

# CUNY-High School Initiative in Remote Sensing of the Earth Systems Science and Engineering (HIRES) Orientation

The City College of the City University of New York

June 30-July 6, 2016

## Orientation Week - Agenda

June 30, 2016

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|------------------------|---|
| 9:00 - 9:30 AM         | Arrive and Welcome and introductions (Steinman Hall T124)   |
| 9:30 - 10:00 AM        | Pre-survey and distribution of MTA Monthly Pass (Steinman Hall T124)  |
| 10:00 – 10:30 AM       | CREST and HIRES Program (Steinman Hall T124)<br><b>Shakila Merchant, NOAA CREST Assistant Director</b>  |
| 10:30 - 10:45 AM       | CREST HIRES Internship Paperwork (Steinman Hall T124)<br><b>Sanchia Peterson, NOAA CREST Administrative Assistant</b>   |
| 10:45 – 11:00 AM       | Break   |
| 11:00 - 11:30 PM       | CUNYfirst training and blackboard training (GIS Lab)<br><b>Sophia Bogues, Early College School Liaison</b>  |
| 11:30 – 12:00 PM       | Lunch (provided) (Steinman Hall – Pizza)  |
| <b>12:00 - 2:00 PM</b> | How to think like a computer scientist (GIS Lab)<br><b>Hannah Aizenman, Graduate Student</b>  |
| 02:15 – 3:00 PM        | Research talks – <b>15 minutes each including Q&amp;A</b> (Steinman Hall T124) <ul style="list-style-type: none"><li>• <b>Reza Khanbilvardi NOAA-CREST Director, Civil Engineering (Saman)</b></li><li>• <b>Maria Tzortziou, Associate Professor, Earth and Atmospheric Science (Brian Lamb)</b></li><li>• <b>Jimmy Booth, Assistant Professor, Earth and Atmospheric Science</b></li></ul>   |
| 3:30 - 4:45 PM         | Research talks – <b>15 minutes each including Q&amp;A</b> (Steinman Hall T124) <ul style="list-style-type: none"><li>• <b>Fred Moshary, NOAA CREST Deputy Director, Electrical Engineering</b></li><li>• <b>Nir Krakauer, Associate Professor, Civil Engineering (Behzad)</b></li><li>• <b>Prathap Ramamurthy, Assistant Professor, Mechanical Engineering</b></li><li>• <b>Alex Gilerson, Professor, Electrical Engineering</b></li><li>• <b>Tarendra Lakhankar, NOAA-CREST Research Scientist</b></li></ul> |

## July 1, 2016

- 9:30 AM -10:00AM HIRE Program Instruction and Schedule  
**Shakila Merchant**
- 10:00 AM-10:30 AM Fostering a better Mentor-Mentee Relationship  
**Shakila Merchant**
- 10:30 to 12:00N Research talks – **15 minutes each including Q&A** (Steinman Hall T105)
- **Jose Pillich, Research Assistant, NOAA CREST**
  - **Simon Kraatz, Research Assistant, NOAA CREST**
  - **Yoribaldis, Graduate Student, NOAA CREST**
  - **Luis Ortiz, Research Assistant, NOAA CREST**
  - **Moises Angeles, Postdoctoral Fellow, NOAA CREST**
  - **Paul Alabi, Data Mining Manager, NOAA CREST**
- 12:00 - 1:00 PM Lunch (School Meals @AP Randolph HS)
- 1:00 – 3:00 PM **Statistical Analysis Boot Camp- Part I** (Steinman Hall T105)  
**Hannah Aizenman, Graduate Student**
- 3:00 – 3:45 PM Research talks – **15 minutes each including Q&A** (Steinman Hall T105)
- **Naresh Devineni, Assistant Professor, Civil Engineering**
  - **Michael Grossberg, Associate Professor, Computer Science**
  - **Brian Vant Hull, CREST Research Scientist**
- 3:45 –4:45 PM** **Satellite Receiving Station (Steinman 513) Research talk, Paul Alabi, Satellite Receiving Station Manager, NAC Roof**

## July 5, 2016

- 9:30 AM -12:00N **Statistical Analysis Boot Camp- Part 2** (Steinman Hall T 105)  
**Naresh Devineni, Assistant Professor of Civil Engineering**
- 12:00 - 1:00 PM Lunch (School Meals @AP Randolph HS)
- 1:00 PM- 1:30 PM Research Talk – **15 minutes each including Q&A** (Steinman Hall T105)
- **Kyle McDonald, Andrea Gomez**
  - **Kyle McDonald, Jessika Alvarez**
- 1:30 – 4:30 PM** **Introduction to Remote Sensing and hands-on activities (Steinman Hall T105 and Steinman lobby) (Brian Vant-Hull, Research Scientist)**
- 4:30 – 5:00 PM Research Project Assignments and Lab Placement (Steinman Hall T105)  
Recap and Q&A

## July 6, 2016

- 9:30 AM Return Research Project Assignments and Lab Placement Forms (T105)

- 10:00AM -12:00N**      **STEAM IRONDALE Activity (T105 and lobby)**
- 12:00 - 1:00 PM**      **Lunch (Meals @AP Randolph HS)**
- 1:00 – 3:00 PM**      **CCNY campus tour (Wille Administration Building, 1st Floor)**
- 3:00 – 5:00 PM**      **Meet your advisors/mentors and visit your labs**