



**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



TM



Workshop Organizers

Teresa Anderson

Angela Bateman

Jason Castaldo

YunJeong Chang

Aihua Chen

Jennifer Chiu

Leslie Cintron

Angela Cleveland

Taylor Deutsch

Danielle English

Paul Eppley

Lydia Erbaugh

Kelly Feltaut

Robert Foster

Gail Gomez

Kim Gregg

Melody Hagaman

Buffie Holley

Janet Howard

Becky Howsmon

Dawanna Jones

Ray Kinne

Jane Krauss

Scott Larson

Maura Lewis

Robert Luciano

Wendy Morris

Kevin Musiorski

Danielle Pike

Andrew Rasmussen

Alexander Rhodan

Gretchen Roche

Beth Shannon

Stephen Sharp

Mark Sherriff

Eric Shewmaker

Susan Stark

Jennifer Styer

Luther Tychonievich

Jennifer Vermillion

Mary Wagamon

Brett Wortzman

Lily Zamanali

Spiro Zambini

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Lily Zamanali

Spiro Zambini

Absent Workshop Organizers

Deborah Kariuki

Mark Ruckstuhl

Joanne Cohoon

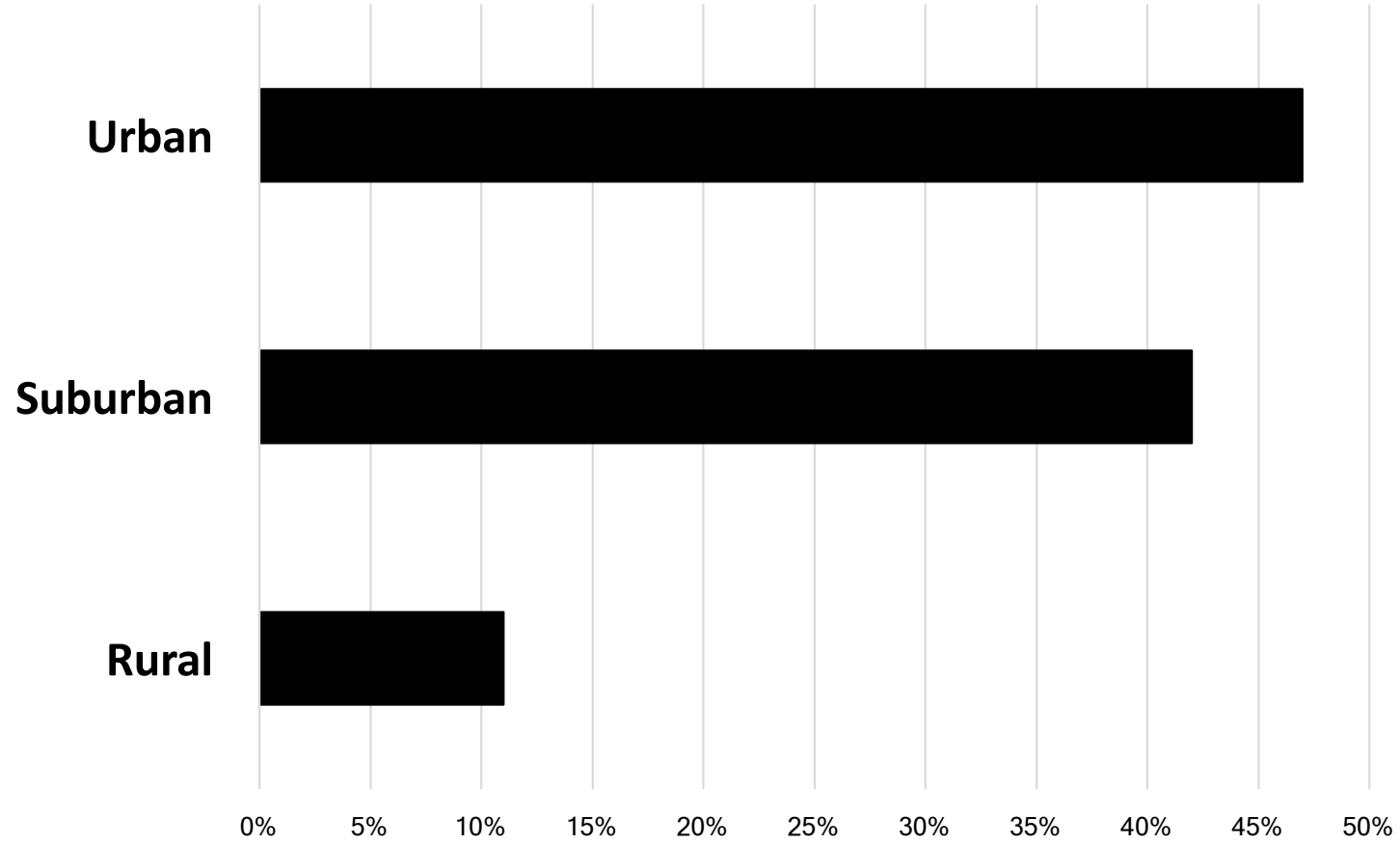
Who are we



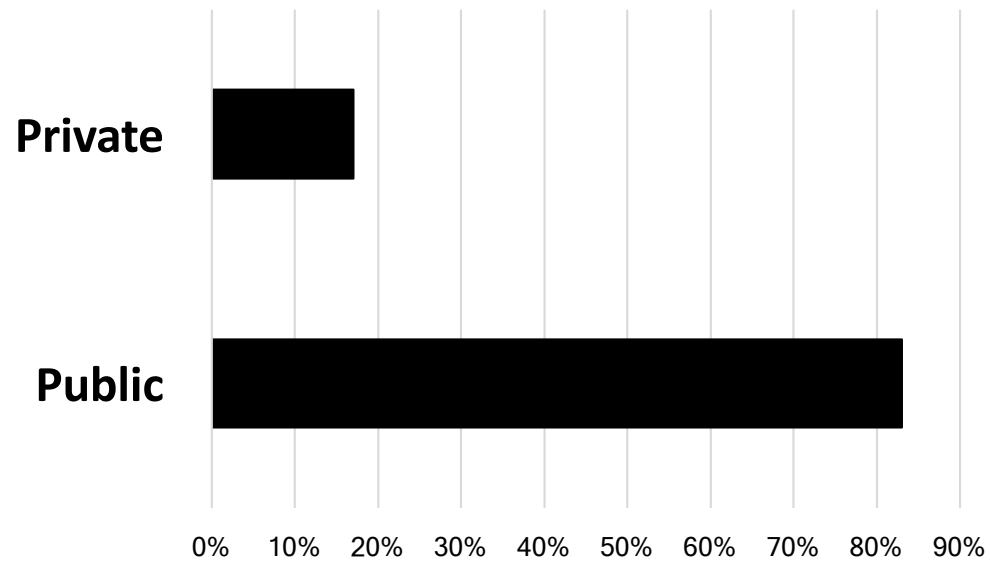
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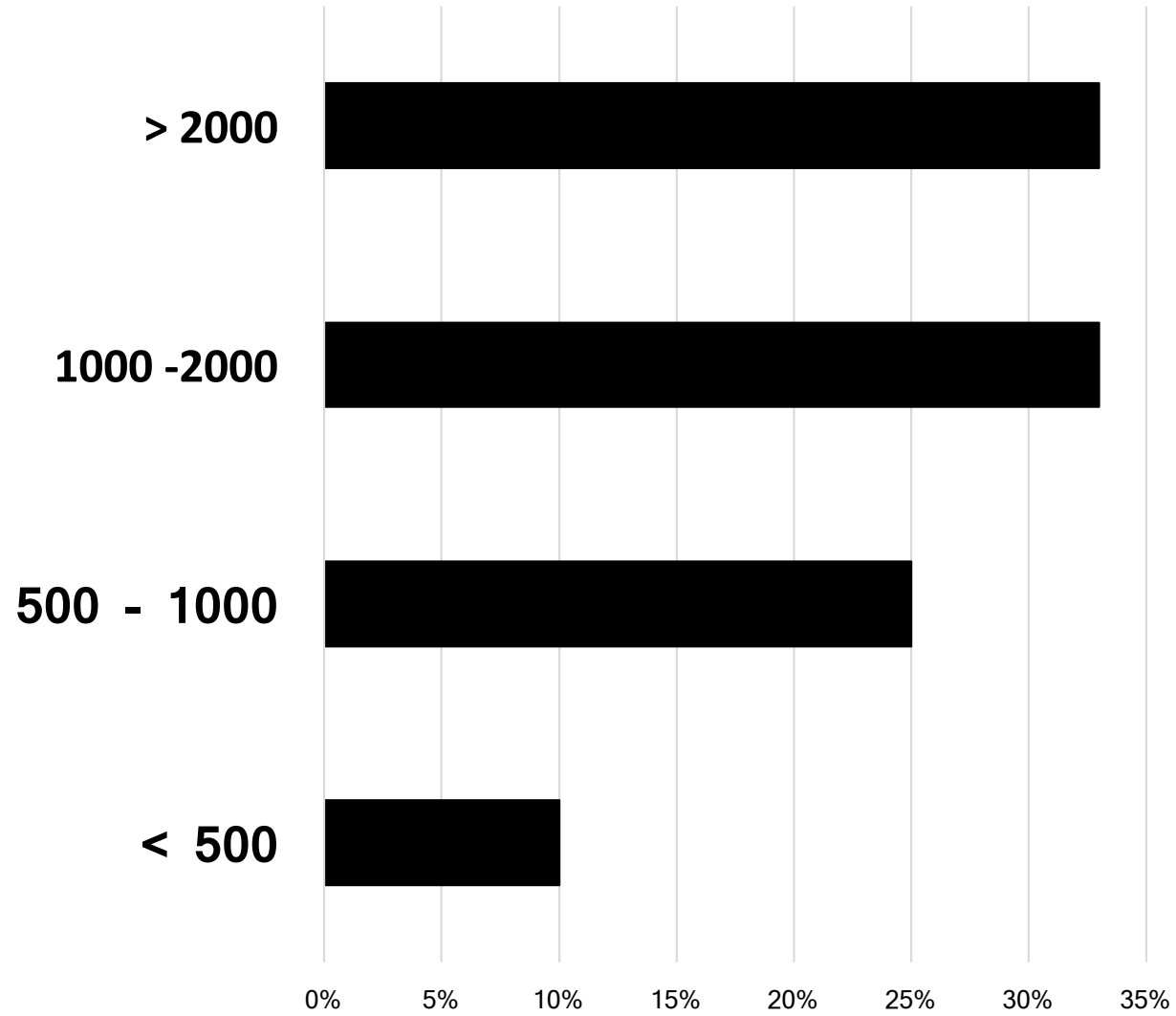
Locations



