and the development of a parent-child home observational assessment. Total Cost: \$2,958,406. 2000-2006.
- Ethnic Differences in Longitudinal Patterns & Consequences of Substance Use. Project Director.** (National Institute on Drug Abuse, grant #2 R01 DA 09679S). A project to examine ethnic/racial disparities in the consequences of substance use through secondary analysis of SSDP data. 2002-2004.
- Early Onset Offending: Development and Consequences. Principal Investigator.** (Office of Juvenile Justice and Delinquency Prevention, grant #1999-JN-FX-0001). A project to understand the nature of the relationship between early antisocial behavior (including very young offending) and the development of criminal careers through secondary analysis of SSDP data. Award amount, \$296,967; 1999-2000.
- Substance Use and Transitions to Adult Roles in the Seattle Social Development Project. Project Director.** (National Institute on Drug Abuse, grant #2 R01 DA 09679). A project to examine substance use in the transition to adulthood, including data collection at age 24 and age 27 of the SSDP panel. 1999-2004.
- Investigating Modifiable Risk Factors for Youth Violence. Investigator.** (National Institute on Mental Health, grant # 1 R24 MH56587). A project to examine the child and adolescent social-developmental factors that affect youth violence; secondary analysis of SSDP data. 1997-2000.
- Early Adulthood Consequences of Adolescent Substance Use. Project Director.** (National Institute on Drug Abuse, grant #1 R01 DA 09679). A project to examine the etiology and consequences of substance use through age 21; includes collection of age 21 data in the SSDP panel 1996-1999.
- Development and Consequences of Alcohol Use and Abuse. Project Director,** (National Institute on Alcohol Abuse and Alcoholism, grant #R21AA010989). A project to examine the social developmental aspects of the course of alcohol use and abuse. 1996-1999.
- The Developmental Dynamics of Gang Membership and Delinquency. Project Director.** (Office of Juvenile Justice and Delinquency Prevention, grant # 95-JD-FX-0017). A project to examine the developmental relationship between crime and gang membership, and the predictors of gang membership through age 18. 1995-1999.
- National Center for the Advancement of Prevention - Methodology Component for needs Assessment & Community-based Surveillance Models. Project Director.** (National Center for the Advancement of Prevention, grant # RFP 277-93-1013). A project to develop prevention planning materials including Population-Specific Needs Assessment: Challenges and Solutions, a handbook of methods for states to use in planning for and providing prevention services with attention to specific population groups. 1995.
- Preventing Youthful Drug Abuse: A Longitudinal Study. Project Director.** (Robert Wood Johnson Foundation, grant # 21548). A project to examine the development of adolescent substance use, and the consequences of the SSDP intervention through age 18. 1994-1995.

PREVIOUS PROFESSIONAL EXPERIENCE

- Coordinator, *Appalachia Summer Leadership Training Program***, Overseas Development Network, Cambridge, MA. Planned and executed ODN's first Appalachia Summer Internship Program (supported by a grant from the Ford Foundation). 1985.
- Staff and Trainer, *AGORA Crisis Center***, University of New Mexico, Albuquerque, NM. Staff member and trainer for crisis intervention and suicide prevention center serving the Albuquerque community. 1982-83.
- Teacher Trainer, *Science Education, Institut Supérieur Pédagogique***, Bukavu, Zaïre. Trained future teachers in science education. Summers 1980-81.

Peace Corps Volunteer, *Science Education, Action/Peace Corps*, Zaïre, Africa. Taught chemistry, biology and related fields at an African high school. Organized and presented village seminars on diverse subjects including basic health, nutrition, family planning, and venereal disease. 1979-81.

Memberships in Professional Associations and Societies

- Society for Prevention Research
- European Society for Prevention Research
- American Society of Criminology
 - Founding Member: ASC Division of Developmental and Life Course Criminology
- Society for Research in Child Development
- Society for Research on Adolescence
- Life History Society
- Society for Social Work Research
- National Peace Corps Association

PUBLICATIONS

Citation Impact (as of 19 January 2024, from Google Scholar):

Total citations: 21860

H-index: 60

i-10 index: 107

Under Review

Mentees underlined (student or recent PhD (< 5 yrs post PhD) at the time of publication)

Kristman-Valente, Allison N., **Hill, Karl G.**, Wells, Elizabeth A., Oesterle, Sabrina, Guttmannova, Katarína, Bailey, Jennifer A., & Hawkins, J. David. (under review). Measuring partner violence victimization across time and by gender: Testing measurement invariance of the conflict tactics scale. *Journal of Interpersonal Violence*.

Michaelson, Laura E., Ebersole, Charlie R., Pampel, Fred C., Steeger, Christine M., Balliet, Jennifer A., & **Hill, Karl G.** (under review). Assessing Attrition Bias Across a Range of Assumptions: A Tutorial and R Script. *Advances in Methods and Practices in Psychological Science*.

In Press or Published

Steeger, Christine M., Combs, Katie M., Buckley, Pamela R., Russell, Ashley B., Lain, Marion A., Drewelow, Karen, Denker, Hannah K., Zaugg, Sophia, **Hill, Karl G.** (2023). Substance use prevention during adolescence: Study protocol for a large-scale cluster randomized trial of Botvin High School LifeSkills Training. *Contemporary Clinical Trials*, 125, 8. doi:10.1016/j.cct.2022.107049

Johnson, Sara B., Voegtline, Kristen M., Ialongo, Nicolas, Hill, Karl G., & Musci, Rashelle J. (2023). Self-control in first grade predicts success in the transition to adulthood. *Development and Psychopathology*, 35(3), 1358-1370. <https://doi.org/10.1017/S0954579421001255>

Buckley, Pamela R., Edwards, Daniel, Ladika, Amanda, Steeger, Christine M., & **Hill, Karl G.** (2022). Implementing Evidence-Based Preventative Interventions Within the Context of COVID-19. *Global Implementation Research and Applications*. 2(4): 266–277.

