

Welcome to

the ARTÉMIS PROJECT 2015

at Boston University

Meet the Coordinators! -- Abi Hertz



- From Stoneham, MA
- Rising senior at BU
- Major: Computer Science
- I studied abroad in New Zealand this past year
- I really enjoy dancing, singing, hiking, cooking, and eating sweets
- My favorite animals are elephants and kangaroos!

History of the Artemis Program

- The Artemis Project was founded in 1996 at Brown University
- Artemis expanded to Boston University in 2011
- This is the fifth year of Artemis at BU
- The mission of the Artemis Project is for young women to learn about computer science and engineering by:
 - Engaging in hands-on activities, programming, and learning theory based concepts
 - Interacting with female role models who are also passionate about their research and careers
 - Having fun learning with peers who share their same interests



A Typical Day

9:00 – 9:20	<ul style="list-style-type: none">• Arrive to camp at 9:00 (on Babbitt Street)• Warm up / brain teaser
9:20 – 10:30	<ul style="list-style-type: none">• First Computer Lab Period
10:30 – 10:45	<ul style="list-style-type: none">• Snack Break
10:45 – 11:50	<ul style="list-style-type: none">• Second Computer Lab Period
11:50 – 1:00	<ul style="list-style-type: none">• Lunch Break (at the George Sherman Union Building)
1:00 – 2:00	<ul style="list-style-type: none">• Theory Lesson
2:00 – 2:45	<ul style="list-style-type: none">• Speaker / Theory Lesson
2:45 – 3:00	<ul style="list-style-type: none">• Wrap Up• Pick Up at 3:00

Topics You Will Learn

Morning Lessons

- Scratch
- App Inventor
- HTML
- CSS
- Python
- Robotics
- Arduinos



Afternoon Lessons

- Programming Fundamentals
- Careers in Computer Science
- Cryptography
- Artificial Intelligence
- Binary
- Algorithms
- Graph Theory
- Set Theory

Meet the Coordinators! -- Alexandra Nero



- From Chicago, IL
- Rising Junior at BU
- Major: Biomedical Engineering and Computer Engineering
- I have a horse named Cloud
- I enjoy playing video games (Skyrim), programming, eating chocolate and exploring Boston
- I love cats and dogs

Guest Speakers

One of the goals of Artemis is to provide girls with female role models!



- These speakers include BU professors and CS professionals working in the industry.
- They help coordinators with teaching topics as well as show real world applications.
- We will hear about their research and learn about some cutting edge discoveries in CS!
- Speakers show breadth of CS and Engineering.

What's for Lunch?

Each student will get **\$8.00** in dining points on a **terrier card**

Places to Go:

- Rhett's (diner food, grill, Richardson's ice-cream)
- Panda Express (Chinese food)
- Loose Leafs (salad)
- Charles River Bread Company (sandwiches)
- You can also bring a bagged lunch; there is a microwave in the GSU



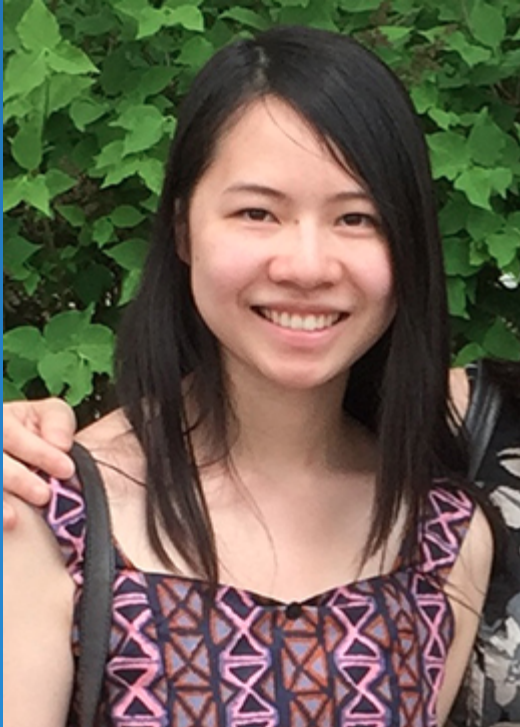
Friday Field Trips!

In the past we have gone to...

- BU FitRec for Rock Climbing
- Google
- Microsoft
- IBM
- MIT Museum and Workshop
- Field Day



Meet the Coordinators! -- Christine Low



- From Brooklyn, NY
- Rising Junior at BU
- Major: Computer Engineering
- Movie, Music, and Comic Book Enthusiast
- Started engineering in freshman year of high school
- Self taught programming languages and computer programs (i.e HTML, XML, Java, Photoshop)

Final Presentations

At the end of the program, students will present a topic they learned about at Artemis. This offers a chance for the young women to show you what they have learned, but also cultivate real-life career skills!



What: Presentation and Reception

Where: Photonics 9th Floor

Colloquium

When: August 6th, 3:00 - 5:30 pm

Who: Families and Friends are invited!

Conduct

- Students may only visit websites relevant to the Artemis curriculum (no Facebook, Twitter, Tumblr, Blogs, etc...unless we are programming it 😊)
- Cell phones must be put away and turned off unless for emergencies, or during breaks
- Keep the lab clean! Food is not allowed in the lab. Water bottles must have a safety cap.
- We expect students to treat their peers, the coordinators, and guest speakers with respect. **We have a zero tolerance policy for bullying.**

Conduct cont.

- We expect students to be attentive and respectful at all times, **especially on field trips and when we have guest speakers**. You are representing Artemis and Boston University, and we want to make a good impression.
- If a student will be absent, please give advance notice if possible! If you are late due to unforeseen circumstances, please call us at the Artemis number as soon as possible.

Meet the Coordinators! -- Urvashi Mohnani



- From Accra, Ghana
- Rising Junior at BU
- Major: Electrical Engineering and Computer Engineering
- I have visited about 15 countries
- I enjoy reading, watching movies and travelling
- I love puppies

Special Notes to Parents

- Parents may call the coordinators during regular program hours in case of emergency. *Please do not call/text your daughter directly during program hours as her phone will be switched off!*
- During the program, you can contact us and we will give your daughter a message:
 - o artemis@bu.edu
 - o (617) 528-0985
- You have indicated on the transportation form how you wish for your daughter to get home from Artemis, we will be sure to follow your wishes
- Public Transit: Green B Train to BU Central; Bus: 57, stop: St. Mary's

General Tips

- o Wear comfortable clothing (sneakers, etc.) and bring a water bottle. We will be doing outdoor activities!
- o Bring a sweater or a sweatshirt. The building is air conditioned.
- o Come with an open mind ready to learn, have fun and meet new friends!



LEGO MINDSTORMS

Questions?

Contact Info:
artemis@bu.edu
(617) 528-0985