Welcome to the Tenth
UVA Tapestry Workshop

YunJeong Chang
Aihua Chen
Leslie Cintron
Jim Cohoon
Luther Tychonievich
Welcome to the University of Virginia
Thanks for making this workshop possible
# Workshop Organizers

<table>
<thead>
<tr>
<th>Teresa Anderson</th>
<th>Kim Gregg</th>
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Absent Workshop Organizers

Deborah Kariuki
Mark Ruckstuhl
Joanne Cohoon
Who are we
Who are we
Locations

- Urban
- Suburban
- Rural
Status

Private

Public
# Introductory computing

Class size for introductory computing

<table>
<thead>
<tr>
<th>All students</th>
<th>Female Students</th>
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<tbody>
<tr>
<td>Minimum</td>
<td>1</td>
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<tr>
<td>Maximum</td>
<td>&gt; 100</td>
</tr>
<tr>
<td>Average</td>
<td>55</td>
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<tr>
<td>Mode</td>
<td>&gt; 100</td>
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Why Tapestry
Because promoting diversity is right thing to do

Build cool stuff.

Sell cool stuff.

Do cool stuff.

Access to meaningful, rewarding occupations
Purpose of the Workshop

• Share research-based and field-tested ways to
  – Attract more and diverse students into computing
  – Influence perceptions of computing’s importance and its opportunities
  – Better engage students in the excitement and rewards of computing
Why are we here?
Your Top 5 Hopes for the Workshop

1. **Pedagogy** that engages all types of students
2. Effective **recruiting** methods
3. Effective **curricula**
4. **Networking** with other teachers
5. **Reinforcement**
## Your hopes and our plans

<table>
<thead>
<tr>
<th>Pedagogy</th>
<th>Recruiting</th>
<th>Networking</th>
<th>Curricula</th>
<th>Persuasion</th>
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<tr>
<td>Stereotype Threat</td>
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<td>Socializing</td>
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<td>Gender &amp; Computing</td>
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<td>Logic Groups</td>
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<td>Teacher Testimony</td>
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<td>Breaks and meals</td>
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Listen and share; Plan and commit
Pledge my students take to be in my course

- Attend and prepare for every class meeting; that is,
  - Bring my laptop to every class;
  - Do requested readings on-time;
  - Do homework on time.
- Be an active learner doing my best to master class material and practices; that is,
  - Will give every class meeting my full attention;
  - Will not send or read e-mail or text messages during class;
  - Will not use any social media during class;
  - Will limit my browser use to class materials.
- Ask questions and volunteer answers; that is,
  - If I know the answer to a question, I will raise my hand to participate in class discussion;
  - If I do not understand the material, I will raise my hand to seek help to get that understanding.
- Honorably help others in the class to succeed and let others honorably help me to succeed; that is,
  - Will only use authorized help for assignment and tests:
Questions and comments?