Buckley, Pamela R., Ebersole, Charlie R., Steeger, Christine M., Michaelson, Laura E., **Hill, Karl G.**, & Gardner, Frances (2022). The Role of Clearinghouses in Promoting Transparent Research: A Methodological Study of Transparency Practices for Preventive Interventions. *Prevention Science*, 23(5), 787-798. doi:10.1007/s1121-021-01252-5

- Steeger, Christine M., Harlow, Alyssa F., Barrington-Trimis, Jessica L., Simon, Patricia, **Hill, Karl G.**, & Leventhal, Adam M. (2022). Longitudinal associations between flavored tobacco use and tobacco product cessation in a national sample of adults. *Preventive Medicine*, *161*, 7. doi:10.1016/j.ypmed.2022.107143
- Steeger, Christine M., Hitchcock, Leah N., Bryan, Angela D., Hutchison, Kent E., **Hill, Karl G.**, & Bidwell, L. Cinnamon. (2021). Associations between self-reported cannabis use frequency, potency, and cannabis/health metrics. *International Journal of Drug Policy*, *97*, 9. doi:10.1016/j.drugpo.2021.103278
- Steeger, Christine M., Buckley, Pamela R., Pampel, Fred C., Gust, Charleen A., & **Hill, Karl G.** (2021). Common Methodological Problems in Randomized Controlled Trials of Preventive Interventions. *Prevention Science, early access*, *14*. doi:10.1007/s11121-021-01263-2
- Buckley, Pamela R., Ebersole, Charlie R., Steeger, Christine M., Michaelson, Laura E., **Hill, Karl G.**, & Gardner, Frances. (2021). The Role of Clearinghouses in Promoting Transparent Research: A Methodological Study of Transparency Practices for Preventive Interventions. *Prevention Science, early access*, *12*. doi:10.1007/s11121-021-012
- Hill, Karl G.**, Bailey, Jennifer A., Steeger, Christine M., Hawkins, J. David, Catalano, Richard F., Kosterman, Rick, Epstein, Marina, & Abbott, Robert D. (2020). Outcomes of Childhood Preventive Intervention Across 2 Generations: A Nonrandomized Controlled Trial. *JAMA Pediatrics*. doi:10.1001/jamapediatrics.2020.1310
- Bailey, Jennifer A., Epstein, Marina, Roscoe, Joseph N., Oesterle, Sabrina, Kosterman, Rick, & **Hill, Karl G.** (2020). Marijuana Legalization and Youth Marijuana, Alcohol, and Cigarette Use and Norms. *American Journal of Preventive Medicine*, *59*(3), 309-316. doi:10.1016/j.amepre.2020.04.008
- Bishop, Asia S., Walker, Sarah C., Herting, Jerald R., & **Hill, Karl G.** (2020). Neighborhoods and health during the transition to adulthood: A scoping review. *Health & Place*, *63*. doi:10.1016/j.healthplace.2020.102336
- Buckley, Pamela R., Fagan, Abigail A., Pampel, Fred C., & **Hill, Karl G.** (2020). Making Evidence-Based Interventions Relevant for Users: A Comparison of Requirements for Dissemination Readiness Across Program Registries. *Evaluation Review*, *44*(1), 51-83. doi:10.1177/0193841x20933776
- Epstein, Marina, Bailey, Jennifer A., Kosterman, Rick, Furlong, Madeline, & **Hill, Karl G.** (2020). Evaluating the effect of retail marijuana legalization on parent marijuana use frequency and norms in U.S. States with retail marijuana legalization. *Addictive behaviors*, *111*, 106564-106564. doi:10.1016/j.addbeh.2020.106564
- Epstein, Marina, Bailey, Jennifer A., Furlong, Madeline, Steeger, Christine M. and **Hill, Karl G.** (2019). "An intergenerational investigation of the associations between parental marijuana use trajectories and child functioning." *Psychology of Addictive Behaviors*. Epub ahead of print.
- Steeger, Christine M., Epstein, Marina, **Hill, Karl G.**, Kristman-Valente, Allison K., Bailey, Jennifer A., Lee, Jungeun O., Kosterman, Rick, & Hawkins, J. David (2019). Time-varying effects of family smoking environment and family management on adolescent daily smoking: The moderating roles of behavioral disinhibition and anxiety. *Drug and Alcohol Dependence*. **204**: 107572-107572.
- Steeger, Christine M., Bailey, Jennifer A., Epstein, Marina, & **Hill, Karl G.** (2019). The link between parental smoking and youth externalizing behaviors: Effects of smoking, psychosocial factors, and family characteristics. *Psychology of Addictive Behaviors*. Epub ahead of print.
- Kosterman, Rick, Hawkins, J. David, **Hill, Karl G.**, Bailey, Jennifer A., Catalano, Richard R. and Abbott, Rober D. (2019). "Effects of Social Development Intervention in Childhood on Adult Life at Ages 30 to 39." *Prevention Science* **20**(7): 986-995.
- Kingston, Beverly, Mattson, Sabrina A., Dymnicki, Allison, Spier, Elizabeth, Fitzgerald, Monica, Shipman, Kimberly, **Hill, Karl G.**, Elliott, Delbert (2018). Building Schools' Readiness to Implement a Comprehensive Approach to School Safety. *Clinical child and family psychology review*. doi:10.1007/s10567-018-0264-7
- Jones, Tiffany M., Epstein, Marina, **Hill, Karl G.**, Bailey, Jennifer A., Kristman-Valente, Allison N., & Hawkins, J. David. (2018). General and specific predictors of comorbid substance use and mental health problems from adolescence to age 33. *Prevention Science*. doi:10.1007/s11121-018-0959-5

