# American Physical Society
## Conference for Undergraduate Women in Physics at TAMU-CC 2019
### January 18-20, 2019
### Corpus Christi, TX

**AGENDA**

### Friday, January 18, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>03:30 – 05:30pm</td>
<td>Check-in</td>
<td>University Center, Anchor Ballroom</td>
</tr>
<tr>
<td>03:30 – 05:30pm</td>
<td>Optional Lab Tours (campus/research labs/research centers)</td>
<td>University Center, Anchor Ballroom</td>
</tr>
<tr>
<td>06:00 – 06:15pm</td>
<td>Welcome and Opening Remarks</td>
<td>Dr. Kelly Nash (UTSA) Dr. Barbara Szczerbinska (TAMUCC)</td>
</tr>
<tr>
<td>06:00 – 06:15pm</td>
<td>Dinner</td>
<td>University Center, Anchor Ballroom C&amp;D</td>
</tr>
</tbody>
</table>

Starting at 08:30pm (first bus) and 8:45pm (second bus), two CCRTA buses will be picking up participants from TAMU-CC, University Center building and bringing back to the Omni hotel. Buses will continue operating until everyone is picked up.

### Saturday, January 19, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>06:00 – 07:45am</td>
<td>Breakfast</td>
<td>Omni Hotel Bayview Ballroom (Lobby Level)</td>
</tr>
</tbody>
</table>

Starting at 07:00am (first bus) and 07:15am (second bus), two CCRTA buses will be picking up participant from the Omni hotel and bringing them to TAMU-CC campus, University Center. Buses will continue operating until everyone is picked up.

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>08:30 – 08:50am</td>
<td>Opening Remarks</td>
<td>Dr. Clarenda Phillips (Provost, TAMUCC) Dr. Kelly Nash (UTSA) Dr. Barbara Szczerbinska (TAMUCC)</td>
</tr>
<tr>
<td>Time</td>
<td>Activity</td>
<td>Speaker/Details</td>
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<tr>
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<td>----------------------------------------------------</td>
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</tr>
<tr>
<td>08:50 – 09:35am</td>
<td>Earth to Space and Back Again</td>
<td>Dr. Niescja E. Turner, Zilker Professor of Physics, Trinity University</td>
</tr>
<tr>
<td>09:35 – 09:45am</td>
<td>Transition time between sessions</td>
<td></td>
</tr>
<tr>
<td>09:45 – 10:30am</td>
<td>Parallel Sessions I</td>
<td></td>
</tr>
<tr>
<td>10:30 – 11:00am</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>11:00 – 11:45am</td>
<td>Parallel Sessions II</td>
<td></td>
</tr>
<tr>
<td>11:45 – 12:00pm</td>
<td>Transition time from Bay Hall to University Center</td>
<td></td>
</tr>
<tr>
<td>12:00 – 12:45pm</td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td>12:45 – 01:00pm</td>
<td>Transition time from University Center to Bay Hall</td>
<td></td>
</tr>
<tr>
<td><strong>01:00 – 02:30pm</strong></td>
<td>National Keynote Speaker</td>
<td>Dr. Fabiola Gianotti, Director-General of CERN, the European Organization for Nuclear Research</td>
</tr>
<tr>
<td>02:30 – 02:45pm</td>
<td>Photo</td>
<td></td>
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<tr>
<td>02:45 – 03:15pm</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>03:15 – 04:00pm</td>
<td>Parallel Sessions III</td>
<td></td>
</tr>
<tr>
<td>04:00 – 06:00pm</td>
<td>Student Poster Sessions</td>
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<tr>
<td>06:00 – 06:15pm</td>
<td>Transition time from Bay Hall to University Center</td>
<td></td>
</tr>
<tr>
<td>06:15 – 07:00pm</td>
<td>Dinner</td>
<td></td>
</tr>
<tr>
<td><strong>07:15 – 08:30pm</strong></td>
<td>Einstein, gravitational waves, black holes and other matters</td>
<td>Dr. Gabriela González, Professor, Physics and Astronomy, Louisiana State University</td>
</tr>
<tr>
<td>08:30 – 09:15pm</td>
<td>Moongazing (weather permitting)</td>
<td></td>
</tr>
</tbody>
</table>

Starting at 08:30pm (first bus) and 8:45pm (second bus), two CCRTA buses will be picking up participants from TAMU-CC, University Center building and bringing back to the Omni hotel. Buses will continue operating until everyone is picked up.

