Resources for Project Evaluation

- Field-Tested Learning Assessment Guide (FLAG): This website is designed for Science, Math, Engineering, and Technology Instructors who are interested in new approaches to evaluating student learning, attitudes, and performance. It has a primer on assessment and evaluation, classroom assessment techniques, discipline-specific tools, and resources - all in a searchable, downloadable data base, [http://www.flaguide.org/](http://www.flaguide.org/)
- Student Assessment of Learning Gains (SALG): An on-line survey that measures student perceptions of their learning gains due to any components within a course. Faculty can modify a template to match any and all features of their courses, have their students take the survey on-line, and have the data returned to them as either raw data or with simple statistical analysis, [http://www.salgsite.org/](http://www.salgsite.org/)

Pertinent Workshops, Studies and Reports on Undergraduate Education

- **How Students Learn**, a 2005 NRC report on effective teaching mechanisms (emphasizes the importance of teaching subject matter in depth, eliciting and working with students' preexisting knowledge, and helping students develop the skills of self-monitoring and reflection). [http://www.nap.edu/books/0309074339/html/](http://www.nap.edu/books/0309074339/html/)
- **Invention and Impact: Building Excellence in Undergraduate Science, Technology, Engineering and Mathematics Education**, a 2004 report from an AAAS organized meeting of CCLI active faculty describing some of the successful efforts supported by the CCLI program and its predecessors (the Course and Curriculum Development (CCD), Instruction and Laboratory Improvement (ILI), and Undergraduate Faculty Enhancement (UFE) programs). [http://www.aaas.org/publications/books_reports/CCLI](http://www.aaas.org/publications/books_reports/CCLI)


• National Center for Education Statistics. July 2009. *Stats in Brief: Students who study science, technology, engineering, and mathematics (STEM) in Postsecondary Education*.


• *Inventions and Impact 2: Building Excellence in Undergraduate Science, Technology, Engineering, and Mathematics (STEM) Education*, a 2008 report from an AAAS organized meeting of CCLI active faculty describing some of the successful effort supported by the CCLI program ([http://archives.aaas.org/publications.php?pub_id=1126](http://archives.aaas.org/publications.php?pub_id=1126))


Source:

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