National Network of Depression Centers 2020 NNDC Virtual Conference

Redesigning Suicide Research with Postpartum Women During the COVID-19 Pandemic

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Background

Suicide in Postpartum Period

- Suicide is the second leading cause of death in postpartum women, accounting for about 20% of postpartum deaths
- Research is needed to better understand mechanisms underlying suicide risk during the postpartum period and into the first year of a child's life
- Feasibility is inherently challenging for research on sensitive subjects of suicidal ideation, past suicide attempts, and self-harming behaviors
- COVID-19 has magnified challenges of participant recruitment and safe data collection

Objective:

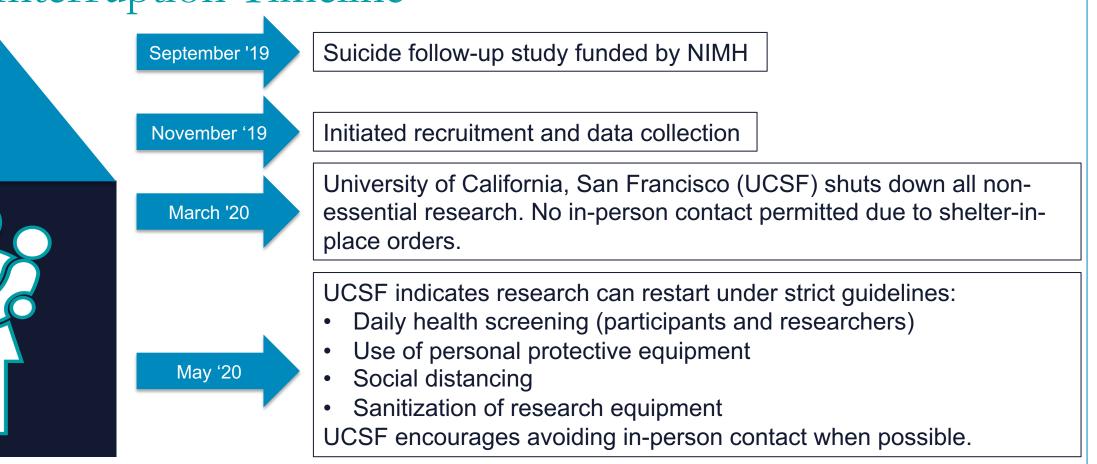
Determine necessary changes to recruitment and data collection, following the onset of COVID-19, for a mixed methods study to examine HPA axis dysregulation as a potentially heritable phenotype of suicide that may significantly increase risk.

Planned Follow-up Study Methods

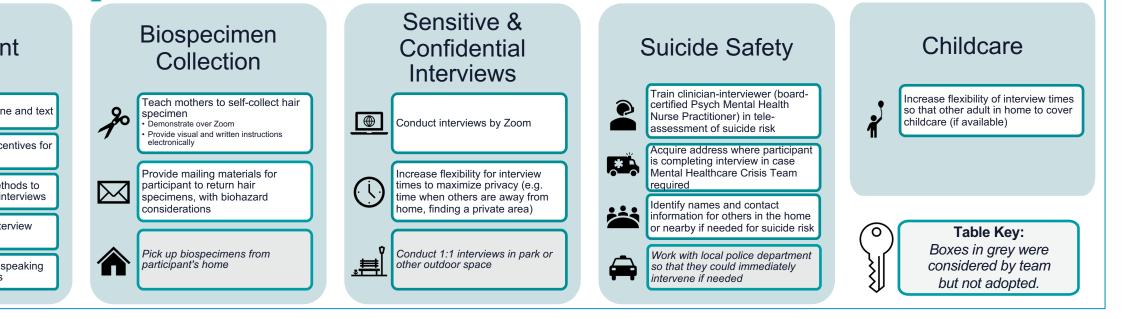
Planned Follow-up Study Methods		Protocol
Completed Data Collection	 Conducted pre-pandemic 3 time points (3rd trimester through 12 months postpartum) Collected measures of maternal salivary cortisol and depression (PHQ-9 and Major Depression Disorder Scale of the PDSQ) 	Repeat contacts by phone
Follow-up Recruitment	 Recruited women who reported suicidal ideation at any timepoint in initial study Eligible sample: 30 out of 190 enrolled women 	Use multiple contact methor schedule & reschedule interview () Increase flexibility for interview fimes Expand use of Spanish speresearch team members
Original Protocol	 Conduct interview with a research team member in the woman's home Measures Interview built around the Columbia Suicide Severity Rating Scale Qualitative probes to elicit nuanced feelings and thoughts regarding suicidal ideation, plans and attempts Researcher also collected: Additional depression measures Hair specimen for cortisol analysis 	 Protocol Image: Constraint of the stabilish rape Or the stabilish rape <

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COVID Interruption Timeline



Adaptations: Considered and Made



Adaptations: Strengths, Weaknesses and Warnings

