SMART Program: Final Materials

Adriana Gaona

Evaluating the Association Between Prenatal Metal Exposure and DNA Methyaltion

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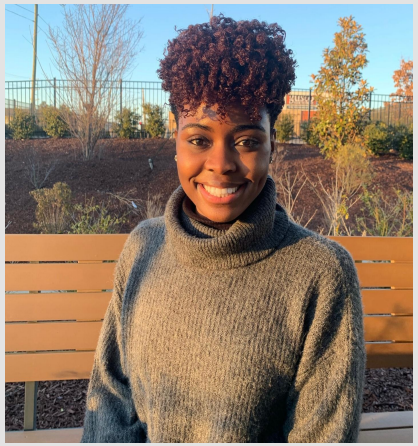

Liyah Clark (mentor)

Can placental epigenetic changes in response to prenatal metal exposure help explain associated adverse birth outcomes and health outcomes later in life?

Many studies have found a link between prenatal metal exposure and adverse birth outcomes and health outcomes later in life but there is still a gap in our understanding as to how this occurs.

Results

Research Community

The results will help explain how adverse birth outcomes and health outcomes later in life result from prenatal metal exposure. This understanding will allow for better preventative care and treatment.

General Audience

General audience will be more knowledgeable and cautious of the risks and placental epigenetic changes that result from toxic metal exposure during pregnancy.