



Is Your Family Home Exposed to Radon?

THE BIG IDEA

Radon is a natural gas that can build up in homes, especially in eastern Nebraska and Iowa. Despite its environmental toxin status and high exposure rates in the US, there are still many questions about its effects. This study aims to determine if everyday radon exposure has an impact on the mental health of children and teens. The research questions we seek to answer include:

GOAL 1: How does radon affect brain function related to processing emotions in otherwise healthy children and teens?

GOAL 2: Are these changes in brain function related to mental health outcomes like anxiety?



YOUR CHILD MAY BE ELIGIBLE IF:

- » Between ages 12 – 17
- » Is medically and mentally healthy with no diagnosed disorders
- » Can complete various brain games
- » Speaks English as a primary language

STUDY REQUESTS:

- » Visit the Institute for Human Neuroscience twice
- » Complete various brain games
- » Provide hair and blood samples
- » Complete MEG and MRI brain scans
- » Complete a pre-paid mail-in home radon test kit
- » Complete a pre-paid mail-in air pollution wristband kit

SIGN UP HERE



Participants will be compensated for each visit, wristband kit, and radon test kit completed. Participants will receive \$50 for each visit to the Institute, \$20 for completing the radon test kit, and \$20 for completing the pollution wristband kit.

For more information, please contact:

Neurodiversity Lab
Institute for Human Neuroscience
Boys Town National Research Hospital
IHN.NeurodiversityLab@boystown.org
General Staff: 531-355-8942