**Sunday, January 20, 2019**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>06:00 – 07:45am</td>
<td>Breakfast</td>
<td>Omni Hotel Bayview Ballroom (Lobby Level)</td>
</tr>
<tr>
<td>07:15 – 07:30am</td>
<td>Moongazing (weather permitting)</td>
<td></td>
</tr>
<tr>
<td><strong>08:50 – 09:35am</strong></td>
<td>Parallel Sessions IV</td>
<td>Bay Hall</td>
</tr>
<tr>
<td>09:35 – 09:45am</td>
<td>Transition time between sessions</td>
<td>Bay Hall</td>
</tr>
<tr>
<td>09:45 – 10:30am</td>
<td>Parallel Sessions V</td>
<td>Bay Hall</td>
</tr>
<tr>
<td>10:30 – 11:00am</td>
<td>Break</td>
<td>Bay Hall</td>
</tr>
<tr>
<td>11:00 – 11:45am</td>
<td>Parallel Sessions V</td>
<td>Bay Hall</td>
</tr>
<tr>
<td>11:45 – 12:00pm</td>
<td>Transition time from Bay Hall to University Center</td>
<td></td>
</tr>
</tbody>
</table>

Starting at 07:15am (first bus) and 07:30am (second bus), two CCRTA buses will be picking up participant from the Omni hotel and bringing them to TAMU-CC campus, University Center. Buses will continue operating until everyone is picked up.
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<thead>
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<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>12:00 – 12:45pm</td>
<td>Lunch</td>
<td>University Center, Anchor Ballroom C&amp;D</td>
</tr>
<tr>
<td>12:45 – 01:00pm</td>
<td>Transition time from University Center to Bay Hall</td>
<td></td>
</tr>
<tr>
<td>01:00 – 01:45pm</td>
<td>STEP4Women workshop</td>
<td>Dr. Kelly Nash (UTSA)</td>
</tr>
<tr>
<td>01:45 – 02:30pm</td>
<td>Awards/Closing remarks/Surveys</td>
<td>University Center, Anchor Ballroom C&amp;D</td>
</tr>
</tbody>
</table>

Starting at 02:30pm (first bus) and 2:45pm (second bus), two CCRTA buses will be picking up participants from TAMU-CC, University Center building and bringing back to the Omni hotel. Buses will continue operating until everyone is picked up.

**Lab Tours**

**Friday, January 18th, 2019 – 03:30-05:45PM**

Departure location: University Center, Anchor Ballroom C&D – registration area

Time: The tours will be leaving University Center at 3:30pm, 4:15pm and 5:00pm. Each tour will last 45min total – you can participate in three tours if starting the tours at 3:30pm.

**List of available tours:**

1) Joe Hill – Atmospheric Science Lab (EN 400)
2) Darek Bogucki – Marine Sensing and Simulations Lab (HRI 127)
3) Riccardo Mozzachiodi – Behavioral Neurophysiology Lab (CS 119B, in the CS loading dock)
4) Philippe Tissot – Unmanned Aerial Systems Lab (3400) and Gamma ray spectrometer (NRC1112)
5) Xinping Hu – Carbon Cycle Lab (Science Lab #2, Room 107)
6) Donna Devlin – tour of the mangrove saltmarsh community
7) Don Melrose – Biomechanics Lab (IH 142) and Sport Performance Lab (IH 146)
8) Ruby Mehrubeoglu – Digital Data Processing Laboratory: Eye-Tracking System (EN 213) – only 3:30pm and 4:15pm tours
9) Rene Zamora – Campus tours (meeting at UC, Anchor Ballroom C&D - registration area) – 45 min tours leaving at 3:30pm, 3:50pm and 4:10pm
Parallel sessions
Saturday, January 19th, 2019

