

## ODU BLAST 2018 STUDENT SCHEDULE

<b>DAY 1 – Sunday, June 17</b>	
3:00 - 4:00	<b>Check-In: Students arrive and check-in at France House lobby.</b> Teacher-Chaperones meet, greet, and assist students with locating rooms
4:00 - 5:15	Teacher-Chaperone Meeting with Assigned 10 Students: Welcome; Pre-VSGC Survey
5:15 - 6:15	Dinner: Broderick Dining Hall
6:30 - 7:15	<b>Welcome &amp; Orientation, North/Central Cafeteria, Webb Center</b> <ul style="list-style-type: none"> <li>• Welcome and Introduction, Dr. Cynthia Tomovic, Director ODU BLAST, Professor, STEM Education and Professional Studies <ul style="list-style-type: none"> <li>○ Welcome from Ms. Joyce Kuberek, BLAST Administrator, VSGC</li> <li>○ Welcome from Dr. Brian Payne, Vice Provost, Academic Affairs, ODU</li> </ul> </li> <li>• Welcome and Introduction of "Four Tops" Panel, Dr. Cynthia Tomovic <ul style="list-style-type: none"> <li>○ Mr. Ted Alexander, Voice of ODU Monarchs, Host</li> <li>○ Dr. Austin Agho, Provost, Old Dominion University</li> <li>○ Dr. Jane Bray, Dean, College of Education</li> <li>○ Dr. Gail Dodge, Dean, College of Science</li> <li>○ Dr. Stephanie Adams, Dean, College of Engineering and Technology</li> </ul> </li> <li>• Introduction of Workshop Faculty <ul style="list-style-type: none"> <li>○ Batten College of Engineering and Technology <ul style="list-style-type: none"> <li>• Dr. Vukica Jovanovic, Co-Director ODU BLAST, Engineering Technology</li> <li>• Dr. Erten-Unal, Civil and Environmental Engineering</li> </ul> </li> <li>○ College of Sciences <ul style="list-style-type: none"> <li>• Dr. Balsa Terzic, Physics</li> <li>• Mr. George McLeod, Assistant Director Geospatial &amp; Visual Systems, Ocean, Earth, and Atmospheric Sciences</li> </ul> </li> </ul> </li> </ul>
7:15-8:30	<b>CLIMATE CHANGE: What? Why? How?</b> <ul style="list-style-type: none"> <li>• <i>Climate Change: What is it? Why is it important? How can we build resilience to it?</i> The what, why, and how of climate change and sea level rise are introduced. Dr. Michelle Covi, Assistant Professor, Ocean, Earth, and Atmospheric Sciences College of Science; Dr. Michal Allen, Assistant Professor, Political Science and Geography; Professor Carol Considine, Assistant Dean, College of Engineering and Engineering Technology</li> </ul>
8:30 - 10:00	<ul style="list-style-type: none"> <li>• <i>Communicating and Developing Leadership to Build Community Resilience to Climate Change and Sea Level Rise:</i> <ul style="list-style-type: none"> <li>○ "Art" of Communicating Climate Change and Sea Level Rise. Professor Alison Stinely, Assistant Professor of Art, College of Arts and Letters</li> <li>○ Community Leadership. Dr. Cynthia Tomovic</li> </ul> </li> </ul>
10:00	In Dorms

## ODU BLAST 2018 STUDENT SCHEDULE

<b>DAY 2 – Monday, June 18</b>	
7:00 - 8:15	Breakfast: Broderick Dining Hall
8:30 - 11:30	<b>STEM Concurrent Workshops</b> <ul style="list-style-type: none"> <li>• <i>Our Home Planet and Its Place in the Cosmos</i>, OCNPS 142, Dr. Balsa Terzic, Assistant Professor, Physics, College of Sciences</li> <li>• <i>Water Water Everywhere and No Place to Go</i>, ESB 1113, Dr. Mujde Erten-Unal, Chair, Civil and Environmental Engineering, College of Engineering and Technology</li> <li>• <i>Robots in Hazardous Environments</i>, ESB 1125, Dr. Vukica Jovanovic, Associate Professor, Mechanical Engineering Technology, College of Engineering and Technology</li> <li>• <i>Satellites, Lasers, and Drones: From Sci-Fi to Studying the Impacts of Climate Change and Sea Level Rise</i>, MGB 342, Mr. George McLeod, Director, Information Technology Services, Ocean, Earth, and Atmospheric Sciences, College of Sciences</li> </ul>
11:45 - 12:45	Lunch: Broderick Dining Hall
1:00 - 4:00	<b>STEM Concurrent Workshops</b> <ul style="list-style-type: none"> <li>• <i>Our Home Planet and Its Place in the Cosmos</i>, OCNPS 142, Dr. Balsa Terzic, Assistant Professor, Physics, College of Sciences</li> <li>• <i>Water Water Everywhere and No Place to Go</i>, ESB 1113, Dr. Mujde Erten-Unal, Chair, Civil and Environmental Engineering, College of Engineering and Technology</li> <li>• <i>Robots in Hazardous Environments</i>, ESB 1125, Dr. Vukica Jovanovic, Associate Professor, Mechanical Engineering Technology, College of Engineering and Technology</li> <li>• <i>Satellites, Lasers, and Drones: From Sci-Fi to Studying the Impacts of Climate Change and Sea Level Rise</i>, MGB 342, Mr. George McLeod, Director, Information Technology Services; Ocean, Earth, and Atmospheric Sciences, College of Sciences</li> </ul>
4:15 - 5:15	ODU Campus Tour, Future Monarchs Presentation Room, Webb Center
5:15	<b>Picture at outside Center Stairs, Webb Center</b>
5:30 - 6:45	Dinner: Broderick Dining Hall
7:00 - 7:15 7:15 - 9:00	<b><i>The Magic of SCIENCE/STEM, OCPNS 200</i></b> <i>The magic of STEM is explored in this fun-filled session!</i> <ul style="list-style-type: none"> <li>• Welcome - Dr. Gail Dodge, Dean, College of Sciences</li> <li>• ODU's Planetarium Director, Justin Mason; Dr. Petros Katsioloudis, Industrial Technology, Dr. James Blando, Environmental Health</li> </ul>
9:15	In Dorm

