Gaining Insights Into The Effects Of Culturally Responsive Curriculum On Historically Underrepresented Students' Desire For Computer Science

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Equalizing Participation in Computer Science

1. A lack of presence of CS in K-12 education.
2. **The under-production of post-secondary degrees in CS**.
3. **The underrepresentation of women in CS**.
4. The underrepresentation of ethnic minorities in CS.
5. A lack of positive CS role models in the media.

Three pathways into CS at UC Berkeley

- **CS3: Introduction to Symbolic Programming** .
- CS61A: Structure and Interpretation of Computer Programs.
- CS61AS: Self paced version of CS61A

In her study of attrition in undergraduate CS
at Berkeley, Lewis found that female students
were disproportionately weeded out of the
track, often starting at CS3
Lewis:EECS-2010-132

Three pathways into CS at UC Berkeley

- **CS10: The Beauty and Joy of Computing** .
- CS61A: Structure and Interpretation of Computer Programs.
- CS61AS: Self paced version of CS61A