- Gavin, Amelia R., Jones, Tiffany M., Kosterman, Rick, Lee, Jungeun Olivia, Cambron, Christopher, Epstein, Marina, **Hill, Karl G.**, & Hawkins, J. David. (2018). Racial Differences in Mechanisms Linking Childhood Socioeconomic Status With Growth in Adult Body Mass Index: The Role of Adolescent Risk and Educational Attainment. *Journal of Adolescent Health, 63*(4), 474-481. doi:10.1016/j.jadohealth.2018.05.015
- Epstein, M., Furlong, M., Kosterman, R., Bailey, J. A., King, K. M., Vasilenko, S. A., Steeger, C. M., & **Hill, K. G.** (2018). Adolescent age of sexual initiation and subsequent adult health outcomes. *American Journal of Public Health, 108*, 822-828.
- Epstein, M., Bailey, J. A., Steeger, C. M., **Hill, K. G.**, & Skinner, M. L. (2018). Predictors of adult marijuana use among parents and nonparents. *Prevention Science, 19*(2), 109-116.
- Bailey, Jennifer A., Epstein, Marina, Steeger, Christine M., & **Hill, Karl G.** (2017). Concurrent and prospective associations between substance-specific parenting practices and child cigarette, alcohol, and marijuana use. *Journal of Adolescent Health*. , Advance online publication. doi: 10.1016/j.jadohealth.2017.1011.1290.
- Cambron, Christopher, Kosterman, Rick, Catalano, Richard F, Guttmanova, Katarina, Herrenkohl, Todd I, **Hill, Karl G.**, & Hawkins, J David. (2017). The role of self-regulation in academic and behavioral paths to a high school diploma. *Journal of Developmental and Life-Course Criminology, 3*, 304-325.
- Lee, Jungeun Olivia, Jones, Tiffany M., Kosterman, Rick, Rhew, Isaac C., Lovasi, Gina S., **Hill, Karl G.**, Catalano, Richard F., & Hawkins, J. David. (2017). The association of unemployment from age 21 to 33 with substance use disorder symptoms at age 39: The role of childhood neighborhood characteristics. *Drug and Alcohol Dependence, 174*, 1-8. doi: 10.1016/j.drugalcdep.2017.01.005
- Kristman-Valente, Allison N., **Hill, Karl G.**, Epstein, Marina, Kosterman, Rick, Bailey, Jennifer A., Steeger, Christine M., Jones, Tiffany M., Abbott, Robert D., Johnson, Renee M., Walker, Denise, & Hawkins, J. David. (2017). The relationship between marijuana and conventional cigarette smoking behavior from early adolescence to adulthood. *Prevention Science, 18*, 428-438. doi: 10.1007/s11121-017-0774-4
- Kim, Min Jung, Mason, W. Alex, Herrenkohl, Todd I., Catalano, Richard F., Toumbourou, John W., & Hemphill, Sheryl A. (2017). Influence of early onset of alcohol use on the development of adolescent alcohol problems: A longitudinal bi-national study. *Prevention Science, 18*, 1-11. doi: 10.1007/s11121-016-0710-z
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- Hill, Karl G.** (1991). *An ecological approach to creativity: Trait and environment influences in the college classroom*. (PhD), Brandeis University, Waltham MA.

SELECTED PRESENTATIONS

- Hill, Karl G.** (2023). The Roles of Prevention Registries in Building a Prevention Infrastructure. *European Society for Prevention Research*, Sarajevo, Bosnia-Herzegovina, 5 October 2023.
- Hill, Karl G.** (2023). Invited Keynote address: Fundamentals of School-Based Prevention: What we've learned in the past 30 years. *Mental Health Professional Development Conference*, Reno, Nevada, 8-10 August 2023.
- Hill, Karl G.** (2023). Implementation Strategies, Scale-up, and Sustainment of Evidence-Based Interventions: Examples Using an Interactive Systems Framework. Society for Prevention Research, Washington, DC, May-June 2023.
- Hill, Karl G.** (2023). Invited Keynote: Community-Based Prevention, *RM HIDTA Youth Substance Use Prevention Institute*, Denver, Colorado, 17-18 May 2023.
- Hill, Karl G.** (2023). *Creating Sustained Change Within Individuals and Across Communities*. National Rx and Illicit Drugs Summit. Atlanta, GA, April 2023.
- Hill, Karl G.** (2023) *An Example of an Evidence-Based Registry: Blueprints for Healthy Youth Development*. Community Anti-Drug Coalitions of America (CADCA) Annual Leadership Forum, National Harbor, Maryland, January 2023.
- Hill, Karl G.** (2022) *General importance and high-level overview of registries & research findings on their use*. Helping to End Addiction Long-term (HEAL) Initiative, Live Moderated Discussion, 6 December 2022.
- Hill, Karl G.** (2022) *Selecting and Implementing Upstream Interventions within a System of Prevention*, High Intensity Drug Trafficking Area (HIDTA) Summit, October 2022.
- Hill, Karl G.** (2022) *Community-Based Prevention to Reduce Substance Use and Improve Educational Outcomes*. White House Office of National Drug Control Policy and Substance Abuse and Mental Health Services Administration invited Webinar, October 2022.
- Hill, Karl G.** (2022) *Rethinking Substance Use Prevention: An Earlier and Broader Approach*. Convening of Experts to Enhance Partnership to End Addiction's Early Prevention Agenda, New York City, 26 October 2022.
- Hill, Karl G.** (2022) *Where next for registries of evidence-based interventions?* European Society for Prevention Research, Tallinn, Estonia, September 2022.
- Hill, Karl G.** (2022) *Foundations, Challenges and Possibilities in Prevention Science*. Invited Colloquium, Colorado State University, Department of Human Development and Family Studies, September 2022.
- Hill, Karl G.** (2022) *Selecting and Implementing Interventions that Make Sense for Your Community*. Community Anti-Drug Coalitions of America (CADCA) Midyear Training Institute, Orlando Florida July 2022.
- Hill, Karl G.** (2022) *Effects of Childhood Preventive Intervention Across Two Generations*. Community Anti-Drug Coalitions of America (CADCA) Midyear Training Institute, Orlando Florida July 2022.
- Hill, Karl G.** (2022) *Common Flaws in Designing and Analyzing Preventive Interventions and How to Avoid Them*. Society for Prevention Research, Seattle, June 2022
- Hill, Karl G.** (2022) *Effects of Childhood Preventive Intervention Across Two Generations*. Rx Drug Abuse and Heroin Annual Summit, Atlanta Georgia, April 2022.
- Hill, Karl G.** (2021) *Community-Based Prevention. Invited Webinar*. University of Southern California, Keck School of Medicine. 23 November, 2021.
- Hill, Karl G.** (2020) *Why Use Evidence and Where to Find It: Blueprints for Healthy Youth Development*. Invited Webinar. Northwest Prevention Technology Transfer Center Network, Webinar May 2020.
- Hill, Karl G.** (2019). *Challenges and Solutions in Translating Evidence-Based Research into Practice*. Invited talk, European Union Society for Prevention Research, Ghent, Belgium, October 2019
- Hill, Karl G.** (2019). *Effective interventions for delinquency : Why don't we use them?* Keynote invited talk. Trygg och säker, Annual Conference on Violence Prevention, Malmö, Sweden, August 2019.
- Hill, Karl G.** (2018). *The Current State and Challenges of Prevention Registries*. Invited talk, European Union Workshop on Health Promotion Best Practice Portals, Cologne Germany, June 2019
- Hill, Karl G.** (2018). *The Future of Blueprints and Other Prevention Registries*. Invited talk, European Union Society for Prevention Research, Lisbon, Portugal, October 2018
- Hill, Karl G.** (2018). *Integrating Genetics into Prevention Research — Gene-Environment Interplay in Development of Addiction*. Invited talk, University of Miami, School of Medicine, April 2018, Miami, FL.