## ODU BLAST 2018 STUDENT SCHEDULE

### **DAY 3 – Tuesday, June 19**

7:00 - 8:15	Breakfast: Broderick Dining Hall
8:30 - 11:30	<b>STEM Concurrent Workshops</b> <ul style="list-style-type: none"> <li>• <i>Our Home Planet and Its Place in the Cosmos</i>, OCNPS 142, Dr. Balsa Terzic, Assistant Professor, Physics, College of Sciences</li> <li>• <i>Water Water Everywhere and No Place to Go</i>, ESB 1113, Dr. Mujde Erten-Unal, Chair, Civil and Environmental Engineering, College of Engineering and Technology</li> <li>• <i>Robots in Hazardous Environments</i>, ESB 1125, Dr. Vukica Jovanovic, Associate Professor, Mechanical Engineering Technology, College of Engineering and Technology</li> <li>• <i>Satellites, Lasers, and Drones: From Sci-Fi to Studying the Impacts of Climate Change and Sea Level Rise</i>, MGB 342, Mr. George McLeod, Director, Information Technology Services; Ocean, Earth, and Atmospheric Sciences, College of Sciences</li> </ul>
11:45 - 12:45	Lunch: Broderick Dining Hall
1:00 - 4:00	<b>STEM Concurrent Workshops</b> <ul style="list-style-type: none"> <li>• <i>Our Home Planet and Its Place in the Cosmos</i>, OCNPS 142, Dr. Balsa Terzic, Assistant Professor, Physics, College of Sciences</li> <li>• <i>Water Water Everywhere and No Place to Go</i>, ESB 1113, Dr. Mujde Erten-Unal, Chair, Civil and Environmental Engineering, College of Engineering and Technology</li> <li>• <i>Robots in Hazardous Environments</i>, ESB 1125, Dr. Vukica Jovanovic, Associate Professor, Mechanical Engineering Technology, College of Engineering and Technology</li> <li>• <i>Satellites, Lasers, and Drones: From Sci-Fi to Studying the Impacts of Climate Change and Sea Level Rise</i>, MGB 342, Mr. George McLeod, Director, Department of Information Technology Services; Ocean, Earth, and Atmospheric Sciences, College of Sciences</li> </ul>
4:15 - 5:30	<b>Impact of Climate Change on Transportation - Introduction to Drones to the Rescue!, Chesapeake/Portsmouth/Virginia Beach Rooms, Webb Center</b> <ul style="list-style-type: none"> <li>• Dr. Wie Yusf, Associate Professor, Policy and Public Service, College of Business</li> </ul>
5:30 - 6:15	Dinner: Broderick Dining Hall
6:30 - 6:40 6:45 - 7:45  Group 1 7:45 - 8:45 Group 2 8:45-9:45	<b>Drones to the Rescue!!! G1000, Student Recreation Center</b> Using drones as a way to combat the impacts of climate change on transportation are explored. <ul style="list-style-type: none"> <li>• Welcome - Dr. Stephanie Adams, College of Engineering and Technology</li> <li>• <i>Building Drones</i>, Dr. Thomas Alberts, Department of Mechanical and Aerospace Engineering, College of Engineering and Technology, and the ODU Drone Club</li> </ul> <b>Students will be divided into Group 1 and Group 2 (40 students each). While Group 1 flies drones, Group 2 will participate in an interactive ODU BLAST assessment, and then switch.</b> <ul style="list-style-type: none"> <li>• <i>Flying Drones</i>, Dr. Thomas Alberts and the ODU Drone Club.</li> <li>• <i>So What Did you Learn?</i> Dr. Michelle Covi, Assistant Professor, Ocean, Earth, and Atmospheric Sciences, College of Sciences</li> </ul>
10 pm	In Dorms: Post VSGC Survey

## ODU BLAST 2018 STUDENT SCHEDULE

### ***DAY 4 – Wednesday Morning, June 20***

7:30 - 8:30	Breakfast: Broderick Dining Hall <i>Presentation of Certificate of Completion</i> <ul style="list-style-type: none"><li>• Teacher-chaperones</li></ul>
8:30-9:30	<b><i>Check-Out: France House lobby</i></b> <ul style="list-style-type: none"><li>• <i>Pack-up, clean-up, check out, depart</i></li></ul>