09:45 – 10:30am Parallel Sessions I (Bay Hall building)

Session A (Room: BH 103) – Undergraduate Research Opportunities: what, when, how?
Panelists: Tracy Becker (SwRI), Leigh Griffith (SwRI), Anthony Magaro (SwRI), Dr. Kelly Nash (UTSA), Sarah Morgeson (Bell Flight), Ally Stanton (United States Bowling Congress)
Moderator: Dr. Feri Billiot

Session B (Room: BH 104) – But are you REALLY Communicating your Research???
Speaker: Dr. Don Luna (TAMUCC)
Moderator: Dr. Jeff Spirko

Session C (Room: BH 205) – Strengths Quest
Speaker: Rosie Ruiz (TAMUCC)
Moderator: Sabrina Krueger

Session D (Room: BH 206) – Careers in Academia
Panelists: Dr. Beth Thacker (TTU), Dr. Cathy Clewett (WTAMU), Cherrie Ann Nelson (TAMUK), Laura Earley (IWACC)
Moderator: Galina Reid

Session E (Room: BH 207) – How to Write a Successful CV/Resume/Letter of Interest
Speaker: Dr. Leslie Mills (TAMUCC)
Moderator: Dr. Ruby Mehrubeoglu

11:00 – 11:45am Parallel Sessions II (Bay Hall building)

Session A (Room: BH 103) – Bias and Gender Issues
Speaker: Dr. Niescja E. Turner (Trinity)
Moderator: Dr. Feri Billiot

Session B (Room: BH 104) – But are you REALLY communicating your research???
Speaker: Dr. Don Luna (TAMUCC)
Moderator: Dr. Jeff Spirko

Session C (Room: BH 205) – Applying to Grad School
Panelists: Maggie Cano (TAMUCC), Mojgan Dehghani (UTRGV), Dr. Kurt Retherford (SwRI), Lizeth Magaña (SwRI)
Moderator: Sabrina Krueger

Session D (Room: BH 206) – How to Write a Successful CV/Resume/Letter of Interest
Speaker: Dr. Leslie Mills (TAMUCC)
Moderator: Galina Reid

Session E (Room: BH 207) – How to Prepare for the Interview
Speaker: Dr. Stefani Schomaker (TAMUCC)
Moderator: Dr. Ruby Mehrubeoglu

03:15 – 04:00pm Parallel Sessions III (Bay Hall building)

Session A (Room: BH 103) – Imposter Syndrome
Panelists: Dr. Amy Aldridge Sanford (TAMUCC), Dr. Tracy Becker (SwRI), Dr. Amanda Bayless (SwRI)
Moderator: Dr. Feri Billiot

Session B (Room: BH 104) – Careers Outside of Academia
Panelists: Sarah Morgeson (Bell Flight), Dr. Kurt Retherford (SwRI), Ally Stanton (United States Bowling Congress), Melissa Ward (Jacobs), Dr. Wendi Williams (South Texas College), Brooke Robbins (Cheniere)
Moderator: Dr. Jeff Spirko
Session C (Room: BH 205) - Strengths Quest
Speaker: Rosie Ruiz (TAMUCC)
Moderator: Sabrina Krueger

Session D (Room: BH 206) – How to Prepare for the Interview
Speaker: Dr. Stefani Schomaker (TAMUCC)
Moderator: Galina Reid

Session E (Room: BH 207) - Life in Grad School
Panelists: Mojgan Dehghani (UTRGV), Lizeth Magana (SwRI), Dr. Brian Zook (SwRI)
Moderator: Dr. Ruby Mehrubeoglu

Sunday, January 20th, 2019

08:45 – 09:30am Parallel Sessions IV (Bay Hall building)

Session A (Room: BH 103) – Imposter Syndrome
Panelists: Dr. Amy Aldridge Sanford (TAMUCC), Dr. Tracy Becker (SwRI), Dr. Amanda Bayless (SwRI)
Moderator: Dr. Feri Billiot

