

## Program Milestones to Date

| Date         | Milestone Type   | Description  |
|--------------|--|--|
| April 2021   | Funding  | Received funding from Duke CTSI to conduct pilot study of Maternal Morbidity at Duke and UNC: a multicenter examination of risk factors and trends of pregnancy related to morbidity.  |
| July 2021    | Project Start Date   | The beginning date of the project.   |
| August 2021  | Foundation for Anesthesia Education and Research MRTG submission | Meng PI Foundation for Anesthesia Education and Research MRTG submission<br>Project Title: Cardiovascular Risk Prediction for Improved Maternal Health<br>This project proposed to use the Duke/UNC dataset created by the CTSI project. |
| October 2021 | FAER MRTG awarded  | PI Meng: Start Date: January 1, 2022,<br>End Date: December 31, 2023   |
| Jan 2022     | Follow-on Funding  | Foundation for Anesthesia Education and Research: Meng PI  |
| Jan 2022     | Partnership with Harvard formed                                  | Partnership created with Harvard epidemiologists.  |
| Feb 2022     | Poster Presentation  | Society for Maternal Fetal Medicine  |
| Dec 2022     | Project End Date   | The ending date of the project.  |
| Jan 2023     | Publication  | "For better care we need better data: towards a national obstetrics registry"  |
| Jan 2023     | Publication  | First paper published in <i>American Journal of Obstetrics &amp; Gynecology MFM</i>  |
| Feb, 2023    | Abstract Publication   | "Differences in severe maternal morbidity and comorbidity indices in two North Carolina Health Systems"  |
| Feb, 2023    | Abstract Publication   | "Racial and Ethnic Disparities in Severe Maternal Morbidity in Two Health Systems in North Carolina"   |
| July 2023    | R01 Submitted  | Leveraging machine learning for cardiovascular disease risk prediction and prevention in women with a history of adverse pregnancy outcomes  |
| Dec 2023     | Exploratory Research Letter Submitted                            | Exploratory research letter submitted about morbidity codes.   |
| Dec 2023     | R01 funded   | "Leveraging machine learning for cardiovascular disease risk prediction and prevention in women with a history of adverse pregnancy outcomes"  |
| Feb 2024     | Paper Publication  | Hospital Discharge Codes and Overestimating Severe Maternal Morbidity During Delivery Hospitalization  |