

Grant Deliverables and Reporting Requirements for UTC Grants

<b>UTC Project Information</b>	
Project Title	An Intersectoral Approach to Study Built Environment Factors Affecting Postpartum Depression and Children's Health
University	Cornell University - Weill Cornell Medicine
Principal Investigator	Yiye Zhang, PhD, MS
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Funding Source(s) and Amounts Provided (by each agency or organization)	USDOT: \$99,899 Weill Cornell Medicine: \$50,000
Total Project Cost	\$149,899
Agency ID or Contract Number	Sponsor Source: Federal Government CFDA #: 20.701 Agreement ID: 69A3551747119
Start and End Dates	Start date: 10/01/2019 End date: 09/30/2020
Brief Description of Research Project	<p>Aim 1: Examine the association between built environment and PPD and develop a PPD risk model.</p> <p>Aim 2: Interview clinicians on the utility of the PPD risk model on maternal and children's outcomes.</p> <p>Aim 3: Identify mediating effects of built environment factors between PPD and children's allergic diseases.</p> <p>Research outcomes in the form of a PPD risk prediction model are expected to be submitted as provisional patent through Cornell University's Center for Technology Licensing. In addition, research outcomes will be published as journal publications, and communicated to clinicians at Weill Cornell Medicine's clinics as patient and provider education pamphlets and flyers.</p> <p>We aim to identify built environment related factors that affect PPD, and indirectly, children's health, that may facilitate strategies to better protect maternal and children's health. By working with a local clinic, we expect our study findings to be</p>

	translated into patentable risk reduction algorithms that incorporate clinical and environmental factors to assist in routine maternal and children’s health care.
Describe Implementation of Research Outcomes (or why not implemented)  Place Any Photos Here	
Impacts/Benefits of Implementation (actual, not anticipated)	
Web Links:  • Reports  • Project website	<a href="http://ctech.cce.cornell.edu/final-project-reports/">http://ctech.cce.cornell.edu/final-project-reports/</a>