Who are we, 
and why are we here?

Tom Murphy
Director of Contra Costa College
High Performance Computing Center
## Schedule at a Glance

amazingly helpful and accurate

<table>
<thead>
<tr>
<th>Time</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 AM</td>
<td>Eat*</td>
<td>Eat*</td>
<td>Eat*</td>
<td>Eat*</td>
<td>Eat*</td>
<td>Eat*</td>
</tr>
<tr>
<td>8:30 AM</td>
<td>Work</td>
<td>Work</td>
<td>Work</td>
<td>Work</td>
<td>Work</td>
<td>Work</td>
</tr>
<tr>
<td>10:00 AM</td>
<td>Eat*</td>
<td>Eat*</td>
<td>Eat*</td>
<td>Eat*</td>
<td>Eat*</td>
<td>Eat*</td>
</tr>
<tr>
<td>10:30 AM</td>
<td>Work</td>
<td>Work</td>
<td>Work</td>
<td>Work</td>
<td>Work</td>
<td>Work</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>Eat*</td>
<td>Eat*</td>
<td>Shop</td>
<td>Eat*</td>
<td>Eat*</td>
<td>Home</td>
</tr>
<tr>
<td>1:30 PM</td>
<td>Work</td>
<td>Work</td>
<td>Shop</td>
<td>Work</td>
<td>Work</td>
<td>Work</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>Eat*</td>
<td>Eat*</td>
<td>Shop</td>
<td>Eat*</td>
<td>Eat*</td>
<td></td>
</tr>
<tr>
<td>3:30 PM</td>
<td>Work</td>
<td>Work</td>
<td>Shop</td>
<td>Work</td>
<td>Work</td>
<td></td>
</tr>
<tr>
<td>5:00 PM</td>
<td>Eat*</td>
<td>Eat*</td>
<td>Shop</td>
<td>Eat*</td>
<td>Eat*</td>
<td>*optional</td>
</tr>
<tr>
<td>7:00 PM</td>
<td>Work</td>
<td>Work</td>
<td>Shop</td>
<td>Work</td>
<td>Work</td>
<td></td>
</tr>
<tr>
<td>9:00 PM</td>
<td>Sleep*</td>
<td>Sleep*</td>
<td>Sleep*</td>
<td>Sleep*</td>
<td>Sleep*</td>
<td></td>
</tr>
</tbody>
</table>
What Makes Us Unique?

compared to all the other unique programs

- Year-round program
  - Summer workshops
    - Computational Biology
    - Computational Chemistry
    - Computational Engineering
    - Introduction to Computational Thinking
    - Computational Thinking in K-12 Classroom
    - Parallel and Distributed
  - EAPF (Educational Alliance for a Parallel Future)
    - LittleFe
    - BCCD

NCSI Introduction
U Oklahoma, July 29 - Aug 4 2012
Who We Are

- Unique mix of supporting projects and efforts
  - Shodor and the National Computational Science Institute
    - CSERD
  - Krell Institute
  - XSEDE (the association formally known as TeraGrid)
  - Edu-grid
  - EAPF (Educational Alliance for a Parallel Future)
- Instructors come from institutions across the United States
  - Assistant --> instructor model
Goals and Outcomes For Us

- Integrate HPC technologies into the curriculum that we teach.
- Build a community of Educators
- Be a “support system” for educators in search of relevant, effective teaching materials
- Reduce the “barrier to first use” often experienced with new HPC technologies.
Goals and Outcomes For You

- Adept
  - This is a hands on workshop

- Adapt
  - You will be presenting on Saturday

- Adopt
  - Academic exercise, unless you make it an academic exercise

- Addicted
  - We before you are past attendees
Evaluation

- Program
  - Program evaluation component measures progress toward integrating curriculum into the classroom.
  - This is where you come in
- Workshop evaluation is done daily.
  - We need you to fill out
    - the pre-workshop
    - the daily feedback
    - the post-workshop surveys.