

# Navajo Birth Cohort Study

## ***Helping Your Baby and Future Generations To Grow in Beauty***

*If you are pregnant and concerned that uranium might affect your child's health please consider participating in this important research study.*

***Call 1-877-545-6775 or 1-928-XXX-XXXX  
for more information and how you can participate***

*A joint project of -*

- DiNEH Project (University of New Mexico Community Environmental Health Program and Southwest Research and Information Center);*
- Centers for Disease Control and Prevention/Agency for Toxic Substances and Disease Registry;*
- Navajo Area Indian Health Service; and*
- Navajo Nation Division of Health*

*Approved and monitored by*

- University of New Mexico Human Research Review Committee – HRPO# 11-310 • Navajo Nation Human Research Review Board – NNR# 10.323*

*Funding from CDC/ATSDR: U01 TS000135    Principal Investigator – Johnnye Lewis Ph.D., D.A.B.T.    Artwork by Sandy Ramone*

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*UPDATED INFORMATION WILL BE IN THIS SECTION – ENROLLMENT DATES / OUTREACH MEETINGS / OR ANY OTHER IMPORTANT INFORMATION*

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# Navajo Birth Cohort Study (NBCS)

- The primary goal of this study is to better understand the relationship between uranium exposures and birth outcomes and early developmental delays on the Navajo Nation
- Participants will be surveyed during their pregnancies and take part in four developmental assessments with their child in her first year.
- The study will provide broad public health benefits for Navajo communities, including —
  - early assessment and education on environmental, prenatal risks;
  - service referral when developmental concerns are identified; and
  - heightened awareness of impacts of environmental exposures among Navajo area health care providers
- The study is funded by Congress at the request of the Navajo Nation and in response to concerns expressed by women about the health impacts of living near abandoned uranium mines.

## Direct Benefits for Participants:

- The home environmental assessment will indicate if any serious levels of contamination are present, and if so, the family will be referred to the appropriate agency for further environmental testing.
- Access to information on community-based infant services and programs, including WIC and First Things First.
- Children with developmental concerns will be referred to Growing In Beauty, Navajo Nation Early Intervention Program, for services.

## Participants will be asked to:

- Complete surveys before birth and at 2-, 6-, 9- and 12-months after birth
- Provide urine and blood samples and consent to a medical record review
- Consent to a home environmental assessment and sampling
- Consent to child's growth and developmental assessments, blood and urine collection, and home environmental sampling

# Navajo Birth Cohort Study

For information about the  
study, please call us at  
1-877-545-6775

The Navajo Birth Cohort Study  
(NBCS) will begin recruiting  
participants in XXXX

## Who will be eligible?

Women between the ages of 14  
and 45 years old who have lived on  
the Navajo Nation for 5 years, are  
pregnant, and will deliver at

- Chinle Comprehensive Health  
Care Facility
- Gallup Indian Medical Center
- Northern Navajo Medical  
Center (Shiprock)
- Tséhootsooí Medical Center  
(Ft. Defiance)
- Tuba City Regional Health Care  
Corporation



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A collaborative study to better  
understand the relationship  
between uranium exposures and  
birth outcomes and early  
developmental delays on the  
Navajo Nation

Funding from CDC/ATSDR: U01 TS000135

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