- Hill, Karl G.** (2017). *Integrating Genetics into Prevention Research: A Proposed Reconceptualization of Gene-Environment Interplay*. Paper presented at the Society for Prevention Research Annual Meeting, June 2017, Washington DC.
- Hill, Karl G.,** Bailey, Jennifer A., Kosterman, Rick, Hawkins, J. David, Catalano, Richard F., Epstein, Marina, Steeger, Christine, Kristman-Valente, Allison, Abbott, Robert D. (2017) *Social Development Intervention in Childhood and Functioning in the Next Generation*. Paper presented at the Society for Prevention Research Annual Meeting, June 2017, Washington DC.
- Hill, Karl G.,** Bailey, Jennifer A., Hawkins, J. David and Catalano, Richard F. (2016). *An Intergenerational Perspective On Crime and Related Behavior: Results From the Seattle Social Development Project*. Invited talk presented at the Netherlands Institute for the Study of Crime and Law Enforcement, June 2016, Amsterdam, Netherlands.
- Hill, Karl G.,** Jones, Tiffany, Kosterman, Rick & Hawkins, J. David (2016). *Addressing Suicide Prevention Through Universal Childhood Intervention: Results From The Seattle Social Development Project Intervention*. Paper presented at the Society for Prevention Research Annual Meeting, June 2016, Washington DC.
- Hill, Karl G.** (2015). *Genomic Science Meets Prevention Science*. Invited talk, Washington State Division of Behavioral Health and Recovery, Prevention Subcommittee, June 2015, Seattle, WA.
- Hill, Karl G.** (2014). *General and Specific Mechanisms in Persistence and Desistance of Drug Misuse and Comorbid Problems From Adolescence to Age 33*. Paper presented at the American Psychiatric Association Annual Meeting, May 2014, Washington, DC.
- Hill, Karl G.** (2013). *Mapping the Social Environment - Seeking Optimal Strategies to Assess Environmental Predictors of Substance Use and Related Outcomes*. Paper presented at the annual meeting of the Society for Prevention Research, San Francisco, CA, May 2013.
- Hill, Karl G.** (2012). *Environmental Predictors of Substance Use and Addiction: Current Knowledge & Challenges*. Invited paper presented at the NIAAA Meeting on Personalized/Etiology-Based Prevention, April 2012, Rockville, MD
- Hill, Karl G.** (2012). *Integrating Genetic Data into Longitudinal Studies: Challenges and Strategies in Building a Program of Research*. Paper presented at the annual meeting of the Life History Research Society Meeting, Richmond-Upon-Thames, Surrey, UK.
- Hill, Karl G.** (2011). *Gene-Environment Interplay in the Development of Drug Abuse, HIV Sexual Risk Behavior and Comorbid Problems*. Invited paper presented at a NIDA meeting on Prevention and Genetics, Oct 2011, Baltimore, MD
- Hill, Karl G.,** Gilman, A.B., Hawkins, J.D. (2011). *The Consequences of Adolescent Gang Membership on Functioning in the Next Generation*. Paper presented at the annual meeting of the Society for Social Work Research, Tampa, FL, January, 2011.
- Hill, Karl G.,** Woodward, D.G., Green, S. (2010). *Planning For Longitudinal Follow-Up: What Can We Learn From Longitudinal Studies?* Invited paper presented at the Centers for Disease Control DVP Expert Panel meeting: Impact of Prevention in Preventing Trajectories of Violence and Related Outcomes, October 26-27, 2010
- Hill, Karl G.,** Hawkins, J.D., Stuber, J. (2009). *Smoking and Educational Attainment: What Explains the Relationship?* Paper presented at the annual meeting of the Society for Prevention Research, Washington, DC, May 2009.
- Hill, Karl G.,** Bailey, J., Hawkins, J.D., Catalano, R.F., Kosterman, R., Oesterle, S., Abbott, R. (2009). *Reducing the Onset of STIs in Adolescence and Adulthood through Preventative Intervention in the Elementary Grades*. Paper presented at the Department of HIV/Aids Epidemiology, Public Health – Seattle, King County, April 2009.
- Hill, Karl G.,** Bailey, J.A., Hawkins, J.D., Catalano R.F. (2008). *Effects and Mediators of the Seattle Social Development Project Intervention on the Onset of STI Diagnosis through Age 30*. Paper presented at the annual meeting of the Society for Prevention Research, San Francisco, CA, May 2008.
- Hill, Karl G.,** Bailey, J.A., Oesterle, S., Hawkins, J.D. (2007). *Mitigating and Exacerbating the Impact of Parental Substance Use on their Child's Development*. Paper presented at the annual meeting of the American Society of Criminology, Atlanta, GA, November, 2007.

