

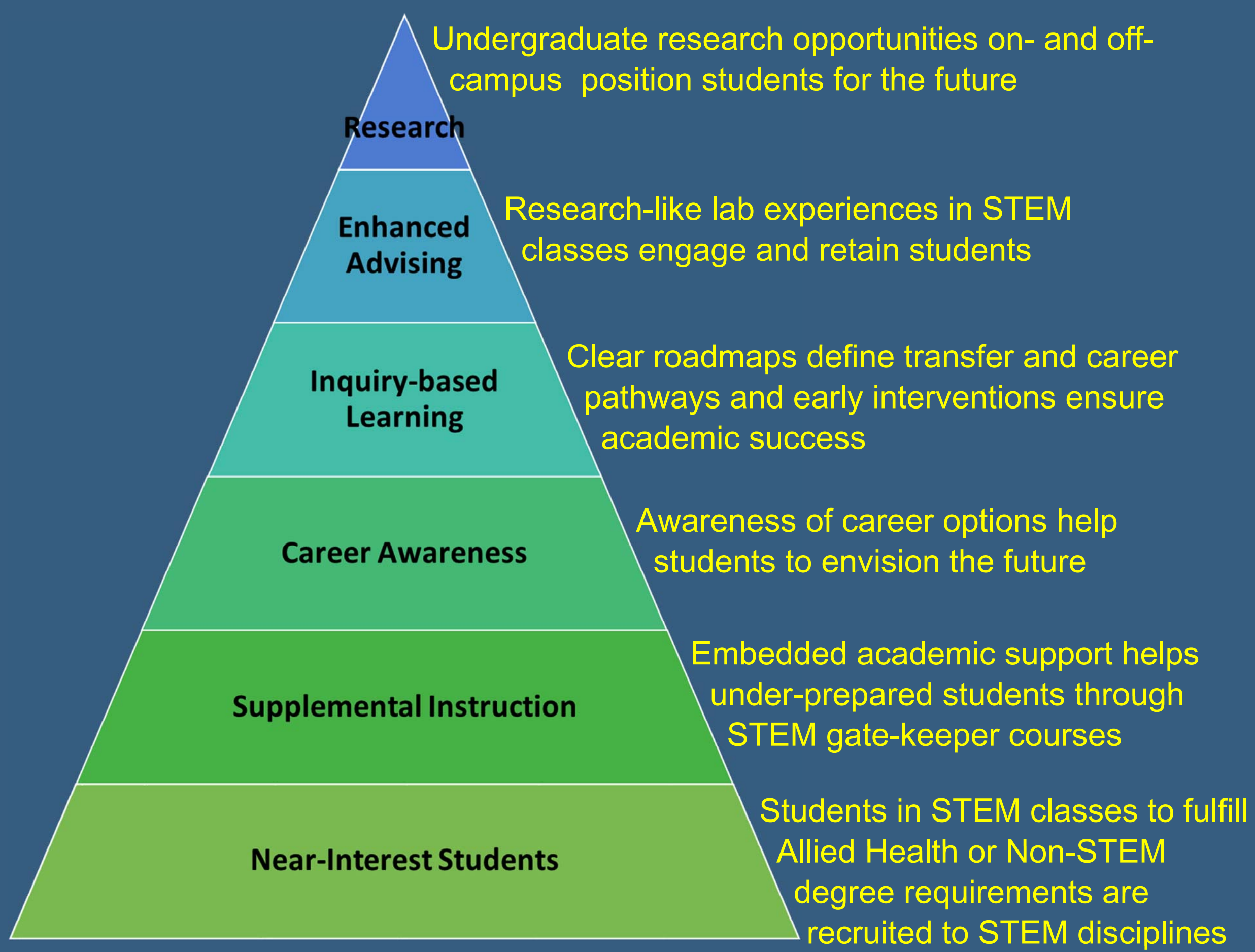
PIPELINES TO PIPETS:

