

CURRICULUM VITAE

Meg Small

Assistant Director Bennett Pierce

Pr Prevention Research Center

(814) 865-5207

EDUCATION

| School | Degree | Area of Concentration | Date |
|---|---|--|------|
| University of Maryland College Park, MD | Ph. D Public and Community Health | Quantitative Methods/ Health Policy | 1992 |
| University of Alabama Tuscaloosa, AL | M.A. | Health/Biostatistics | 1989 |
| The Pennsylvania State University University Park, PA | B.S. | Health and Human Development | 1988 |

PERSONAL STATEMENT

Over the past 10 years as a faculty member within the Bennett Pierce Prevention Research Center I have expanded both my research and applied experience within public health generally, and prevention science specifically, to now include a focus on social innovation. As a direct result of my research studies, technical assistance provision, and interdisciplinary collaborations, I am pursuing a line of inquiry and translation activities utilizing innovation as a framework for increasing the public health impact of evidence based prevention research. I would like to further develop innovation as a mechanism for effective translation research, and explore the contribution it could make to prevention science. I am particularly interested in the application of interdisciplinary innovation strategies to current prevention science challenges such as participant engagement, program quality, and sustainability.

MOST RECENT POSITION

Director of Social Innovation, Bennett Pierce
Prevention Research Center Pennsylvania
State University

(July 2016 – present)

Assistant Director, Bennett Pierce Prevention
Research Center Pennsylvania State University
(July 2013 – June 2016)

Director, The Health and Human Development Design for Impact Lab (July 2015 – Present)

Research Associate (Graduate Faculty Appointment in the Department of Human Development and Family Studies)

The Prevention Research Center, Penn State University
2002-2013

Graduate School Appointment, 2004

Department of Human Development and Family Studies

WORK EXPERIENCE

INTERDISCIPLINARY INNOVATION

Principal Investigator, Disruptive Innovations in Early Learning Opportunities (August 2015 – Present)

Funded by the Robert Wood Johnson Foundation, this collaborative (College of Engineering) project used human centered design methods to generate and test new solutions for increasing social and emotional skills in young children while strengthening vulnerable families.

Investigator, Integrated System for Program Implementation and Real-time Evaluation (2011-present)

Funded under an R34 award through the National Institute of Drug Abuse, the Integrated System for Program Implementation and Real-time Evaluation (INSPIRE) is a collaborative effort between the Prevention Research Center and the Harold and Inge Marcus Department of Industrial and Manufacturing Engineering. INSPIRE is an integrated data platform designed for the 10 Blueprint prevention programs operating in Pennsylvania. The platform enables key stakeholders at the state, university, and service provision levels to access critical data in real-time across program delivery sites. These data provide the foundation for decision-making, program improvement, and efficient research allocation.

Investigator, New Foods for Schools Initiative (2010-2012)

The New Foods for Schools Initiative, funded by the Centers for Disease Control and Prevention, will create and test new food items and a labeling system that utilizes the National Institutes of Health “We Can” framework. This initiative is a collaborative effort between the Prevention Research Center and the Center for Food Innovation. Innovation is a core component as new products will be developed with industry partners, and a new way to code nutrition information will be created for school food service systems.

Inventor, Devices, Systems and Methods for Providing Gift Selection and Gift
Redemption Services in an E-Commerce Environment Over a Communications Network
(Patent Application No. 61442227. Submitted February 14, 2011)

A provisional patent application was submitted to protect the intellectual property related to an innovative technology driven platform for reinventing the gifting experience in order to increase contemplative consuming and improve relationships between givers and receivers.

Faculty Advisor, Applied Professional Experience (APEX) Masters of Business Administration, Smeal College of Business (2010-2011)

A team of four MBA students selected Rattle the Box as their APEX project. Rattle the Box (RTB) seeks to commercialize the intellectual property created under Patent Application No. 61442227. Advice and consultation was provided regularly throughout the semester which resulted in the creation of a business plan. The project was selected as a finalist in the Idea Pitch competition sponsored by the Farrell Center for Corporate Innovation and Entrepreneurship within the Smeal College of Business. The project also was selected for early stage funding consideration (decision pending) from Ben Franklin Technology Partners.