- Hill, Karl G., Hawkins, J.D., Catalano, R.F. (2007). *Effects of Seattle Social Development Project Intervention on Sexual Behaviors*. Paper presented at the annual meeting of the American Psychological Association, San Francisco, CA, August 2007.
- Hill, Karl G., Bailey, J.A., Hawkins, J.D., Oesterle, S. (2007). *Person-Environment Interaction in the Development of Alcohol Dependence & Depression*. Paper presented at the annual meeting of the Society for Prevention Research, Washington, DC, May 2007.
- Hill, Karl G., Hawkins, J.D., Bailey, J.A. (2006), *Integrating Genetic and Social Environmental Considerations in The Development of Substance Use, Abuse And Dependence*. Paper presented at the biannual meeting of the NIDA Genetics Consortium, Rockville, MD June 2006.
- Hill, Karl G., (2006). *Drugs and Violence as Kids Grow Up: What We Are Learning From Longitudinal Studies*. Presented findings at the annual Youth Violence Prevention Conference, St. Louis, Missouri, April 2006.
- Hill, Karl G., Bailey, JA, Oesterle, S, Tabares, A & Hawkins, JD. (2005). *Using Observed Parent-Child Interactions to Understand the Effects of Parent Substance Use on Child Development*. Paper presented at the Annual Meeting of the Society Life History Research in Psychopathology, Portland, OR, September 2005.
- Hill, Karl G., Bailey, JA, Hawkins, JD, McMahon, R & Oesterle, S. (2005). *(How) Does Parent Substance Use Affect Observed Parenting Practices and Behavior Problems in Young Children?* Paper presented at the Annual Meeting of the Society for Prevention Research, Washington, DC, May 2005.
- Hill, Karl G. (2005). *Multi-Generational Problem Behavior: Continuities, Discontinuities and Malleable Social Influences*. Paper presented at the NIDA Multiple Problem Youth Meeting, Washington, DC, January, 2005.
- Hill, Karl G. & Fagan, A. (2004). *What to Do About Gangs Today: Predicting and Preventing Gang Membership & Delinquency*. Presented findings at the National Crime Prevention Council Annual meeting, Seattle, October 2004.
- Hill, Karl G., Bailey, J.A., Oesterle, S., Hawkins, J.D., Gilchrist, L. (2004) *Parenting Practices as Mediators of Intergenerational Transmission of Substance Use and Problem Behavior*. Paper presented at the Annual Meeting of the Society for Prevention Research Quebec City, Canada, May 2004.
- Hill, Karl G., Bailey, J.A., Tabares, A., Hawkins, J.D. (2004). *The Intergenerational Transmission of Substance Use: Linking Substance Use and Problem Behavior across Three Generations*. Paper presented at the Biennial Meeting of the Society for Research on Adolescence, Baltimore, MD, March 2004.
- Hill, Karl G., Etchison, K., Hawkins, J.D., Catalano, R.F. (2003). *Ethnic Differences in The Criminal Consequences of Adolescent Substance Use*. Paper presented at the annual meeting of the American Society of Criminology, Denver, CO, November 2003.
- Hill, Karl G. & Hawkins, J.D. (2003) *The Case for Examining the Impact of Early Intervention on Later Drug and Sexual Health Risk Behaviors*. Paper presented at the NIDA Meeting on Linking Drug Abuse and HIV Prevention in Youth, Washington DC, April 2003.
- Hill, Karl G. (2003). *Applications of Growth-Mixture Modeling in Violence Research*. Center for Statistics & the Social Sciences Seminar, University of WA, School of Social Work, Seattle, WA, January 2003.
- Hill, Karl G. & Kandel, J. (2003). *Predicting and Preventing Gang Membership & Delinquency*. Symposium presented at the Boys & Girls Clubs of America, Ninth Annual Symposium on Youth Gangs and Delinquency, Atlanta, GA, March 2003.
- Hill, Karl G. & Henry, D. (2003). *Early Onset Delinquency: Development, Intervention and Prevention*. Symposium presented at the Boys & Girls Clubs of America, Ninth Annual Symposium on Youth Gangs and Delinquency, Atlanta, GA, March 2003.
- Hill, Karl G. (2003). *Predicting and Preventing Gang Membership & Delinquency*, Invited presentation at the Boys and Girls Club of America National Youth Gang Symposium, Chicago, IL, 2003.
- Hill, Karl G., Kosterman, R., Herrenkohl, T.I., Farrington, D. (2002). *Negotiating the Transition from Adolescence to Adulthood: Results from the Seattle Social Development Group through age 24*. Presented on a presidential panel at the Annual Meeting of the American Society of Criminology, Chicago, IL, November 2002.
- Hill, Karl G., Tabares, A., Herrenkohl, T.I., Abbott, R.D., Catalano, R.F., Hawkins, J.D. (2002). *The Role of School Bonding in Overcoming Early Family Adversity*. Paper presented at the Society for Life History Research, New York, NY, September 2002.
- Hill, Karl G. (2002). *The Impact of Gang Membership on Adolescent Violence Trajectories*. Presented findings at the International Society for Research on Aggression, Montreal, Canada, July 2002.

- Hill, Karl G. & Howell, J.C. (2002). *Risk Factors for Gang Membership and Effective Programs*. Invited presentation at the Boys and Girls Club of America National Youth Gang Symposium, Orlando, FL, June 2002.
- Hill, Karl G., Hawkins, J.D., Chung, I-J, Abbott, R.D., Newcomb, M .(2001). *Intergenerational Transmission of Problem Behavior: Effects of Parents' Prior Adolescent Substance Use On Later Behavior Problems In The Children*. Paper presented at the Annual Meeting of the American Society of Criminology, Atlanta, GA, November 2001.
- Hill, Karl G., Hawkins, J.D., Chung, I-J, Catalano, R.F. (2001). *Family Management, School Bonding & Adolescent Violent Offending: Developmental Trajectories as Predictors and Outcomes*. Paper presented at the Annual Meeting of the Society for Life History Research, St. Michael's, MD, May 2001.
- Hill, Karl G., Chung, I-J, Herrenkohl, T.I., Hawkins, J.D. (2000). *Consequences of Trajectories of Violent and Non-Violent Offending*. Paper presented at the Annual Meeting of the American Society of Criminology, San Francisco, CA, November 2000.
- Hill, Karl G. (2000). *Development and Consequences of Gang Membership: Results from the Seattle Social Development Project*. Invited presentation at the Gang Resistance Education and Training Enhancement Committee Meeting, Washington, DC, April 2000.
- Hill, Karl G., Chung, I-J, Herrenkohl, TI, Hawkins, JD, Guo, J, Catalano, RF (1999). *Adolescent Predictors of Violent Offending Trajectories*. Paper presented at the Annual Meeting of the American Society of Criminology, Toronto, Canada, November 1999.
- Hill, Karl G. (1999). *What Are the Causes and Consequences of Gang Membership?* Invited presentation at the Boys and Girls Clubs of America National Youth Gang Symposium, Los Angeles, CA, May 1999.
- Hill, Karl G. (1998). *The Consequences of Adolescent Substance Use on the Transition to Adulthood*. Paper presented at the Annual Meeting of the American Society of Criminology, Washington, DC, Nov. 1998.
- Hill, Karl G. (1997). *Why Do Youths Join, and Stay in Gangs? Childhood Risk Factors for Adolescent Gang Membership*. Presentation representing Office of Juvenile Justice and Delinquency Prevention at the Joint National Conference on Gangs, School and Community. Orlando, Florida, Sept 1997.
- Hawkins, J.D., Hill, Karl G. (1997). *The Dynamics of Gang Membership & Delinquency: Findings from the first year of the Seattle Gang Study*. Testimony before the Seattle City Council. Seattle, WA, April, 1997.
- Hill, Karl G. (1997). *The Dynamics of Gang Membership and Delinquency: Findings from the First Year of The Seattle Gang Study*. Presentation to the Office of Juvenile Justice and Delinquency Prevention bureau offices. Washington, DC, February 1997.

