

Frequently Asked Questions

Will we be compensated for our time?

You and your child will be eligible for \$150. You will be compensated **\$50** for a completed survey, a tap water sample, and a soil sample. Your child will receive **\$10** for us measuring their height, weight, and blood pressure; **\$10** for their hearing test (and complete a brief hearing screening survey); **\$20** for their lung function test; **\$40** for their nail sample (and fill out a brief nail collection survey); and **\$40** for a sample of blood from their fingertip. As a parent/guardian, you will not be compensated any additional amount for your biological data collection.

Are there any risks to being in this study?

There may be minimal risks and discomfort associated with this study. These risks include discomfort with some survey questions, discomfort with some aspects of biological data collection, and loss of confidentiality. You are not required to answer survey questions that make you uncomfortable. While we are taking precautions to ensure the confidentiality of your data, including de-identifying your child's data and saving all your child's information on a password-protected and encrypted computer, there is a chance that confidentiality is breached. Given our safety measures, we feel that the chance of this happening is minimal. Finally, during the study, you and your child can quit anytime. If you choose to quit your records will be destroyed.

Are there any benefits to being in this study?

At the end of your study visit, we will share your child's height, weight, blood pressure, hearing loss levels, and spirometry results with you. Within three months, we will share with you the measured levels of contaminants in your tap water and soil sample. We will also provide you with a list of local specialists if you are interested in following upon your study visit's findings.

GLOSTER ADOLESCENT ENVIRONMENTAL HEALTH STUDY

Would you like to know how your environment may be impacting the health of you and your children? If you live in Gloster, Mississippi, researchers at Brown University School of Public Health and our community partner Greater Greener Gloster Project, will be conducting a research study to better understand how your water, soil, air, and noise quality may be impacting the health of you and your children.

Why is this work important? We believe that a healthy and clean environment is a basic human right and you, as a resident, should be *knowledgeable* about the environmental quality in your community and how it may be *potentially impacting* the health of you and your children.

Any contact information?

You can email **Dr. Krystal Martin at info@greenergloster.com or 601-431-1920**; Dr. Erica Walker at erica_walker@brown.edu; or Research Scientist, Dr. Cristina Nica, at cristina_nica@brown.edu.

If you have questions about your rights as a research participant, you can contact Brown University's Human Research Protection Program at IRB@Brown.edu.

Follow us on Social Media!



@community_noise



@communitynoiselab

This study has been approved by
Brown University's IRB. Study
#STUDY00000007

#wehere

About Us

About Community Noise Lab. This research study is being conducted by the **Community Noise Lab** at the **Brown University School of Public Health in Providence Rhode Island**. We also have an office and laboratory space in Jackson, Mississippi. The study's PI, **Dr. Erica Walker, was born and raised in Mississippi** and would like to assess how the environmental quality in your community may be impacting the health of you and your children.

About Greater Greener Gloster Project. The Greater Greener Gloster Project is a grassroots outreach and education initiative established by KMartin Group, a 501(c)3 non-profit organization. This initiative was founded by local community leaders in response to the environmental and public health issues impacting Gloster, a rural and underserved community located in Southwest Mississippi.

Our Activity Book Series. Community Noise Lab currently has three FREE activity books covering water quality (From the Ground to the Glass); noise pollution (Protect and Preserve), and visual pollution (Light. Blight. Sight). These activity books are provided to all study participants. If you would like to request additional copies for your friends and loved ones, you can reach out to Dr. Walker or Dr. Martin with your request!

**IF YOU ARE INTERESTED IN ENROLLING IN OUR STUDY,
PLEASE REACH OUT TO DR. KRISTAL MARTIN TO SIGN UP.
601-431-1920 or info@greatergreenergloster.com**

**Scan to learn how to
enroll in our health
study!**



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Can you provide more details about this study visit?

Step 1: To agree to participate, you will first need to read our consent form and provide your consent.

Step 2: Read the parental permission form and provide your permission to have you and/or your child enrolled in this study.

Step 3: Take a 90-question survey to gather information about you, your household, your neighborhood, your water quality, and your child. This survey will take 30 minutes to complete.

Step 4: For you and your child, you will permit us to:

- Measure your height and weight using a stadiometer and scale.
- Measure your blood pressure using a standard blood pressure cuff. We will repeat this step 3 times.
- Measure your hearing using a portable audiometry kiosk. You and/or your child will also fill out a brief hearing screening survey.
- Measure your lung function to better understand your asthma risk using a portable spirometer. You and/or your child will also fill out a brief spirometer survey.
- Provide a sample of your nails so we can measure cortisol levels, which is a marker for persistent stress. We will clip the nails from all five fingers of both hands. You will also fill out a brief survey to assess if you take steroids.
- Provide a sample of blood from your/their fingertip. You and/or your child will provide a sample using a collection kit, which contains a cartridge to collect blood from their fingertip, a fingertip pricker, and both alcohol pads and a bandage to clean and cover the prick mark. A sample of blood will allow us to understand the level of PFAS and heavy metals present in your you and/or your child's bloodstream as well as gauge levels of stress and respiratory biomarkers also present.
- You and your child are free to participate in whatever aspects of the study you feel comfortable with. Your participation is voluntary and you are free to change your mind/quit at any time during the study visit. Any data collected from you will be destroyed.