RESEARCH

Investigator, University Life Study (2006-2012)

The University Life Study (ULS) is funded by the National Institutes of Health (NIH). The purpose of the study is to better understand what life is like for students at the Pennsylvania State University. The aims of the study are to: (1) Track developmental trajectories of student attitudes, behaviors, and how they link together across time, (2) Model links between attitudes and behaviors on a daily basis, (3) Identify predictors of attitudes and behaviors, and their co-variation including stable person-level (e.g., gender, ethnicity, family background), developmentally-changing (e.g., goals, relationship status), and situationally-fluctuating (e.g., affect, stress, campus events) factors.

Principal Investigator, Private Investments for Public Progress Study (2007-2009)

The Private Investments for Public Progress Study (PIPP) was co-funded by the Pennsylvania Commission on Crime and Delinquency and the Channing Bete Corporation. The purpose of the study was to better understand the motivations of private sector organizations when investing in community-based programs. The study also sought to increase understanding of private sector organizations' knowledge about evidence-based programs and their existence within local communities.

Principal Investigator, Safe Schools/Healthy Students Harrisburg Initiative (2002-2007)

The Safe Schools/Healthy Students Initiative was conducted in coordination with the Harrisburg Area School District, the Dauphin County Mental Health and Mental Retardation Administration, and the City of Harrisburg Police Department.

The initiative had multiple goals intended to create system-wide changes leading to improved prevention, mental health treatment, and academic outcomes for Harrisburg students. This wide-ranging project involved a number of innovations, including the development of new models for assessing and tracking student social and academic functioning as well as the introduction and

support of prevention programming from preschool to high school.

Principal Investigator, Safe Schools/Healthy Students Sustainability Study (2002-2006) The SS/HS Sustainability Study was funded by the U.S. Departments of Health and Human Services, Justice, and Education. The purpose of the study was to assess the extent and quality of prevention programming in communities following a three-year grant. More than 100 communities were surveyed regarding the types of programs, personnel, training, and policies that remained one, two, and three years post-funding.

TRANSLATION

Director, Health and Human Development Design for Impact Lab (HUDDIL).

The HUDDIL is an interdisciplinary research and translation lab focused on decreasing the time between discoveries in health and human development and their broader social impact. In partnership with the College of Engineering, research is conducted using human centered design methods to develop programs, products, and methods to increase efficacy, effectiveness, and scalability of evidence-based practices.

Contributing Researcher, PROmoting School-community-university Partnerships to Enhance Resilience (PROSPER, 2004-present)

The goal of PROSPER is to utilize the combined efforts of prevention scientists, the Cooperative Extension system, and local schools and community leaders to develop community partnerships that strengthen families and help young people avoid substance abuse and behavioral problems. The PROSPER project promotes the development of sustainable partnerships among schools, communities and universities, in order to facilitate the delivery of evidence-based interventions designed to reduce adolescent substance use and problem behaviors and to promote youth competence. As part of the Penn State PROSPER team, my role was to deliver presentations and conduct training sessions focused on strategic planning and sustainability of prevention programs and the prevention teams.

Co-Director, Safe Schools/Healthy Students Evaluation Technical Assistance Team (2003-2006)

As part of this effort, technical assistance was provided to more than 100 SS/HS national grantees. This assistance involved conducting workshops, providing individual consultation to representatives from local school districts, mental health agencies, justice department representatives, and local evaluators. In addition, as part of this translation work, consultation was provided to representatives from three federal agencies regarding improvements to the overall grant program requirements and award process.