TEACHING ACTIVITY

Professor, Psychology and Neuroscience, since 2018

| Course | Class size | |
|--|------------|---|
| PSYC 4541-002 Disorder Prevention Across the Lifecourse | 30 | This was the first time teaching this course, and it consisted of a group of advanced undergraduates interested in preventing problems before they onset. The goal of the seminar was to introduce students to the use of science in the prevention of developmental problems and the promotion of positive outcomes, in short the field of <i>Prevention Science</i> . |
| 2019 | | Course rating (out of 6): Instructor 5.83; Course 5.57. |
| PSYC-SOCY 5541-7171- 801,803 Human Lifespan Development | 8 | This consists of a cross-disciplinary group of graduate students interested in lifespan development. The goal of the seminar is to provide a foundation in major theories of human life-course development through engagement with primary materials, and to discuss critiques, amendments, and contemporary issues. This course examines the foundational and contemporary theories of human development across the lifespan, and considers critiques, applications and |

| | | |
|---|----|--|
| 2020 | | methodological approaches and challenges. Variations in development as a function of gender, cohort (e.g., GenX, GenY/Millennials, Babyboomers), culture, ethnicity, and social class will be explored. An interdisciplinary, integrative perspective will be encouraged by considering the interplay of physical, psychological, and social aspects of lifespan development. |
| COVID year, insufficient student responses to tabulate ratings | | |
| PSYC 4541-002 | 30 | This was the second time teaching this course, and it consisted of a group of advanced undergraduates interested in preventing problems before they onset. |
| Disorder | | The goal of the seminar was to introduce students to the use of science in the prevention of developmental problems and the promotion of positive outcomes, in short the field of <i>Prevention Science</i> . The full semester was on zoom, but despite that things seemed to go well. |
| Prevention | | |
| Across the | | |
| Lifecourse | | |
| 2021 | | Course rating (out of 6): Instructor 5.89; Course 5.78. |
| PSYC-SOCY | 10 | This consists of a cross-disciplinary group of graduate students interested in lifespan development. The goal of the seminar is to provide a foundation in major theories of human life-course development through engagement with primary materials, and to discuss critiques, amendments, and contemporary issues. |
| 5541-7171- | | This course examines the foundational and contemporary theories of human development across the lifespan, and considers critiques, applications and methodological approaches and challenges. Variations in development as a function of gender, cohort (e.g., GenX, GenY/Millennials, Babyboomers), culture, ethnicity, and social class will be explored. An interdisciplinary, integrative perspective will be encouraged by considering the interplay of physical, psychological, and social aspects of lifespan development |
| 801,803 | | |
| Human | | |
| Lifespan | | |
| Development | | |
| 2022 | | Course Rating out of 6: Instructor 5.67; Course 5.56 |
| PSYC 4541-004 | 41 | This was the third time teaching this course, and it consisted of a group of advanced undergraduates interested in preventing problems before they onset. |
| Prevention | | The goal of the seminar was to introduce students to the use of science in the prevention of developmental problems and the promotion of positive outcomes, in short the field of <i>Prevention Science</i> . It was nice to be back in person. I thought the course went well. Ratings of 6.0 would be nice but above 5 seems OK. |
| Science | | |
| 2023 | | Course Rating out of 6: Instructor 5.7; Course 5.34 |

Research Professor, School of Social Work, University of Washington, 2016-2017

Research Associate Professor: School of Social Work, University of Washington, 2003-2016

Although teaching was not part of my charge as a research faculty member at the University of Washington, I enjoy teaching a lot, and missed doing so. Thus, in 2003 I started teaching the incoming doctoral students *Advanced Quantitative Research Methods and Design* (SOCWL580). It was taught each winter quarter and included the full first year cohort for whom it is a required course, and typically 1-3 outside doctoral students from Nursing, Public Health, Education, etc., who took it as an elective. I enjoyed teaching the course quite a lot. It was a nice opportunity to meet the incoming cohort and think with them about how they might address their substantive questions using quant methods. It was rewarding to teach since often, many years later, I would see them defending their dissertations addressing just those ideas we were puzzling over in my office in year 1!

| Courses Taught | Times Taught | Class Size | Comments |
|--|--------------|------------|---|
| Social Welfare 580: Advanced Quantitative Research Methods and Design | 14 | 7-10 | I have taught the required quantitative research methods course to first year graduate students in the Social Work Doctoral Program annually since 2003. This course seeks to enable students to design a quantitative or mixed methods study in their substantive area of interest. Goals of the course are to (1) understand the phases of the research process; (2) be able to apply ethical principles of research; (3) use the logic, terminology, and methods of standard social science approaches to experimental, quasi-experimental, survey and applied evaluation research; (4) understand issues involved in instrument development; (5) understand approaches to sampling; (6) to be familiar with common data collection procedures; (7) be able to describe the logic of data analysis and how to draw conclusions about the effectiveness of an intervention; and (8) have practiced writing a fundable research proposal. |
| Guest Lectures | 2-3 per year | | In addition, I gave 2-3 guest lectures around the UW campus each year on a range of invited topics including: Integrating Genetics into Prevention Research; The Embodiment of Risk; Addiction, Intergenerational Research; Transdisciplinary Research; Longitudinal Study Design; Crime and Delinquency; Gang Membership; etc. Campus audiences include: The School of Public Health; The School of Medicine; Nursing; Social Work; Sociology; Psychology. |

Course Evaluations at UW

Below, as requested are the scores on the first 4 items for course evaluations for SOCWL580 (Quantitative Research Methods) for the last 10 years.

