



MERRILL PALMER SKILLMAN INSTITUTE  
for Child & Family Development

2019/2020

# MPSI REPORT

RESEARCH

## Major Grant Awards

(\$100,000 and above)

***Scaling Up: A multi-site Trial of e-SBI for Alcohol Use in Pregnancy*** – **Steve Ondersma, PI.** A four-year grant of \$2.6 million from the National Institute on Alcohol Abuse & Alcoholism to expand the testing of a brief computer-delivered intervention.

***Recognizing, Reflecting and Responding to Infant/Toddler Cues: A Parent-Teacher Intervention to Support Social-Emotional Development through Caregiver Mindfulness and Sensitivity*** – **Ann Stacks, PI.** A \$2.47 million grant to support a five-year program of professional development, coaching and interventions designed to improve the responsiveness and interactions between teachers, parents and young students, in partnerships with Michigan State and the University of Michigan.

***Michigan Opioid State Targeted Response and Evaluation*** – **Stella Resko, PI.** Three one-year grants from the Michigan Department of Health & Human Services, totaling, \$1.5 million, to assist with Michigan's federally funded response to the opioid crisis and evaluate the effectiveness of interventions.

***Accelerating Collaborative, Cumulative and Open Intervention Science with an e-Intervention Authoring Platform*** – **Steve Ondersma, PI.** The National Institute of Biomed-

ical Imaging Bioengineering awarded \$1.5 million over four years to significantly enhance existing research software so scientists can more easily collaborate to develop powerful interventions for mobile devices.

### ***Child Care Access Means Parents in School***

– **Anna Miller, PI.** The U.S. Department of Education awarded \$659,927 to Early Childhood Centers at MPSI and the College of Education Early Childhood Centers to provide tuition for preschoolers of low-income parents attending Wayne State University. Affordable, quality child care encourages parents to stay in college and earn a degree.

### ***Pediatric Motivational mHealth Parent Training for Child Disruptive Behaviors***

– **Lucy McGoron, PI.** A four-year, \$533,151 K01 award from the National Institute of Mental Health to use internet-based technology to identify disruptive behavior in children and motivate parent engagement. The program provides evidence-based training tailored to each parent's needs.

### ***Virtual Reality to Assess the Interpersonal Dynamics of Violence Exposure***

– **Valerie Simon, PI.** Adolescents exposed to interpersonal violence often experience negative consequences. This study uses virtual reality technology to measure the betrayal, stigmatization and powerlessness theorized to impact these consequences. The National Institute of Child Health and Human Development granted \$423,827 over two years.

### ***Optimizing SBI Implementation for High Risk Alcohol Use in Women of Childbearing Age***

– **Steve Ondersma, PI.** Two grants totaling \$235,939 and covering two years from Henry Ford Health Systems to refine and optimize the delivery of computer-based interventions that reduce alcohol use.

### ***Great Start Readiness Program***

– **Anna Miller, PI.** These yearly grants from the Michigan De-

partment of Education are shared between both Early Childhood Centers on campus. MPSI's Center received \$232,000 over two years to provide free tuition for qualified four-year-olds at-risk of school failure.

***The Interpersonal Dynamics of Violence Exposure and Adolescents' Autonomic Regulation*** – **Valerie Simon, PI.** A two-year grant of \$179,215 from the National Institute of Child Health and Human Development.

***Promoting High Quality Early Childhood Education in Detroit*** – **Hilary Ratner, PI.** The Kresge Foundation awarded \$163,629 to support the Early Childhood Consortium created by the College of Education and MPSI to provide professional development, coaching and other resources at no cost to early childhood centers that belong to the consortium.

***Freer House Programs*** – **William Colburn, PI.** The Erb Foundation and the Kresge Foundation awarded \$25,000 for programs and events to the Freer House, the 1892 historic home of MPSI faculty and staff.



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