ACADEMIC COMMITTEES AND ADVISING

Faculty Representative for the College of Health and Human Development to the Intercollege Minor Program for Entrepreneurship (2012 – present)
Member of the College of Health and Human Development Philanthropy Council Steering Committee (2015-present)
Member of the University-wide Conflict of Interest Task Force (2104-Present) Allison Doub (Advisor and Committee Member, 2014-present)
Emily Waterman (Candidacy, 2014 and Dissertation committee member, present)

John Reader (Dissertation committee member, present) Jessica Menold (Dissertation committee member 2105-present) William Ferguson (Independent study supervisor, Fall 2015) Lisa Gardner (Independent study supervisor, Spring 2016) Kami Davorakova (Candidacy, 2015)
Karthik Srinivas Seshadri (College of Engineering, Reader for Thesis, May 2011)
Deborah Tempkin (Candidacy, 2010 and Comprehensive Exams, 2011)
Daniel Crowley (Comprehensive Exams, 2011)
Harshini Shaw (Dissertation 2010-2011)
Stephanie Anzman (Prevention Fellows Advisor 2009-2010)
Julia Moore, (Prevention Fellows Advisor 2009-2010)
Brittany Rhoades (Dissertation, 2009)
Vamsi Salaka (College of Engineering, Dissertation, 2008)
Maneesha Panniker (College of Engineering, Thesis, 2005)
Sandra Kahamiheto (Intern Supervisor, 2005)

PEER REVIEWED PUBLICATIONS

Small, M.L., Waterman, E., Lender, T. (in press). Time Use During First Year of College Predicts Participation in High-Impact Activities During Later Years. *Journal of College Student Development*.

Waterman, E., Newman, S., Small, M.L. (In press). Increasing students' familiarity with co-curricular experiences: A pilot trial. *Journal of College Student Development*

Doub, A. E., Small, M. L., & Birch, L. L. (In press). A call for research exploring social media influences on mothers' child feeding practices and childhood obesity risk. *Appetite*.

Doub, A.E., Small, M. L., Levin, A., & LeVangie, K., Brick, T. (in press). Identifying users of traditional and Internet-based resources for meal ideas: An association rule learning approach. *Appetite*.

Doub, A. E., Small, M. L., & Birch, L. L. (2016). An exploratory analysis of child feeding beliefs and behaviors included in food blogs written by mothers of preschool-aged children. *Journal of Nutrition Education and Behavior*, 48(2), 93-103.e1. doi: 10.1016/j.jneb.2015.09.001

Small, M.L., Morgan, N., Bailey-Davis, L., Maggs, J.L. (2013). The protective effects of parent-college student communication on dietary and physical activity behaviors. *Journal of Adolescent Health*, 52(5).

Small, M.L., Bailey-Davis, L., Morgan, N., Maggs, J.L. (2012). Changes in eating and physical activity behaviors across seven semesters of college: Living on or off campus matters. *Health Education and Behavior* 39(6).

Small, M.L., Morgan, N., Abar, C., Maggs, J.L. (2011). Protective effects of parent-college student communication during the first semester of college. *American Journal of College Health*, 59(6), 547-554.

Abar, C., Morgan, N., Small, M.L., Maggs, J.L. (2012). The Impact of Parent Alcohol-Related Messages on Daily College Student Alcohol Use and Consequences. *Journal of Studies on Alcohol and Drugs*, 73(1)

Ferrer-Wreder, L., Saint-Eloi Cadely, H., Domitrovich, C., Small, M., Caldwell, L. L. & Cleveland, M. J. (2010). Is more better? Outcome and dose of a universal drug prevention effectiveness trial. *Journal of Primary Prevention*, 31, 349–363.

Ransford, C.R., Greenberg, M.T., Domitrovich, C.E., Small, M., Jacobson, L. (2009). The role of teachers' psychological experiences and perceptions of curriculum Supports on the Implementation of a Social and Emotional Learning Curriculum. *School Psychology Review*, 38 (4).

Ferrer-Wreder, L., Palchuk, A., Poyrazli, S., Small, M. L., Domitrovich, C. E. (2008). Identity and adolescent adjustment. *Identity: An International Journal of Theory and Research*, 8(2), 95-105.

