



VIRTUAL SUMMIT | SEPT. 27, 2023, 1 - 6 PM ET  
PLUGGING INTO CS POLICY, PRACTICES & PATHWAYS



# Establishing Diverse State Computer Science Education Teams to Broaden Participation

Julie Flapan, Paula Nazario, Jen Rosato, Crystal Franklin  
CSforCA / UCLA CS Equity Project, CSforAll-MN, CSU / CSforCLE



## Welcome & Goals

- Learn how to build diverse teams that include representation of state demographics, geography, allies, and invested groups.
- Understand the value of diverse teams in the context of computer science education advocacy.
- Reflect on the composition and effectiveness of your current state team.

## Icebreaker

- In the chat, share your state and if you have a state team working on CS ed policy

# Presenter Introductions



Jen Rosato is the Director of the National Center for CS Education and has been supporting educators in K-12 and higher education in efforts to broaden participation in computing for over 20 years. She is a CSforAll-MN founder and steering committee member.



Crystal Franklin serves as the Director of K-12 Computer Science Education, CSforCLE, at Cleveland State University. Serving on the ECEP Executive Board, Crystal is a strong advocate for broadening participation in computing, access for all students, and dismantling inequities in computer science education.

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# Presenter Introductions



Julie Flapan is Co-Director of the CSforCA project where she advocates for K-12 computer science education in California to ensure its accessibility to all students, especially girls, students of color, and low-income students. She also serves as Director of the Computer Science Project at UCLA's Center X where she conducts research and works closely with practitioners to inform statewide policy.

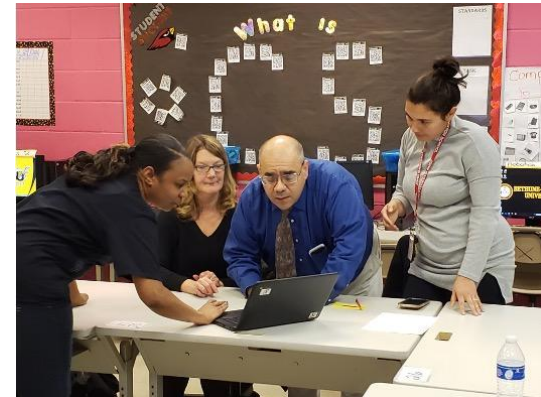


Paula Nazario is the Assistant Director of the Computer Science Equity Project at UCLA Center X. She currently leads the *Plugging into Power: Family and Community Engagement for Equitable CS Education* research to build the capacity of community-based organizations in California serving parents, students, and low-income families of color to advocate for equity in computer science education.



# CSforCLE

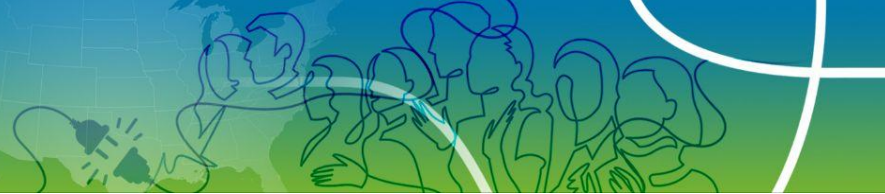
- **Mission:** To create equity and opportunity where all Scholars engage with and explore computer science through targeted teacher preparation.
  
  - **Vision:** A robust, unified network of educational, industry and non-profit partners dedicated to supporting CS learning across CMSD.
    - CS and CT curricula threaded throughout all grades with every scholar graduating with an advanced course in computer science.
    - Established CS pathways leading to post-secondary programs and careers in every school.
- CS is a core content area in Ohio.



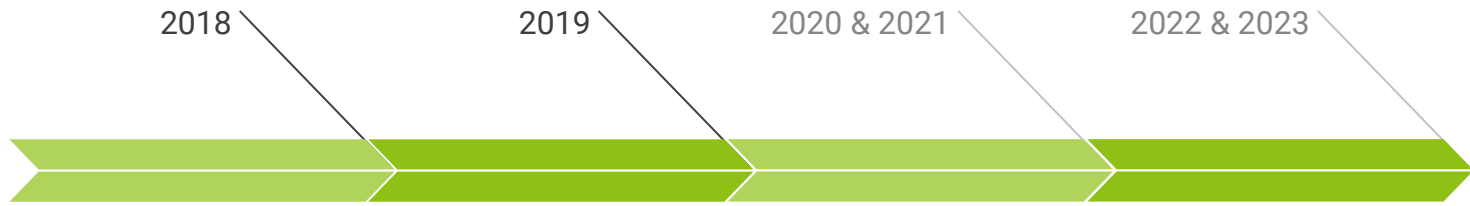


## CSforCLE stakeholders and community partners

Expanding  
Computing  
Education  
PathwaysMARTHA HOLDEN  
JENNINGS FOUNDATION



# CSforAll-Minnesota



**ECEP Year 1 (Y1)**

Solidify Steering Committee: Connect with others working on CS ed (higher ed + nonprofits)

**Y2**

Establish working processes and create an Advisory Board

**Y3 & Y4**

Establish Equity Commitment and Policy Working Group

Issues with capacity & steering cmte turnover

**Y5 & Y6**

Finding new ways to involve more folks

Deliberately looking for key perspectives & demographic representation



## Examples of Equity Norms

[CSforAll-MN Commitment to Equity](#)

Rotating facilitators share equity resource at beginning of the meeting

## CSforCA Mission:

Ensure equity and access to high quality teaching and learning opportunities in computer science in California while prioritizing the needs of low-income students, students of color, and girls.

## CSforCA Goal:

By the year 2025, all schools in CA will provide all students with access to, and engagement in, high quality computer science that prepares them for college, careers and community engagement.







# CSforCA IS A MULTI-STAKEHOLDER COALITION

## Advocating for high quality opportunities to teach and learn computer science in K12 public schools so all students are prepared for college, careers and community engagement



# CSforCA Working Group Leads



**Allison Scott**  
Co-Director of  
Computer  
Science for  
California and  
CEO of Kapor  
Center



**Julie Flapan**  
Co-Director  
of Computer  
Science for  
California  
UCLA's  
Center X



**Lia Nitake**  
Policy  
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Technet



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Kapor Center



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Comms Working  
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UCLA*



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Co-Lead, *UC Irvine*



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Higher Education  
Working Group  
Co-Lead, *El  
Camino College*



**Mike Karlin**  
Higher Education  
Working Group  
Co-Lead, *CSU  
Dominguez Hills*

# CSforCA COALITION WORKING GROUPS



## Building a Diverse State Team - who will you invite to contribute to the work?

### Structure

- **Do the team members represent the needs of the state goals?**
  - Higher education
  - K-12
  - Industry partners
  - Curriculum specialists and others...



### Values

- **Is the team diverse enough to include diversity in the work? (Opposites do attract, but only in Chemistry!)**
  - How does the team inform the work? (Bias, discrimination, gaps)
  - Do the values of the potential team member align with the values of the work?
  - Does the team mirror the demographics of the state/project/target audience?





## Discussion & Taking Action

In breakout rooms, select one or more of the following questions and discuss:

- What are the demographics of students in your state?
- Whose voices are currently represented on your state team?
- Whose voice is missing?
- What is the current culture of your team meetings?

And what are the actions you could take:

- How might you create as inclusive and welcoming of a team culture as possible?
- How might you recruit or invite individuals to become a part of your team?

# Thank you to our partners

National Science Foundation

(NSF 2137834)

[Google.org](https://www.google.org)





## Questions?

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