Biotechnician Training & Science Transfer Initiative

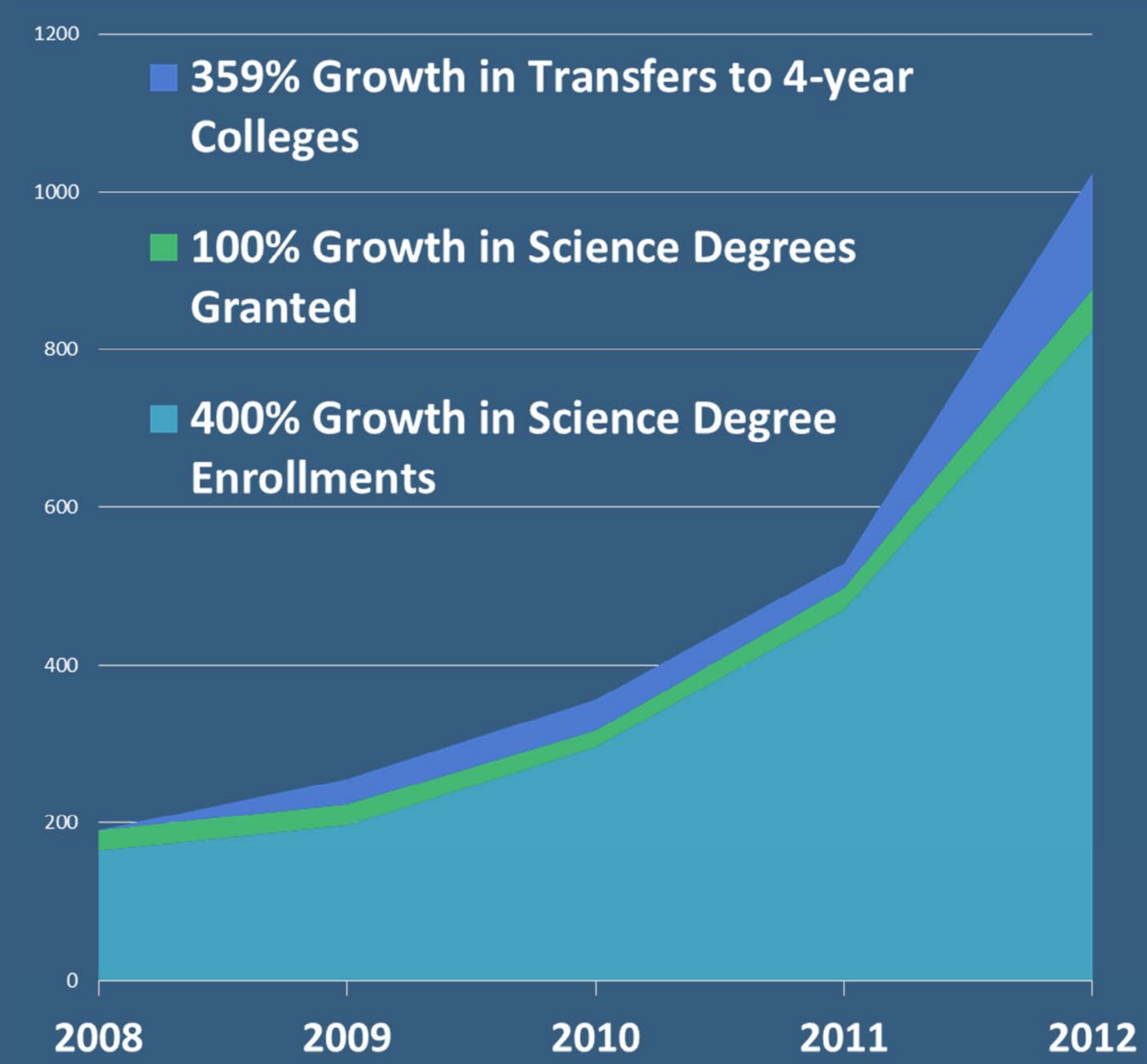
A program to expand and diversify the pipeline of science professionals through career exploration, supplemental instruction, enhanced advising, and **undergraduate research**. The Initiative makes students competitive in the job market quickly and at the same time prepares them for advancement academically and professionally.



The **Science Transfer Initiative** is a stepped program to increase enrollment, graduation and transfer rates of STEM majors:



Recognized by the Massachusetts STEM Advisory Council as a model program, five years of STI data show its impact on students:



The ATE **Biotechnician Training** project builds on the STI and has:

- ⇒ Launched a **new degree option** and a certificate for students seeking to enter the biotechnology and life sciences sectors .
- ⇒ Expanded the pipeline of **workforce-ready STEM professionals**, with a particular emphasis on underrepresented populations.
- ⇒ Introduced **on-campus research** and integrated research-like experiences into STEM curriculum to build practical skills and to increase retention and success.

Five years of data on undergraduate research participants also shows its impact on students:

- **78% transferred to a 4-year STEM program**

