

Environmental exposures across urban and rural communities in the Deep South

CAB Meeting

June 8 2017 10-11am Central

Phone Call

Draft Meeting Minutes

Attendees: Keisha Brown, Kaya Bryant, Kirsten Bryant, Mary Evans, Pranavi Ghugare, Julia Gohlke, Ethel Johnson, Leslie McClure, Michael Milazzo, Molly Richardson, Sheila Tyson, Connor Wu, Ben Zaitchik

Adoption of Meeting Agenda and Discussion of Additions:

The agenda was adopted. The group was introduced to Kaya, a vet student at Tuskegee University. She is interested in helping with the participant phase in Birmingham and investigating heat stress in dogs using iBUTTONs.

We discussed the possibility of adding pedometers to the study. These are worn on the hip and count the number of steps taken. There were concerns of them being quality products or whether wearing 2 monitors (the temperature iBUTTON and the step counting pedometer) would burden the participants and they would not want to participate. Ethel mentioned that they may actually be motivated to doing the outdoor part. Alternatives like a Fitbit were mentioned. We will follow up by sending pictures of pedometer options.

We also brought up the option of weighing the participants at both the Enrollment session and the Turn-In Session. Everyone was in agreement that this would be of interest and we will plan to do this.

Discuss updates from Neighborhood Sampling:

Neighborhood iBUTTONS:

Everything went very well with the teams who worked to put the iBUTTONs into parks and neighborhoods in May. Thanks to everyone for their hard work in the rain. The map with their locations and descriptions is posted on Basecamp.

WBGT:

Two Kestral WBGT (wet bulb globe thermometers) have been placed, one in Birmingham and one in Wilcox County. Pranavi and Ben are looking at the early pilot data. During the July phase, we will consider moving the WBGT to sites around Birmingham and Wilcox County for one day sampling.

VOC Monitoring:

Michael led a discussion of plans for air pollution monitoring, specifically volatile organic compounds (VOC) sampling. The plan is to hang a VOC sampler (with a protective shield like a water bottle) and a temperature monitor on the front porch or in a tree in the yards of a total of 9 residents in Birmingham and a total of 3 residents in Wilcox County. It was suggested they should be hung out of reach of kids so that they won't be disturbed. The VOC samplers will hang for a total of 2 weeks. After the first week, Michael and his team (or Julia and Connor in Wilcox County) will return to collect and replace with a second VOC monitor for the second week. After 2 weeks, both the temperature and VOC monitors will be collected.

In Birmingham, he would like to place three monitors in residences in the area surrounding Woodward Park, North Birmingham Park, and Harriman Park Rec Center. Sheila suggested \$25

compensation would be sufficient for compensation to homeowners and she and Keisha could identify 9 individuals who would be willing to permit this on their property.

Ethel identified West Gate Park as the preferred location in Wilcox County (alternative is Yellow Bluff Park). Ethel will identify 3 residences nearby to have monitors in their yards and they will also receive \$25 compensation each.

Review of Participant Documents:

Leslie provided some written comments via email. Everyone was in agreement regarding the docs. Molly, Mary, and Julia will update with any revisions and submit to IRB for approval.

Recruitment Strategy:

Review: At each site: a total of 90 participants may be enrolled during July 10-14th and return for Turn-In Session July 17-21st. We discussed and agreed upon extending the age to 70 to accommodate recruitment needs. Form of \$150 compensation was discussed. Sheila confirmed she will have cash in Birmingham and Ethel confirmed it will be a written check in Wilcox County. For individuals with diabetes who agree to record daily blood glucose, a \$15 VISA gift card will be given. Julia will take care of this from Virginia Tech.

Update: In Wilcox County, Ethel has a list of 92 people and stand-by list. In Birmingham, Sheila and her staff have a list going. She is bringing Clarice Davis into the project to assist with the recruitment and enrollment.

Staffing and Logistics:

In Birmingham, staff include: Sheila, Keisha, Molly, Mary, Kaya, Pranavi, Michael, and Clarice. We discussed that it would be good to have extra people to help with sign in and finding a seat etc. particularly during enrollment. Yun may be available to help. We agreed on a training session for all Birmingham staff on Friday July 7th at Memorial Park Rec Center. The enrollment/turn-in session timing was briefly reviewed: There will be one session per day from July 10-14th to enroll approximately 20-25 participants. Staff will arrive at Memorial Park Rec Center at 2pm each day to set up. Participants arrive and enroll from 3 to 5. Turn-in Sessions will be 3-5pm on July 17-21st at Memorial Park Rec Center; staff arrive at 2pm to setup each day.

In Wilcox County, staff include: Ethel, Julia, Connor, and Claudiu. Julia mentioned that Claudiu confirmed he would be available for the first 2 days at least. Ethel brought up that she may relocate the enrollment site from BAMA Kids to the Auburn place down the road due to scheduling conflict. There will be 2 sessions each day to enroll participants until the target of 90 is reached. A training session for Wilcox County is to be determined.

Mary and Julia are checking about the IRB training status of staff under Virginia Tech protocol to ensure all are up to date and approved on our protocol.

Summary:

We will continue discussions over the next month and talk over email and calls as needed. We will discuss APHA (American Public Health Association) conference and abstracts later this summer.