

What is an Educator Portfolio?



Comprehensive written document that:

- Describes your teaching philosophy and experience
- Showcases your teaching strengths
- Illustrates educational innovations
- Documents educational scholarship and professional development

Who Needs an Educator Portfolio?

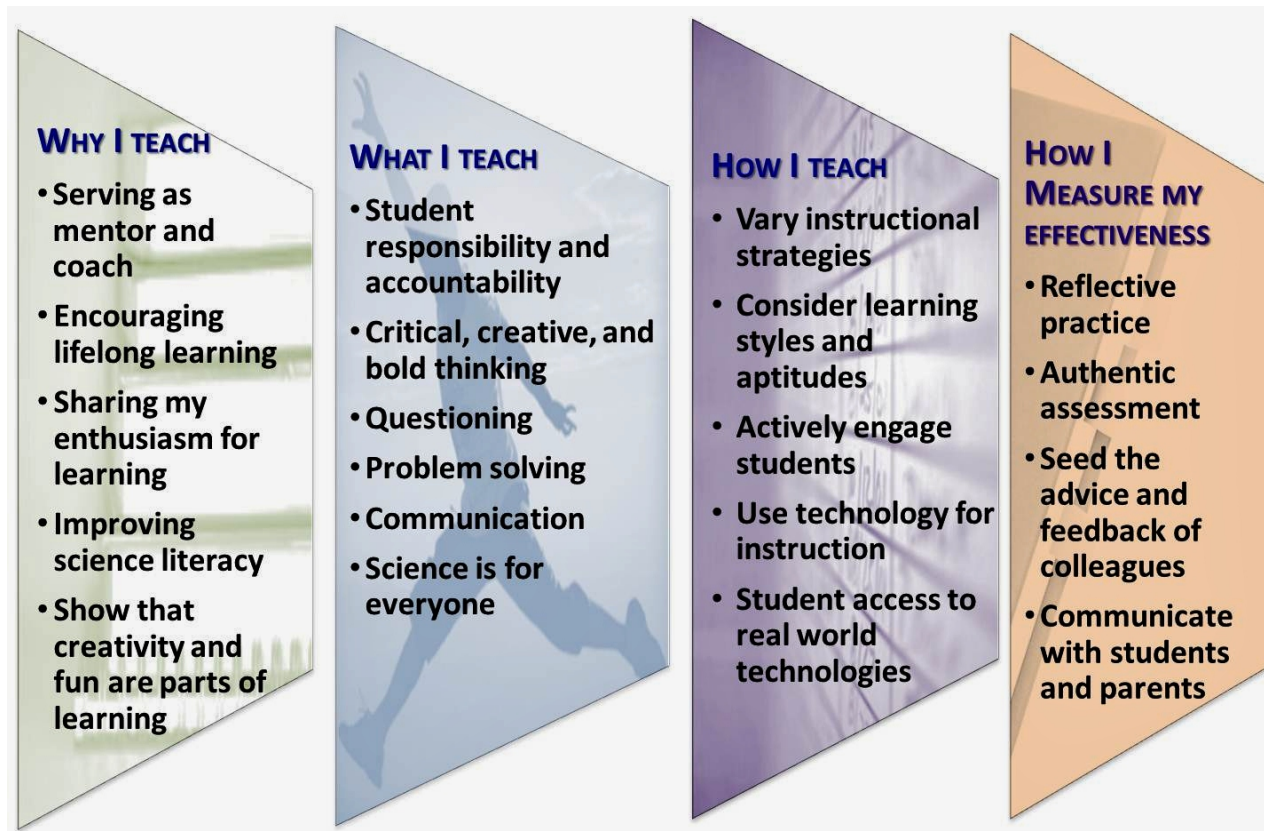
- Planning a career that encompasses teaching
- Applying for a position that involves teaching
- Document to facilitate meetings with mentor
- Annual reviews, promotion package
- Applying for a teaching award

Components of an Educator Portfolio*

- Statement of educational philosophy
- Professional development in education
- Five-year goals as an educator
- Your contributions to five domains of education:
 - Teaching
 - Curriculum development
 - Assessment of learners
 - Mentoring and advising
 - Educational leadership/scholarship and administration

*It is likely that the first iteration of your educator portfolio will not contain every section

Statement of Educational Philosophy



Hardest part to write! May help to complete this part after assembling other sections

Professional Development in Education

- Classes? Workshops?
- Scientists Teaching Scientists - asynchronous online summer course, provides certificate of completion;
www.stonybrook.edu/commcms/cie/events/ScientistsTeachingScienceCourse.html

Professional Development in Education

- Online seminars and resources at the SBU Faculty Center for Teaching Assistant development (includes video on writing your teaching philosophy)

<https://facultycenter.stonybrook.edu/services/ta-training>

Domains of Education: Teaching

- Hands-on teaching - e.g., lectures, lab exercises, small group leader
- Instructional materials developed to enhance teaching - e.g., syllabus, lab manual, CD, online module
- Include both quantity and quality
 - Quantity: number of learners
 - Quality: student evaluations, faculty evaluations

Domains of Education: Curriculum Development

- Longitudinal set of educational activities
- Includes:
 - Goals and learning objectives
 - Learning experiences
 - Organization/sequencing of learning experiences
 - Evaluation of effectiveness

Curriculum Development

- WSE 187 - approximately 11 hour commitment for project leaders; work with small groups of freshman women; paid activity

WSE 187: Women in the Laboratory: Introduction to Science, Engineering, and Mathematics Research

An introduction to and hands-on experience in doing research in mathematics, engineering, and several science disciplines within a group setting. The students rotate among several research environments: computer science, mathematics, social sciences, natural sciences and engineering. Within each environment they are given background readings, instructed in the problem to be studied, jointly carry out a small experiment related to the problem, and discuss the social implications of the research problem. Students make presentations related to one of the projects in which they participate. Enrollment limited to first-year women in the WISE program. Not for credit in addition to WSE 380.

3 credits

Domains of Education: Assessment of Learners

- Activities associated with measuring learners' knowledge, skills, and attitudes
- Document type of assessment, learner characteristics (who, how many), size (number of items, frequency of use), how the assessment results were used
- Your role in implementation (creation of the assessment, analysis of results, interpretation of results)

Domains of Education: Mentoring and Advising

- Activities in which you provided guidance or counseling to help a learner or a colleague achieve certain goals
- Mentoring - a sustained and committed relationship
- Advising - typically short-term
- Include both quantity/details as well as quality (outcome of the relationship, e.g. undergraduate poster presentation, research award, acceptance into graduate school)

Domains of Education: Educational Leadership and Scholarship

- Identification of need for educational program (e.g., module created for existing course, new course added)
- Build on existing knowledge (e.g., replacement of lecture with active learning)
- Dissemination of results achieved in education (e.g., learners' reaction to module/course, improvement in test scores) - presentation at conferences, publication

Educator Portfolio Templates and Guidelines

- [https://www.academicpeds.org/education/education faculty dev form.cfm](https://www.academicpeds.org/education/education%20faculty%20dev%20form.cfm)
- UCSF SOM:
<http://meded.ucsf.edu/cfe/academy-educators-portfolio>
- University of Miami SOM:
<http://edo.med.miami.edu/the-educators-portfolio/subsect-portfolio-guidelines>