

## Computer Science Equity Alliance

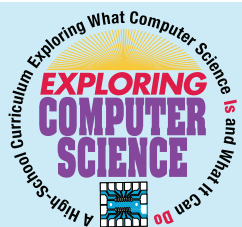


An University-K-12 Alliance to Increase and Enhance the Computer Science Learning of African-American, Latino/a, and Female Students in the Second Largest School District in the Country (BPC-A)

<http://intotheloop.gseis.ucla.edu>

**Our Mission:** To help deepen the capacity of the Los Angeles Unified School District to offer and support high-quality, college computer science classes, especially in high schools with high numbers of African-American and Latino students; pursue a strategy that creates sustainable change in the culture and practices at the school and district level as pursuant of our mission of broadening the participation in computing; and develop a model and repository of best practices that can help spread and inform similar efforts in other school districts.

**Major Accomplishment:** Development of a new pre-AP CS computer science course curriculum (Exploring Computer Science); piloting course in 5 LA high schools, all with high numbers of underrepresented students of color. College admissions elective credit is pending for next year. Development of teachers' community, teacher leaders, and professional development for the ECS teachers this summer.



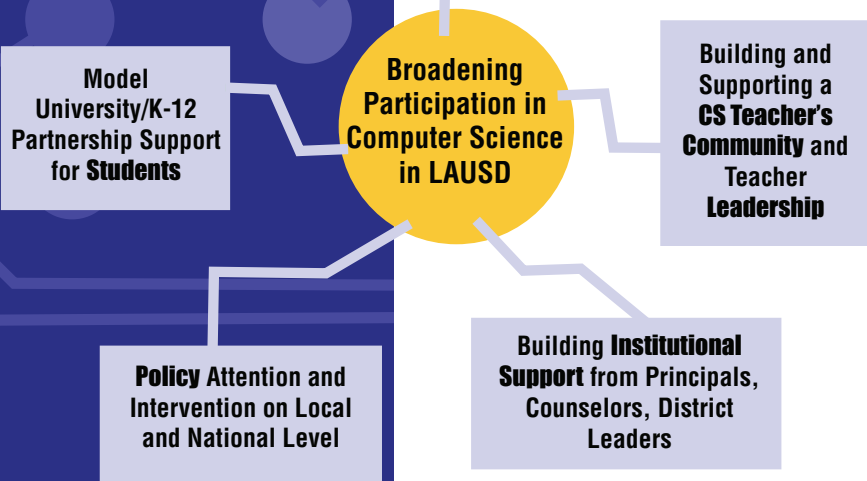
- HCI
- Programming (SCRATCH)
- Problem-solving
- Data Modeling
- Web Design and Animation
- Robotics

**Future Plans:** Expand the number of schools teaching this course; make the curriculum available for national distribution; reach out to district officials around the country about the implementation of this curriculum.

**Co-PIs:**

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- TODD ULLAH, Director of Secondary Science, Los Angeles Unified School District;
- DEBORAH ESTRIN, UCLA Computer Science Department;
- JOANNA GOODE, University of Oregon, College of Education.

### Innovative Curriculum — Develop and implement an exciting and engaging pre-APCS course/s



LAUSD Roybal CS Academy is one of the schools that will be piloting our new curriculum.