



Discipline-Based

dB-SERC

Science Education Research Center



Course Transformation Awards

Purpose

- Enhance student learning via transformation of science courses by adapting evidence-based teaching practices
- Improving access and equity for students from traditionally-underrepresented groups
- Help position the University of Pittsburgh as a national leader in research-based instruction in the natural sciences

Who can apply

Full-time faculty members in the Dietrich School of Arts and Sciences at the University of Pittsburgh



Types of transformations

- “Flipping” the classroom
- Incorporating inquiry-based activities in the classroom
- Improving online learning
- Including authentic research experiences in the classroom
- Incorporating clicker questions in the classroom
- Enhancing student learning via technology
- Developing new courses in the natural sciences
- If you have an idea for a course transformation, email dbserc@pitt.edu to set up an appointment to discuss it!





Support

- *Ongoing assistance* throughout the design, implementation, and assessment via dB-SERC associates
- *Constructive feedback* from an enthusiastic science faculty learning community via weekly lunch discussions
- *Funding* of up to \$10,000
- Support for *professional development* such as attending workshops and conferences to learn about specific instructional approaches
- *Consultation on writing grant proposals* seeking external funding based upon initial findings of the course transformation

More Information

- Visit <http://dbserc.pitt.edu/> or email dbserc@pitt.edu
 - For more details, visit <http://dbserc.pitt.edu/transformation>