1. The course as a whole was:
2. The course content was:
3. The instructor's contribution to the course was:
4. The instructor's effectiveness in teaching the subject matter was:

| |
|---------------|
| 0 = very poor |
| 1 = poor |
| 2 = fair |
| 3 = good |
| 4 = very good |
| 5 = excellent |

| Year | Number of Students | Adjusted Mean Scores of first 4 items & Combined Scale of 0-5 where 5 is excellent | | | | |
|------|--------------------|--|---------|-------------------------|--------------------------|----------|
| | | course as a whole | content | instructor contribution | instructor effectiveness | Combined |
| 2007 | 8 | 4.0 | 4.1 | 4.1 | 3.9 | 4.0 |
| 2008 | 6 | 4.1 | 4.4 | 4.7 | 4.6 | 4.5 |
| 2009 | 8 | 3.9 | 3.7 | 4.2 | 4.1 | 4.0 |
| 2010 | 7 | 4.5 | 4.4 | 4.8 | 4.8 | 4.7 |
| 2011 | 7 | 3.9 | 3.7 | 4.1 | 4.2 | 4.0 |
| 2012 | 8 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 |
| 2013 | 7 | 4.6 | 4.7 | 4.9 | 4.8 | 4.8 |
| 2014 | 9 | 4.2 | 4.2 | 4.7 | 4.1 | 4.3 |
| 2015 | 6 | 4.2 | 4.2 | 4.9 | 4.7 | 4.6 |

| | | | | | | |
|---------|---|-----|-----|-----|-----|-----|
| 2016 | 5 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| 2017 | 6 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Average | 7 | 4.4 | 4.4 | 4.6 | 4.5 | 4.5 |

Student Supervising and Mentoring Experience at CU Boulder and the University of Washington

Dissertation/Masters Committee Chair or Member

Trent Davidson, CU Boulder Sociology, Masters, in progress, Member

Subjective Well-Being/Health Association in Through a Gene-Environment Interaction Model

Holly Wakeman, CU Boulder Psychology, PhD, 2021, Member

Adherence to recommendations, barriers to implementation, and functional outcomes for children and adolescents following psychoeducational assessment

Asia Bishop, UW School of Social Work, PhD, 2020, Member

Neighborhoods and health during the transition to adulthood

Christopher Fleming, UW School of Social Work, PhD, 2019, Member

Assessing the Impact of Community-Based Universal Prevention on Adolescent Gang Association: An Examination of the Effects of Communities That Care

Lacey Hartigan, UW School of Education, PhD, 2017, Member

General Education Development (GED) Recipients' Life Course Experiences: Humanizing the Findings

Amanda B. Gilman, UW School of Social Work, PhD, 2014, Chair.

Incarceration and the life course: Predictors, correlates, and consequences of juvenile incarceration

Elizabeth (Bo-Kyung) Kim, UW School of Social Work, PhD, 2014, Member.

Examining protective factors: Applying strengths perspective to science-based community practice for the prevention of youth problem behaviors

Allison Kristman-Valente, UW School of Social Work, PhD, 2014, Member.

Smoking behavior and interpersonal violence across the life course: Exploring the role of gender across time

Gillian Marshall, UW School of Social Work, PhD, 2012, Member

Racial and Ethnic Differences in Depression among Older Black Americans

Jung-Eun Lee, UW School of Social Work, PhD, 2009, Member

Not destined for poverty: the role of educational aspirations and expectations in intergenerational processes of poverty.

Helga Sif Fridjonsdottir, UW School of Nursing, PhD, 2007, Member

Exploring Factors that Influence Adolescent Alcohol Abuse in Iceland.

Dana Rhule-Louie, UW Psychology, PhD, 2007, Member

Associations between Problem Behavior and Romantic Relationships in Young Adults: Assortative Mating, Behavior Contagion, and Desistance.

Angela J. Stewart, UW Psychology, PhD, 2005, Member

Adolescent sexual risk-taking, pregnancy, and sexually transmitted diseases: A longitudinal analysis of risk and protective parenting factors.

Research Mentor

Kiara Rodriguez, CU Boulder Psychology, Undergraduate Research UREDI (2021-present)

Sophia Zaugg, CU Boulder Psychology, Undergraduate Research Appointment (2021-present)

Franky Borges, CU Boulder Psychology, Undergraduate Research UREDI (2020-2021)

Hannah Denker, CU Boulder School of Education, Graduate Research Assistantship (2020-present)

Charlene Gust, CU Boulder Psychology, Graduate Research Assistantship on Blueprints (2017-present)

Trent Davidson, CU Boulder Sociology, Graduate Summer Research Assistantship (2020)

