

SOTL

What is it good for?

Scholarship of Teaching and Learning

- > Can inform teaching
- > Is discipline that allows use to do research on our teaching

Many SOTL Journals, both general and discipline specific

- > Journal of College Science Teaching
- > Research in Higher Education
- > Many discipline specific journals
 - Check with your professional organization

<http://www.fctl.ucf.edu/ResearchAndScholarship/SoTL/journals/>



SOTL informs teaching-what are best practices?

Active learning increases student performance in science, engineering, and mathematics

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How can I do SOTL research?

- > SOTL research different from PhD research
- > Limitations-no control group or selection of participants
- > Increasing use of statistics
- > Training may be available
 - BioScholars and HHMI Summer Institutes
- > Attend DEBR conferences to see what current research in field looks like
- > Review articles for SOTL journals
- > Need IRB approval to publish data from SOTL

https://www.jstor.org/stable/10.2979/teachlearningqu.3.1.3?seq=1#metadata_info_tab_contents



S&T is a supportive environment for SOTL

- > CERTI and CAFE
- > Education research grants
- > EdTech
- > E fellows grants
- > Annual TLC conference
- > CASB travel awards