Patrick, M.E., Rhoades, B.L., Small, M., & Coatsworth, J.D. (2008). Faith-placed parenting intervention. *Journal of Community Psychology*, 36, 74-80.

Graczyk, P.A., Domitrovich, C.E., Small, M.L., Zins, J.E. (2006). Serving all children: An implementation model framework. *School Psychology Review*. 35(2), 266-274.

Brener, N.D., Simon, T.R., Anderson, M., Barrios, L.C., Small, M.L. (2002). Effect of the incident at Columbine on students' violence-and suicide-related behaviors. *American Journal of Preventive Medicine*, 22(3), 146-149.

Small, M., Tetrick, K. (2001). School violence: an overview. *Juvenile Justice*, 8 (1), 3-12.

Small, M.L., Everet, S., Crosset, L., Modzeleski, W. (2001). School policy and environment: Results from the school health policies and programs study 2000. *Journal of School Health*, 71 (7), 325-335.

Small, M.L., Kann, L., Warren, C.W., Collins, J.L., Kolbe, L.K. (1999). Progress in attaining 14 national health objectives for schools. *Journal of Health Education*, 30 (5).

Modzeleski, W., Small, M.L., and Kann, L.K. (1999). Alcohol and other drug prevention policies and education in the United States. *Journal of Health Education*, 30 (5).

Brener, N.D., Collins, J.L., Kann, L.K., and Small, M.L. (1999). Assessment of practices in school-based HIV/AIDS education. *Journal of Health Education*, 30 (5).

Simons-Morton B, Eitel P, Small ML. (1999). School physical education: secondary analyses of the school health policies and programs study. *Journal of Health Education*, 30 (5).

Wechsler H, Brener ND, and Small ML. (1999). Measuring progress in meeting national health objectives for food service and nutrition education. *Journal of Health Education*. 30 (5).

Warren, C. W., Kann, L., Small, M.L., Santelli, J.S., Collins, J.L., Kolbe, L.J. (1997). Age of initiating selected health risk behaviors among high school students in the United States. *Journal of Adolescent Health*, 21 (4), 225-231.

Small, M.L., Smith, L.M., Diane, D.D., Farquhar, B.K., Kann, L., Pateman, B.C. (1995). School health policies and programs study results: School health services. *J School Health*, 65 (8), 319-326.

Kann, L., Collins, J.L., Pateman, B.C., Small, M.L. (1995). The School health policies and programs study (SHPPS): Rationale for a nationwide status report on school health programs. *J School Health*, 65 (8), 291-294.

Kolbe, L.J., Kann, L., Collins, J.L., Small, M.L., Pateman, B.C., Warren, C.W. (1995). The school health policies and programs study (SHPPS): Context, methods, general findings, and future efforts. *J School Health*, 65 (8), 339-343.

Collins, J.L., Small, M.L., Kann, L., Pateman, B.C., Gold, R.S., Kolbe, L.J. (1995). School health policies and programs study: School health education. *J School Health*, 65 (8), 302-311.

Pate, R.P., Small, M.L., Ross, J.G., Young, J.C., Flint, K.H., Warren, C.W. (1995). School health policies and programs study: School physical education. *J School Health*, 65 (8), 312-318.

Errecart, M.T., Ross, J.G., Robb, W., Warren, C.W., Kann, L., Collins, J.L., Pateman, B.C., Small, M.L., Sundberg, E.C. (1995). School health policies and programs study: Methodology. *J School Health*, 65 (8), 295-301.

Collins, B.C., McKinney, P., Kann, L., Small M.L., Warren, C.W., Collins, J.L., (1995). School health policies and programs study: School food service results. *J School Health*, (8), 327-332.

Leavy, M., Gold, R.S., Hernandez, M. *The Bright Smiles, Bright Futures* curriculum evaluation: Designing health education evaluations that address the methodological challenges of collecting data from young children. Proceedings of the 1993 Public Health Conference on Records and Statistics. National Center for Health Statistics, Centers for Disease Control and Prevention.

Leavy, M., (1993). The evaluation of an oral health education program for inner city first grade students. Ann Arbor, MI: UMI Dissertation Services.

