

PROFESSIONAL DEVELOPMENT FOR CLASSROOM EDUCATORS

Harvard University supports CPS educators in identifying or providing professional development classes on campus.

James Bryant Conant Fellowship

The Conant Fellowship fund was established to support the professional growth of outstanding teachers and administrators under contract with the Boston and Cambridge public schools who are accepted to HGSE degree programs.

*“The Conant Fellowship afforded me opportunities to access a variety of learning across the graduate schools of Harvard, as well as across the city of Cambridge. As a veteran teacher of 10 years in Cambridge, having such opportunities and a flexible schedule allowed me time to delve more deeply into the community my students and their families know and love. I look forward to returning to CRLS this fall and bringing my new lenses in learning for co-creation of curriculum, cutting edge research related to child development, youth participation in research, and more holistically engaged student centered planning for post secondary opportunities with my students with or without disabilities.”*

—KRISTIN A. KNOWLTON, M.ED., 2017-18 CONANT FELLOW  
Learning & Teaching - Instructional Leadership Strand '18, Ed.M.  
Harvard Graduate School of Education



Reimagining Integration: Diverse and Equitable Schools Project

The Reimagining Integration: Diverse and Equitable Schools Project (RIDES) started at the Harvard Graduate School of Education in an effort to help diverse schools become places where all children learn at high levels, feel included, appreciate their own and other cultures, and understand and work to dismantle racism. Harvard partners with Fletcher Maynard Academy, Cambridge Rindge and Latin School, Graham and Parks School, and Cambridge Street Upper School to provide school leadership and staff with training and resources to build more equitable communities.



Summer Science Institute  
Coming August 2018

The Harvard Museum of Natural History, FAS Office of Science Education, and CPS Science Department partnered to develop and implement a professional development institute open to upper elementary teachers. The four-day institute will focus on Constructing Explanations and Arguing from Evidence across Physical & Life Science curriculum.



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CPS  
Cambridge Public Schools

COLLABORATING  
for Student  
Success

PICTURED:  
Gullah language instructor,  
Sunn m'Cheaux, teaches  
CPS 7th graders during  
Project Teach.





**Mind Matters: Families Make a Difference**

Developed by Harvard University, Mind Matters is a 20-hour hands-on learning series that equips Cambridge parents/families of 3-8 year-olds with practical tools to build their child's social, emotional, and intellectual skills. Families learn about current research on childhood brain development and how to use these findings to help foster their child's lifelong development. This program is currently offered to five cohorts of CPS families from all elementary schools in collaboration with Agenda for Children and Cambridge Center for Families.



**Harvard Museums of Science & Culture Field Trips**

Educators from the museums are working with members of the CPS science department on ways to align museum programs with of the new science curriculum standards. This year, 11 of the 12 CPS elementary schools visited at least one of the four HMSC museums.



**Harvard Museums of Science & Culture and CPS 6th Grade**

All CPS 6th graders attend the Foragers to Farmers school program at the Harvard Semitic Museum and Peabody Museum of Archaeology & Ethnology and learn about the rise of agriculture. The program includes utilizing a classroom kit of artifacts developed by the museum.

**8th Grade Science Seasons Curriculum**

In partnership with Harvard-Smithsonian Center for Astrophysics, the CPS Science Department integrated research-tested curriculum in all upper schools to deepen student understanding of the four seasons. The Science Education research team embedded spatial thinking activities into the curriculum, which are linked to success in future STEM careers.



**Project Teach and CPS 7th Grade**

Harvard's Project Teach program seeks to develop a college-going identity among CPS 7th graders. By working with teachers, students and families, Project Teach demonstrates that college can be an affordable, accessible and attainable opportunity. A cornerstone of the program includes an on-campus college visit for all CPS 7th graders where they participate in a program tailored to their academic interests.



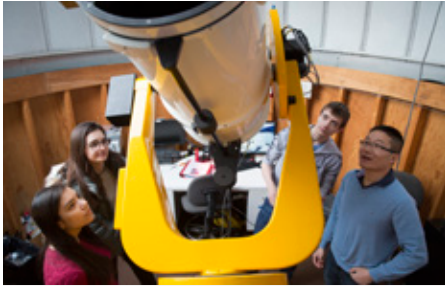
**8th grade Science & Engineering Showcase**

A program co-developed by the CPS Science Department and Harvard's John A. Paulson School of Engineering and Applied Sciences, all 8th grade students develop a science project, which culminates in a spring showcase for students, families, and Harvard faculty and staff, on Harvard's campus.



**Crimson Summer Academy**

The Crimson Summer Academy is a rigorous enrichment program that provides motivated high school students with skills and financial support to thrive and excel in college. Through small group instruction, projects, cultural activities, sustained support, and close mentoring relationships with college undergraduates, the Academy encourages students to expand their vision of what's possible as they prepare to become viable candidates for admission to selective four-year colleges or universities. More than 85% of the Academy's graduates have gone on to attend four-year colleges or universities.



**CRLS – Science Research Mentoring Program in Astrophysics**

The Science Research Mentoring Program at the Harvard-Smithsonian Center for Astrophysics (CfA) provides opportunities for high school juniors and seniors to work on year-long independent research projects in astrophysics under the guidance of a CfA astrophysicist. Students learn what it is like to conduct real, cutting-edge research and work closely with scientists from diverse backgrounds.

**CRLS – Harvard Marine Science Internships**

Through a partnership co-developed by a CRLS marine science teacher and a Harvard University faculty member, 14 CRLS marine biology students have been trained and mentored by Harvard postdocs, and placed in Harvard labs for research opportunities.

**Cambridge-Harvard Summer Academy**

Launched in 2001, the Cambridge-Harvard Summer Academy serves as Cambridge's official summer school for high school students. The free, six-week summer program boosts student performance, while providing a learning opportunity for master's students in the Teacher Education Program at the Harvard Graduate School of Education, as they are paired with experienced teachers.



**CRLS Harvard Art Museums Partnership**

Each year, students at the Harvard Graduate School of Education are hired as graduate student teachers at the Harvard Art Museums for a year-long museum education training program and partnership teaching program with CRLS. Each semester, pairs of graduate student teachers work closely with multiple CRLS classes across disciplines, inviting them into the museum for gallery lessons that integrate works of art in the museum with high school class curricula. The program reaches approximately 250 CRLS students annually.



**CRLS Biology – Harvard Life Sciences Outreach Program**

Each year, more than 500 CRLS students visit Harvard teaching labs, through a partnership with Harvard's Life Sciences Outreach Program. CRLS biology teachers utilize Harvard space, equipment, reagents, and expertise to lead the students through the wet lab portion of the Mitochondrial DNA PCR lab, supported by the Amgen Biotech Experience Program.



*Did you know*

Every year, more than 500 CPS students attend performances at the **American Repertory Theater (A.R.T.)** and more than **4,000 CPS students & teachers** visit the **Harvard Museums of Science & Culture!**

