# Modeling the Opioid Epidemic:
Insights and Potential Solutions from Computational Science Workshop

**University Club, Ballroom A,**
**123 University Place**
**Pittsburgh, PA 15260**

**Monday, October 2, 2017**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
<th>Speaker/Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 am-8:00 am</td>
<td>Registration and Continental Breakfast</td>
<td>Ballroom A First Floor</td>
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<tr>
<td>8:00 am-8:15 am</td>
<td>Welcome and Opening Remarks</td>
<td>Ballroom A</td>
<td>Donald S. Burke, University of Pittsburgh</td>
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<tr>
<td>8:15 am-9:00 am</td>
<td>Plenary Speaker</td>
<td>Ballroom A</td>
<td>Carlos Blanco, National Institute on Drug Abuse</td>
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| 9:00 am-10:30 am| WORKSHOP SESSION 1  
Representing the Opioid Epidemic: BIOLOGICAL SCALE  
Moderator:  
• Tim Lezon, University of Pittsburgh  
Speakers:  
• Ivet Bahar, University of Pittsburgh  
• Marta Filizola, Icahn School of Medicine at Mount Sinai  
• Shizhong Han, Johns Hopkins School of Medicine  
Discussants:  
• Andreas Pfenning, Carnegie Mellon University  
• D. Lansing Taylor, University of Pittsburgh  
• TBN  | Ballroom A                |                                                   |
| 10:30 am-10:45 am| Break                                                                 | Ballroom A                |                                                   |
| 10:45 am-11:30 am| Plenary Speaker                                                       | Ballroom A                | Sarah Bacon, Centers for Disease Control and Prevention |
| 11:30 am-12:00 pm| Lunch                                                                 | Ballroom A                |                                                   |
| 12:30 pm-2:00 pm| WORKSHOP SESSION 2  
Representing the Opioid Epidemic: HUMAN SCALE  
Moderator:  
• Mark Roberts, University of Pittsburgh  
Speakers:  
• Hawre Jalal, University of Pittsburgh  
• Carolina Barbosa, RTI  
• Sean Xie, University of Pittsburgh  
Discussants:  | Ballroom A                |                                                   |
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<tr>
<td>2:00 pm-2:15 pm</td>
<td>Break</td>
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| 2:15 pm-4:15 pm | WORKSHOP SESSION 3  
Representing the Opioid Epidemic: POPULATION SCALE  
Moderator:  
  - Jeanine Buchanich, University of Pittsburgh  
Speakers:  
  - Don Burke, University of Pittsburgh  
  - Margaret Brandeau, Stanford  
  - Titus Schleyer, Regenstrief Institute  
  - Georgiy Bobashev, RTI  
Discussants:  
  - Jonathan Caulkins, Carnegie Mellon University  
  - Julie Donohue, University of Pittsburgh  
  - TBN |
| 4:15 pm-5:00 pm | Wrap-Up and Next Steps                                               |