Developmental Effects of Home Radon Exposure

The Big Idea

Radon is a natural gas that can build up in any home, particularly in Eastern Nebraska and Iowa. This study aims to determine if everyday radon exposure has an impact on the development of neural and immune systems in youth. In spite of its environmental toxin status and high exposure rates in the United States, there are still many questions about its effects. Answering some of these questions is the goal of this study.

Goal 1: Does radon alter brain structure and function in otherwise healthy children and teens?

Goal 2: Does radon increase activity of the immune system through increased body inflammation?

Your child may be eligible if:

- Between ages 8 – 15
- Is medically healthy with no psychiatric or neurological disorders
- Can complete various mental tasks
- Is not pregnant or planning on a pregnancy
- Speaks English as a primary language

Study Requests:

- Visit the Institute for Human Neuroscience twice
- Complete behavioral and neuropsychological assessments
- Provide saliva samples
- Complete MEG and MRI brain scans
- Complete a pre-paid mail-in home radon test kit

Participants will be compensated for each visit and radon test kit completed.

Participants will receive $50 for each visit to the Institute and $20 for completing the radon test kit.

For more information, please contact:

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