



How to Turn Your Teaching into Scholarship

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- In Boyer's Model of Scholarship, **Teaching is, unto itself, a scholarly endeavor**, along with: Discovery, Integration, and Application. The challenge in education is evaluating, reproducing, and sharing one's work. To address these obstacles, Fincher et al. (2000) applied Glassick's generalized criteria for scholarship to teaching.

Table 1. Glassick's Criteria Applied to Teaching

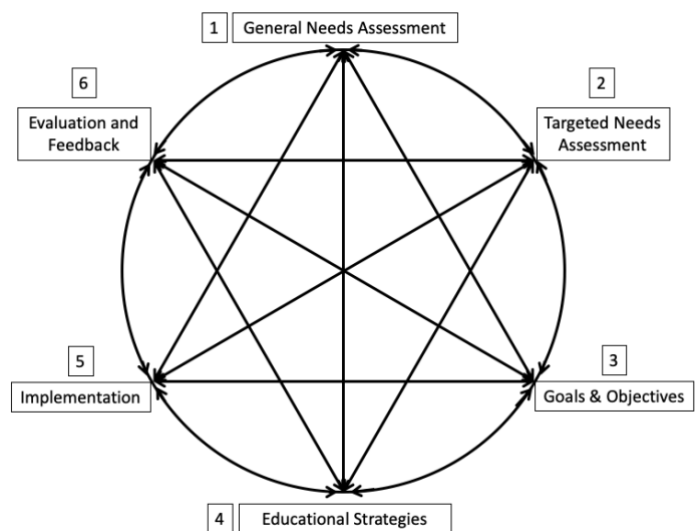
Clear Goals	Clear, achievable, measurable learner objectives
Adequate Preparation	Up-to-date knowledge; Identify, organize, quality & appropriate level material, specific to objectives
Appropriate Methods	Select appropriate methods for: Teaching to meet objectives & Assessments to evaluate outcomes
Significant Results	Measures of quality; Demonstrates learners' achievement of objectives
Effective Presentations	Making results and process available to colleagues
Reflective Critique	Critical analysis of teaching activity that results in change

- Documentation is essential. A Teaching Portfolio is ideal for collecting, organizing and presenting one's work.
- A structured approach to assuring each of these criteria are met is to view each educational intervention as a new or a part of an existing curriculum. Kern's Curriculum Development for Medical Education: A Six-Step Approach (2016) requires each of the above criteria to be addressed. In addition, each step parallels the typical format of most abstracts and manuscripts.

Table 2. Kern's 6-Steps for Curriculum Design

Educ. Term	Description	Sci. Term
General Needs Assessment	Healthcare Gap	Purpose & Background
Targeted Needs Assessment	Learners & Environment	Subjects & Setting
Goals & Objectives	Goals & Objectives	Endpoints & Measurements
Educational Strategies	Methods & Content	Methods & Materials
Implementation	Barriers & Support	Limitations
Evaluation & Feedback	Program & Learners	Results & Lessons Learned

- When working within an existing curriculum, it is important to explore and report how planned changes may affect the other elements in this interactive model.



References

- Fincher RM, Simpson DE, Mennin SP, et al. Scholarship in teaching: an imperative for the 21st century. *Acad Med* 2000; **75**(9): 887– 894.
- Thomas PA, Kern DE, Hughes MT, & Chen BY. Baltimore, MD. Johns Hopkins University Press, 2016