



MISSION: The Expanding Computing Education Pathways (ECEP) Alliance seeks to increase the number and diversity of students in the pipeline to computing and computing-intensive degrees by promoting state-level computer science education reform. ECEP supports 30 states and territories to develop effective and replicable interventions to broaden participation in computing (BPC) and to create state-level infrastructure to foster equitable computing education policies.

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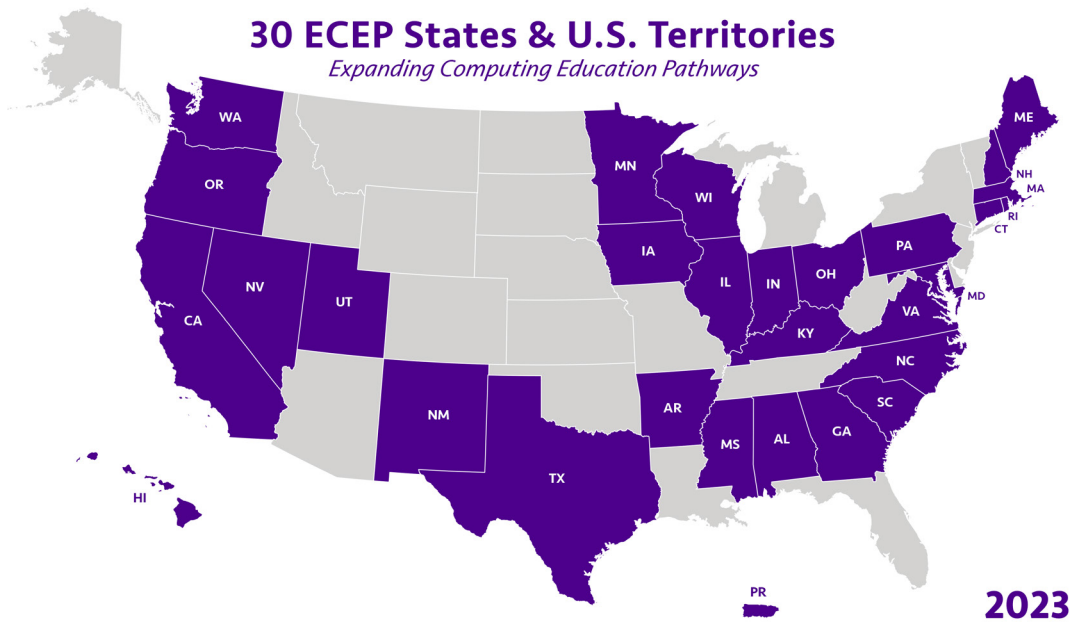
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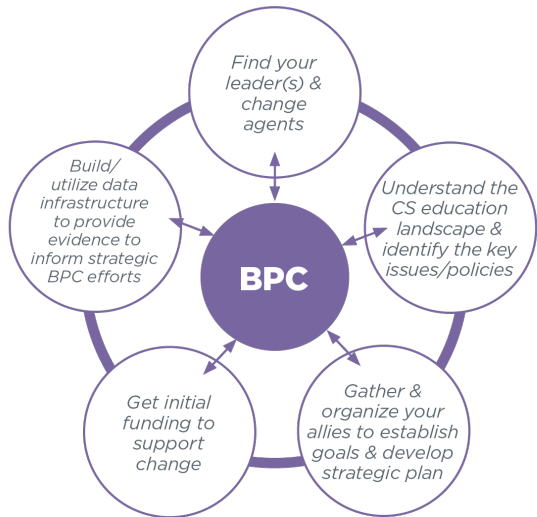
ecepalliance.org

Expanding Computing Education Pathways



ECEP's How to Change a State Model

ECEP developed a model for state-level computer science education reform that addresses each state's unique education system and policy structure. Centering equity through BPC is key to the success of this model.



ECEP's Landscape Report and State Summit Toolkits support state teams seeking to advance equitable K-12 CS education within the State Change Model.

Landscape Report Toolkit



State Summit Toolkit



ECEP Services & Resources

CORE SERVICES

- **Coaching** an alliance of states and leaders seeking to broaden participation in computing and providing 'open-source' coaching to non-member states.
- **Building state-level leadership teams** representing a broad range of educational leaders (teachers, superintendents, guidance counselors), government leaders, education researchers, industry leaders, community leaders, and policymakers.
- **Promoting research based best practices for creating inclusive computing classrooms** and broadening participation via recruitment and retention at a statewide level, using a train the trainer approach for teachers, leaders, guidance counselors, etc.
- **Supporting state summits** to convene stakeholders across a broad range of constituencies to educate the community and engage them in BPC efforts, including identifying and tracking measurements that show evidence of change.
- **Providing seed funding** for state BPC efforts (state summits, K-12 CS standards development, landscape report data collection and dissemination) through co-sponsorships. (Only available to ECEP member states.)

RESOURCES

ECEP Resources



Coaching Sessions



ScIP Course



State Data Dashboards



You Can Leverage the Work of ECEP

ECEP offers access to a community of educators, researchers, industry, and government leaders who focus on advancing state and national BPC efforts. The ECEP Alliance team offers coaching on our various tools and serves as a resource broker and connector for anyone working to build equitable K-14 computer science pathways. **ECEP can:**

- connect you with ECEP PIs and state-level leadership in 30 states/territories. Refer to our About page and the State Coaching page to learn about ECEP's team and our coaching services.
- point you to data and existing landscape reports to help you understand the landscape of BPC in states, regions, and nationally. Reports include details on state policy adoptions, CS course offering and enrollment, Advanced Placement exam-taking, post-secondary enrollment, and demographic participation.
- make connections with local BPC efforts, national CS education and BPC organizations, and other NSF-sponsored CS education projects to help you leverage knowledge and find collaborators.
- help you leverage existing BPC efforts to ensure that diversity, equity, and inclusion are centered in your policies, pathways, and practices.

This is an open invitation to consider ECEP as a partner in your BPC work. ECEP is starting place to find relevant BPC resources, data, and an extensive network of interdisciplinary teams who are collectively engaging in broadening participation in computing efforts. Please connect with our resources at ecepalliance.org or with ECEP leadership directly at ecepalliance@gmail.com.