

Dear Students,

*(Teachers or Parents - if you are receiving this email, please share the information with the students attending the Annual Meeting!)*

The following email has all of the information you need to know about and prepare for your experience at the GLOBE Annual Meeting in Detroit in July 2019. Please read through all of it! A copy of this email will also be uploaded to the Student Experience section of the Annual Meeting [Webpage](#).

**There are a few action items you will need to do ASAP (additional details provided in email below):**

- If you plan on presenting a poster at the meeting, you need to submit your presentation online by **15 June**:  
[https://docs.google.com/forms/d/1Gglu\\_E7KOr6EHpBT2K\\_hwJlnzZbMpC9WQLBfA5Qgnus/edit](https://docs.google.com/forms/d/1Gglu_E7KOr6EHpBT2K_hwJlnzZbMpC9WQLBfA5Qgnus/edit)
- If you and your chaperone/teacher plan on staying at the Crowne Plaza Detroit Downtown Riverfront, which is the venue where the Annual Meeting is taking place, there is a discounted room block available until **20 June** so please book your room before that date. More information on how to book your room is available in the “Accommodations” section of the Annual Meeting [Webpage](#).
- We are assessing what technology our students will be bringing with them to Detroit so we know if additional equipment is necessary. Please fill out this form by **15 June** to let us know if you are planning on bringing a laptop, tablet, and/or smartphone with you:  
<https://forms.gle/hp9vTLj6kZNE3FU1A>

**Additional action items:**

- You will be receiving a Student Release Form in a separate email, please fill out and sign the release online forms by **1 July**.
- You will be working on GLOBE projects during your stay at Howell Nature Center. You will choose what question you would like to research but you will be required to use one or more of the following protocols: GLOBE Observer [land cover](#), GLOBE Observer [tree height](#), water [temperature](#), [dissolved oxygen](#), [pH](#), and [conductivity](#). You will need to download the GLOBE Observer app, Vernier Graphical Analysis (GraphicalGW) app, and PASCO SPARKvue apps. Please complete the eTraining for these protocols. Additional materials to familiarize yourself with these protocols is also attached.
- Please prepare a song (to sing or teach), skit, dance, or other activity to share with the group during our cultural showcase campfire!
- Read through the rest of the email for more detailed information on what you will be doing while in Detroit and Howell, what to pack, expected weather and planning your transportation and lodging. If there are any remaining questions or any topics we forgot to cover in this email, please email [meetings@globe.gov](mailto:meetings@globe.gov) so we can answer your questions!

We are so excited to see you in Detroit!

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### What To Expect- Schedule

Please see the attached Student Agenda for your schedule during the meeting/ Additional details are provided below.

#### **Monday:**

On Monday, you will need to attend a prep meeting for the Student Experience. We will talk about safety and social media and start to get to know each other. This will be from 1:45-3:15 pm in Grand A and **ATTENDANCE IS REQUIRED**.

Later on Monday, you may be presenting a poster from 6:30-8:30 pm in Grand A. Poster set-up is from 4:00-4:30 pm.

If you plan to present a poster at this year's GLOBE Annual Meeting, please be sure to **submit your presentation online by 15 June** using the following form:  
[https://docs.google.com/forms/d/1Gglu\\_E7KOr6EHpBT2K\\_hwJlnzZbMpC9WQLBfA5Qgnus/edit](https://docs.google.com/forms/d/1Gglu_E7KOr6EHpBT2K_hwJlnzZbMpC9WQLBfA5Qgnus/edit)

Posters should be 4 ft by 3 ft (or about 120 cm wide by 90 cm tall), they should be made/printed at home and brought with you to the Annual Meeting. They will be hanging on a flat board with push pins holding them up.

#### **Tuesday and Wednesday:**

On Tuesday morning after breakfast, we will meet in the hotel lobby to board busses to go to Howell Nature Center. **The busses will leave at 8:30 am so make sure you are on the bus before then!**

You will be staying at [Howell Nature Center](#) from Tuesday morning to Thursday morning. Howell Nature Center (HNC) is an outdoor education and wildlife rehabilitation center located about an hour outside of Detroit. While you are there, you will work on a group research project using the GLOBE Observer [land cover](#), [tree height](#) and or water quality ([temperature](#), [dissolved oxygen](#), [pH](#), [conductivity](#)) protocols. You will need the GLOBE Observer app, Vernier Graphical Analysis (GraphicalGW) app, and PASCO SPARKvue apps downloaded if you plan on bringing a smartphone or tablet with you (more information on Technology below). You will also get to experience some of Howell's outdoor programming involving plants, animals, and a ropes course!

**Please come prepared to do the protocols by reviewing the attached slides. You can also complete the [eTraining](#) for the water protocols (temperature, DO, pH, electrical conductivity) and watch the [GLOBE Observer videos](#) for land cover and tree height. We will be using probes for the water protocols.**

During this time, you will be staying in lodges at Howell. Bed linens and meals will be provided. During your stay, you will be with pre-selected trained guides- your teachers and chaperones will NOT be joining for the student experience.

Be prepared for long, but fun-filled days at Howell! On Tuesday and Wednesday evenings we will have the pleasure of doing a night hike (Tuesday) and a campfire cultural evening (Wednesday). **For the campfire cultural evening - you are invited to prepare a song, story, skit, or dance to share with the group that represents the culture of your home town/country!** You may also want to teach a short song to the group. You can also work with other students from your country for your song/skit/dance. Time is limited so keep your act short (around 3 minutes). If everyone prepares something, it will truly be a very special night! Note that we will not have projectors or microphones.