Hodges, B., Swift, B., Leavy, M. (1992). Gender differences in adolescents' attitudes towards condom use. *Journal of School Health*, 62 (6), 24-27.

Feldman, R.H.L., Leavy, M., Sullivan, A., (1991). Benefits beyond retirement: It's never too late to quit smoking. University of Maryland, College Park, MD.

Leavy, M.E., Napp, J., The impact of the Alabama Power/YMCA Fitness Program: A case study. *Wellness Perspectives*, 1, 68-70.

| PAST WORK EXPERIENCE | Title | Dates |
|---|--|--------------|
| Centers for Disease Control and Prevention/Division of Adolescent and School Health | Health Scientist | 1997-2001 |
| George Washington University | CDC-funded Research Assistant Professor Behavioral Scientist (Surveillance and Evaluation Research Branch) | 1996 1997 |
| Centers for Disease Control and Prevention/Division of Adolescent and School Health | | 1994-1996 |
| Macro International, Inc. Calverton, MD | Project Director | 1992-1994 |
| University of Maryland | Director of Evaluation, Bright Smiles, Bright Futures Curriculum Project | 1991-1992 |
| Council of Chief State School Officers | Policy Research Assistant Education and social services issues | 1990-1991 |
| University of Maryland | Graduate Teaching Assistant | 1989-1991 |
| University of Alabama | Graduate Teaching Assistant | 1988-1989 |

- ◆ Centers for Disease Control and Prevention. Dr. Small served as a liaison between the DOE and CDC. She was responsible for directing the national evaluation of the Safe Schools/Healthy Students Initiative, a \$140 million multi-site demonstration project. Dr. Small also was responsible for coordinating child and adolescent health initiatives, reviewing and disseminating research, and assisting in the development of guidelines and other publications. Dr. Small served on the White House Council for Youth Violence Prevention/Research Dissemination Group.
- ◆ George Washington University (GWU). Dr. Small was a research assistant professor and held a one-year joint appointment in the Institute for Health Policy Outcomes and Human Values and the Department of Health Care Sciences. Dr. Small taught two graduate courses, and conducted school- based research for the Centers for Disease Control and Prevention
- ◆ Centers for Disease Control and Prevention/Division of Adolescent and School Health (CDC/DASH). Dr. Small was a behavioral scientist in the Surveillance and Evaluation Research Branch of DASH, serving as the project officer for the School Health Policies and

Programs Study (SHPPS). Her responsibilities included data analyses and reporting, and disseminating SHPPS findings through journal articles and presentations within CDC and at

professional conferences. SHPPS is a national school-based research initiative, assessing five components of the school health program, health education, physical education, health services(including HIV polices for students and staff, food, etc.) and policies that prohibit tobacco, alcohol and other drug use, and violence. SHPPS was a three-year study that involved data collection at the state, district, school, and classroom levels, and measured the status of the five components at each of the four levels. While at DASH Dr. Small reviewed and edited the 17 data sets generated from SHPPS. Dr. Small used SAS and SUDAAN statistical packages to analyze the data. Dr Small wrote articles summarizing the findings from SHPPS, and assisted other staff in writing additional articles. In addition to SHPPS, Dr Small worked extensively with the YRBSS, which includes a biennial national school-based survey of adolescent health behaviors. Dr. Small conducted analyses, served as a technical advisor, and served as a content specialist for a CD Rom development project.

Job-related Honors, Awards, and Affiliations

Member External Safe Schools/Healthy Students Evaluation Advisory Group
Merit Award- U.S. Department of Education for outstanding work on the Safe Schools/Healthy Students Initiative

Best Instructor Award- George Washington University School of Public Health, 1997

Outstanding Performance in Research Operational-Centers for Disease Control and Prevention, 1996

CDC Service Award, Centers for Disease Control and Prevention, 1996

Outstanding Client Service Award, Macro International, 1994

Member of the American School Health Association

Member of the American Public Health Association

Member of the Society for Prevention Research