Status



Populations



Introductory computing

Class size for introductory computing

	<u>All students</u>	<u>Female Students</u>
Minimum	1	2
Maximum	> 100	> 100
Average	55	21
Mode	> 100	5

Why Tapestry

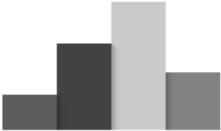


Because promoting diversity is right thing to do

Build cool stuff.



Sell cool stuff.



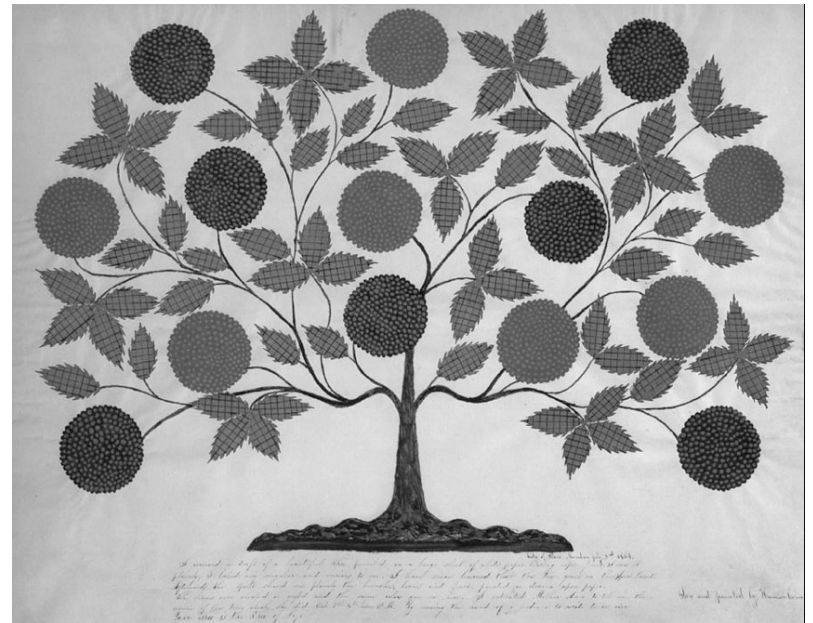
Do cool stuff.



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

Pedagogy	Recruiting	Networking	Curricula	Persuasion
Stereotype Threat Spatial Skills		Socializing Logic Groups Breaks and meals Integration		Gender & Computing Teacher Testimony Resources
Research-based Pedagogy Chrestomathics Pair Programming	Active and Successful Recruiting	Logic Groups Breaks and meals Integration Tour & Dessert	Chrestomathics	Students Resources
		CSTA Facebook page		Teacher Testimony Counselors

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?