#### **Thursday:**

We will leave for Detroit after breakfast. When you get back to the hotel on Thursday, you will have until 3:30pm to work on your group projects. If you finish your project early, you are encouraged to attend the Community Presentations. **From 3:30-5:30 pm, you will be presenting your findings from the student experience in a round-robin style presentation method.** With this, students stay at a table and present their research in timed intervals while the adults rotate amongst the student groups. This allows the students time to share their experience and answer questions from multiple groups of adult participants.

#### **What to Expect/What to Bring**

##### **Weather**

The weather in Detroit is typically around 80-90°F/25-35°C during the day and 60-70°F/15-25°C during the evening. July averages 8 days of rain and the air is typically very humid throughout the summer.

##### **Food**

You will have the following meals covered:

Breakfast: Monday-Thursday

Lunch: Monday-Thursday

Dinner: Tuesday-Thursday

Dinner is *not* provided on Monday

##### **Transportation**

Transportation to and from Howell is provided however **you and your chaperones are responsible for providing your own transportation to/from the airport and hotel.** Please arrange or plan transportation ahead of time. Ride shares (such as Uber and Lyft), taxis, rental

cars and public transportation are available from the airport. For more information please visit the [DTW Public Transportation website](#). The Crowne Plaza Detroit Downtown Riverfront is approximately a 20-minute drive from the airport. Please note if you choose to rent a car, **the hotel charges a daily parking fee**. Please contact the [Crowne Plaza](#) directly for more information on parking rates.

### **Lodging**

The GLOBE Annual Meeting will be held at the [The Crowne Plaza Detroit Downtown Riverfront](#). **We have a discounted room block available if you would like to stay at this hotel but the deadline to reserve a room on this block is 20 June.** Please make your reservations before 20 June to get the discounted rate. Go to [https://www.globe.gov/news-events/meetings\\_symposia/annual-meetings/23rd-annual-meeting/registration](https://www.globe.gov/news-events/meetings_symposia/annual-meetings/23rd-annual-meeting/registration) for more information.

Tuesday and Wednesday night you will be staying in lodges at Howell Nature Center. You do NOT need to bring linens or sleeping bags as these will be provided for you. **We suggest checking out of your hotel room Tuesday and Wednesday night.**

### **Clothing**

During the Annual Meeting events at the Crowne Plaza Hotel the dress code is business casual. This includes the poster presentations on Monday evening and the Student Experience Presentations on Thursday afternoon.

Dinner on Thursday is a formal banquet. We encourage attendees to dress in their regional attire or more fancy attire.

During the Student Experience at HNC, you will be outside and active for much of the day. Long, lightweight pants and long sleeve, lightweight shirts are encouraged for bug and sun protection. Sneakers or hiking boots (+ long socks) are the required footwear for the majority of activities and will be helpful when walking around the unpaved roads. We will still be outside if it rains so please plan accordingly by bringing a hat and rain clothes. Hats should also be considered for sun protection. At night, the temperature will drop so bring some warmer layers for the night hike and campfire.

There will be an opportunity to go swimming and kayaking while at HNC. Bring a swimsuit, water shoes, and a towel if you plan on getting in the water.

At night, you will be staying in cabins and split according to gender. You will be sharing a room. Appropriate sleepwear is needed. Please bring any other sleep aids that you require (ear plugs, eye mask, etc.).

For your stay at HNC, **you are encouraged to bring a smaller bag with just the clothes and items you need for the three days and two nights while you will be staying there.** If you

plan on leaving your larger suitcase back in Detroit, please arrange a plan with your chaperones. You may be checking out of your hotel room for those two nights and back in to the hotel when you return on Thursday. **Ask your chaperone if you can leave a suitcase in their room while you will be away.**

### **Technology**

During the student experience at Howell Nature Center, you will work in teams of 4-5 to create a project using GLOBE Data. You will spend some of your time at Howell forming your research question and collecting data. You will present your projects, as a group, during a round robin sharing session on **Thursday, 18 July from 3:30-5:00 pm**. There will be time to work on your projects on Thursday prior to your presentation. For data collection and your presentation you will need to have access to a laptop, tablet, or smartphone but every member in each group will need a device. **Please fill out this survey to help us assess which technology will be available to student groups during the Student Experience: <https://forms.gle/hp9vTLj6kZNE3FU1A>**  
**If you are planning on bringing a smartphone or tablet, please install the GLOBE Observer app.**

HNC and the Crowne Plaza will have US electrical outlets.

It is not recommended that you bring a hair dryer with you on your trip. Hair dryers are available during your stay at Crowne Plaza.

### **Release Forms**

**You will be sent a Student Release Form. Please have this form filled out and signed by a parent or guardian by July 1st. .**

The personal data (including medical information) that you provide in the Agreement to Participate for MINORs is necessary for you to participate in the Student Experience at Howell Nature Center. Your personal information will be securely transferred to the Howell Nature Center, and will not be used by us for any other purpose. Once the personal data is no longer needed, it will be deleted from our systems. If you have any questions about UCAR's Privacy Policy, please visit <https://www.ucar.edu/privacy-policy>.

### **Additional Information**

- For more information about the Annual Meeting, including ideas on what to do during your free time and “What to Know about the Area”:  
[https://www.globe.gov/news-events/meetings\\_symposia/annual-meetings/23rd-annual-meeting/registration](https://www.globe.gov/news-events/meetings_symposia/annual-meetings/23rd-annual-meeting/registration)
- Add to or follow along on all social media posts with #GLOBE23
- The currency is US dollars (\$).

- Remember to bring any medication with you to Detroit and Howell.
- Email [meetings@globe.gov](mailto:meetings@globe.gov) with questions