The following documentation should be attached to the final submission of your Honors Capstone. DO NOT turn this in with your proposal.

NORTHERN ILLINOIS UNIVERSITY

The Effects of Covid-19 & Pregnancy

A Capstone Submitted to the
University Honors Program
In Partial Fulfillment of the
Requirements of the Baccalaureate Degree

With Honors

Department Of
Nursing

By
Madison Cerda

DeKalb, Illinois

12/13/2020
University Honors Program
Capstone Faculty Approval Page

Capstone Title (print or type): The Effect of Covid-19 & Pregnancy

Student Name (print or type): Madison Cerda

Faculty Supervisor (print or type): Stephanie Uhr

Faculty Approval Signature

Department of (print or type): Nursing

Date of Approval (print or type): 11/11/20

Date and Venue of Presentation: Nursing Honors Poster Day

Check if any of the following apply, and please tell us where and how it was published:

☐ Capstone has been published (Journal/Outlet):

☐ Capstone has been submitted for publication (Journal/Outlet):

Completed Honors Capstone projects may be used for student reference purposes, both electronically and in the Honors Capstone Library (CLB 110).

If you would like to opt out and not have this student’s completed capstone used for reference purposes, please initial here: _______ (Faculty Supervisor)
On March 11, 2020, the World Health Organization declared a pandemic of a new strain of SARS-CoV-2, now officially named COVID-19. As a future nurse in labor and delivery I decided to focus on how coronavirus affects pregnancy. Pregnancy is considered a state of immune suppression, which makes this population especially vulnerable. The purpose of this literature review is to explore the health effects coronavirus has on the mother and fetus, while at the same time research possible treatment plans. The paper will highlight coronavirus’s history, pathophysiology, diagnosis, treatment, obstetric workflow, how it affects the placenta, and breastfeeding recommendations. I selected 12 different articles provided by CINAHL and PubMed to review. All articles we’re peer-reviewed, full text, and screened for eligibility. Limits to the study include evolving research and articles only available in 2020. Results revealed coronavirus is an RNA virus working by reverse transcriptase. This makes it difficult to develop a vaccine. Also, placenta blood vessels suffered, but fetal APGAR scores were promising (8 and 9’s). Breastfeeding remains the best for fetal nutrition. Staff has been educated on proper obstetric workflow, and Dashraath et al. (2020) provided an excellent chart for reference. Overall, coronavirus and pregnancy outcomes is evolving and it is important to stay up to date on research.