Session B (Room: BH 104) – Interdisciplinary Connections
Panelists: Dr. Kurt Retherford (SwRI), Dr. Brian Zook (SwRI), Dr. Heather Cowardin (Jacobs), Dr. Elizabeth Sooby Wood (UTSA), Dr. Wendi Williams (South Texas College)
Moderator: Dr. Jeff Spirko

Session C (Room: BH 205) – Bias and Gender Issues
Speaker: Dr. Niescia E. Turner (Trinity)
Moderator: Sabrina Krueger

Session D (Room: BH 206) – Importance of Staying Involved – Campus and Community
Speaker: Delaney Foster (TAMUCC)
Moderator: Galina Reid

Session E (Room: BH 207) – Undergraduate Research Opportunities: what, when, how?
Panelists: Leigh Griffith (SwRI), Anthony Magaro (SwRI), Dr. Kelly Nash (UTSA), Sarah Morgeson (Bell Flight), Ally Stanton (United States Bowling Congress)
Moderator: Dr. Mario Garcia

09:45 – 10:30am Parallel Sessions V (Bay Hall building)

Session A (Room: BH 103) – Women in Leadership
Panelists: Dr. Amy Aldridge Sanford (TAMUCC), Dr. Amanda Bayless (SwRI), Dr. Heather Cowardin (Jacobs), Dr. Elizabeth Sooby Wood (UTSA)
Moderator: Dr. Feri Billiot

Session B (Room: BH 104) – Transferring to a Four-year College
Panelists: Rachel Lawson (TAMUCC), Sara King (Del Mar)
Moderator: Dr. Jeff Spirko

Session C (Room: BH 205) – Careers Outside of Academia
Panelists: Anthony Magaro (SwRI), Sarah Morgeson (Bell Flight), Ally Stanton (United States Bowling Congress), Melissa Ward (Jacobs), Dr. Brian Zook (SwRI), Dr. Wendi Williams (South Texas College), Brooke Robbins (Cheniere)

Session D (Room: BH 206) – Applying to Grad School
Panelists: Maggie Cano (TAMUCC), Mojgan Dehghani (UTRGV), Dr. Kurt Retherford (SwRI), Lizeth Magaña (SwRI)
Moderator: Galina Reid

Session E (Room: BH 207) – Essential Skills Acquired as Undergraduate Student
Speaker: Andrea Byrd (Workforce Solutions of the Costal Bend)
Moderator: Dr. Mario Garcia
11:00 – 11:45am Parallel Sessions VI (Bay Hall building)

Session A (Room: BH 103) – Women in Leadership
Panelists: Dr. Amy Aldridge Sanford (TAMUCC), Dr. Amanda Bayless (SwRI), Dr. Heather Cowardin (Jacobs), Dr. Elizabeth Sooby Wood (UTSA)
Moderator: Dr. Feri Billiot

Session B (Room: BH 104) – Undergraduate Research Opportunities: what, when, how?
Panelists: Tracy Becker (SwRI), Anthony Magaro (SwRI), Dr. Kelly Nash (UTSA), Sarah Morgeson (Bell Flight), Ally Stanton (United States Bowling Congress)
Moderator: Dr. Jeff Spirko

Session C (Room: BH 205) – Life in Grad School
Panelists: Mojgan Dehghani (UTRGV), Lizeth Magana (SwRI), Dr. Brian Zook (SwRI)
Moderator: Sabrina Krueger

Session D (Room: BH 206) – Essential Skills Acquired as Undergraduate Student
Speaker: Andrea Byrd (Workforce Solutions of the Coastal Bend)
Moderator: Galina Reid

Session E (Room: BH 207) – Careers in Academia
Panelists: Dr. Beth Thacker (TTU), Dr. Cathy Clewett (WTAMU), Cherrie Ann Nelson (TAMUK), Laura Earley (IWACC)
Moderator: Dr. Mario Garcia