Jennifer Balliet, CU Boulder Sociology, Graduate Research Assistantship on Blueprints (2017-present)
 Asia Bishop, UW School of Social Work, Practicum and Research Assistantship (2016)
 Tiffany Jones, UW School of Social Work, Graduate Research Assistantship (2014-present)
 Elizabeth Kim, UW School of Social Work, Graduate Research Assistantship (Fall, 2011)
 Kari Gloppen, UW School of Social Work, Graduate Research Assistantship (Winter, 2011)
 Amanda Gilman, UW School of Social Work, NIMH Prevention Fellowship Practicum (2010-2011), *The predictors and consequences of gang membership.*
 Allison Kristman-Valente, Research Practicum (Fall 2010) *Gender differences in the consequences of parental substance use on parenting and child development.*
 Lacey Hartigan, Educational Leadership & Policy Studies, Graduate Research Assistantship (2009 - 2011)
 Jessica Rodriguez-Jenkins, UW School of Social Work, 2nd Year PhD Research Practicum (2010-2011), *The consequences of parental substance use on child attachment.*
 Erin Casey, UW School of Social Work, 2nd Year PhD Research Practicum (2003-2004), *Mediators of early abuse and adult intimate partner violence.*
 Bart Klika, UW School of Social Work, 2nd Year PhD Research Practicum (2009-2010), *The consequences of child maltreatment and neglect on adult functioning.*
 Valerie Shapiro, UW School of Social Work, 2nd Year PhD Research Practicum (2008-2009), *Individual difference characteristics that moderate the impact of intervention efficacy.*
 Jung-Eun Lee, UW School of Social Work, 2nd Year PhD Research Practicum (2004-2005), *A preliminary study for understanding intergenerational processes of poverty.*
 Jung-Eun Lee, UW School of Social Work, Independent Study, (2005), *Conceptual understanding of missingness.*
 Shauna Carlisle, UW School of Social Work, 2nd Year PhD Research Practicum (2004-2005), *The effects of immigration and ethnicity on development.*

Summer Research with NIDA for Underrepresented Students

Each summer for a number of years (2012-2017, with NIDA support) we have mentored underrepresented undergraduate students in prevention / addiction research.

Assistant Professor: Wellesley College (1990 -1994)

Lecturer Position: Wellesley College (1988 -1989, 1989 -1990)

Summary of Courses Taught at Wellesley:

| Courses Taught | Times Taught | Class Size | Comments |
|---------------------------|--------------|------------|--|
| Introductory Psychology | 12 | 30 | Primary Readings; Experiments; Group Work |
| Statistics | 4 | 35 | Fundamentals of Statistics; SPSS Training; Dataset Analysis Project |
| Developmental Psychology | 2 | 35 | Lifespan Orientation; Primary Readings; Child Observations; Group Projects |
| Social Psychology | 2 | 35 | Primary Readings; Group Projects |
| Research Methods | 2 | 12 | Methods In Personality; Group-Research Based Projects |
| Supervising Research | 4 | 11 | 1 Thesis Student; 2 Independent Study Students; 8 In a Group Project: <i>Devising a Multicultural Curriculum for Psychology.</i> |
| Organizational Psychology | 1 | 35 | Primary Readings; In-Class Experiential Learning; Case Studies; Group Projects |

| Courses Taught | Times Taught | Class Size | Comments |
|------------------------------|---------------------|-------------------|--|
| History of Psychology | 1 | 12 | Seminar Title: Psychoanalysis In Context(s): From Freud To Lacan. |
| Writing | 2 | 15 | Freshman Writing Seminar, Title: Dreams In Literature and Film. |

COMMUNITY SERVICE AND CONSULTING

Service to the University of Colorado Boulder (2017-present)

- Chair, Faculty Search Committee, Institute for Behavioral Science, 2022-2023
- Member, Institute for Behavioral Science, Director Search Committee, 2021
- Member, School of Education, Dean's Level Tenure Review Committee, 2020
- Member, Department of Sociology ARPAC Review, 2020
- Member, IBS Population Program Interim Director Search, 2020
- Member, School of Education Tenure Review Committee, 2020
- Member, Colorado Office of Behavioral Health, State Strategic Planning Committee for Drug Prevention, 2019
- Member, *Health and Wellness Across the Lifespan* Workgroup, CU Boulder 2019
- Member, Institute of Behavioral Science, Board of Directors, 2017-present

Service to the School of Social Work at the University of Washington

- **Faculty Council**, 2016-2017
- **PhD Program Steering Committee**, 2003-2012, Chair 2011-2012, 2014-2015
- **MSW Admissions Committee**, 2012-2014

Service to the Society for Prevention Research

- **Board of Directors, Member**, 2012-2015
- **Training Committee**, 2012-2019 (Chair 2014)
- **SPR's Early Career Prevention Network**, Recipient of the *Friend of ECPN Mentorship Award*, 2015

Service to the Profession and Community

- **Member and Advisor, White House Office of National Drug Control Policy (ONDCP)**. Helping revise and update the nation's current drug policies to include a greater prevention focus. This is a small workgroup of about 8 people I've been working with for the last 18 months.
- **Colorado Prevention Collaborative**. Member, 2021-present. A Colorado substance use disorders prevention collaborative with institutions of higher education, nonprofit agencies, and state agencies, for the purpose of gathering feedback from local public health agencies, institutions of higher education, nonprofit agencies, and state agencies concerning evidence-based prevention practices.
- **Evidence-Based Prevention Practice Workgroup**. Charge: To develop a statewide strategic plan for the primary prevention of substance abuse for the State of Colorado, Member, 2018-present.
- **Content Area Expert Group for the National Institutes of Health (NIH) Pathways to Prevention Workshop: Strategies to Improve Suicide Prevention Research**, Member, (2015)
- **CSR Grant Reviewer: Standing Member**
PDRP Study Section: Psychosocial Development, Risk and Prevention, (2011-2015)

- **PhenX Substance Abuse and Addiction Working Group, Member (2012)**
Helped establish a set of recommended measures of social environmental risk and protection for the PhenX Toolkit (<https://www.phenxtoolkit.org>)
- **City Year Seattle/King County, Seattle WA, Consultant (2010)**
- **Office of Crime Victims Advocacy, Olympia WA, Grant reviewer (1997-2001)**
- **Boys and Girls Clubs of America, Consultant (1998-2002)**
- **Gang Resistance, Education and Training, Curriculum Revision Committee. Bureau of Alcohol, Tobacco and Firearms, Consultant, (2000).**

Journal Editorial and Review Activity

Presently editor of a special section of the journal Prevention Science: *Toward a Lifespan Prevention Science: A Focus on Middle and Late Adulthood*

In addition, on the review and/or editorial boards of the following journals.

Addiction
American Educational Research Journal
American Journal of Public Health
Child Development
Criminology
Developmental Psychology
Journal of Adolescence
Journal of Adolescent Health
Journal of the American Medical Association

*Journal of Developmental and Life-Course
Criminology*
Journal of Research on Adolescence
Journal of Research on Crime and Delinquency
Journal of Studies on Alcohol and Drugs
Justice Quarterly
Nicotine and Tobacco Research
Prevention Science