English Language Learners
The following list includes all active projects.

You may also access past projects.

- **A Practice-Based Approach to Professional Development in Science** —
  
  **Principal Investigators:** Ann S Rosebery and Beth Warren  
  **Funders:** Institute of Education Sciences, US Department of Education  
  **Website:** [http://chechekonnen.terc.edu/](http://chechekonnen.terc.edu/)

  A *Practice-Based Approach to Professional Development in Science* (PBA) addresses an enduring challenge in U.S. education: providing students from historically non-dominant communities (e.g., students of African descent, students from low-income households, students for whom English is a second language) with high-quality, intellectually-engaging learning experiences in science.  

- **Expansive Meanings and Makings in ArtScience (EMMAS)** —
  
  **Principal Investigator:** Ann S Rosebery and Beth Warren  
  **Funders:** National Science Foundation  
  **Website:** [http://chechekonnen.terc.edu/](http://chechekonnen.terc.edu/)

  EMMAS offers an opportunity to investigate and demonstrate the untapped potential of an artscience approach to learning and teaching in high school for youth from communities historically underrepresented in science. It builds on an earlier project, *Educating the Imagination* (2011-2013), which developed a summer arts/science studio program at Boston Arts Academy focused on wide-ranging explorations of water.  

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