Scholarship of Teaching and Learning

1 Outcomes for this Session

After participating in this workshop, participants will be able to:
- Identify and refine a Scholarship of Teaching and Learning research question.
- Develop a research plan for a SoTL project (specific research question, evidence for answering question).
- Identify resources needed to develop and complete a SoTL project.

2 Setting the Stage

Think about the goals you have for your students' learning. What questions do you have about their learning?	
Think about problems you are encountering with your teaching or students' learning. What questions come to mind?	
Think about questions you have about your teaching or your students' learning process. What are some researchable questions?	

3 Formulating Questions

Think about your responses to the previous section. With these in mind, start to formulate some research questions about student learning in your course or program.

What are your research questions about student learning in your course or program?	
Refining questions • Is the question too vague to be useful or too specific which may overlook larger results? • Consider both *whether* the course helped students learn and *how* that learning happened.	

4 **Forms of Evidence**

As you think about how to investigate your teaching/learning question, what type of evidence will help you to answer the question?

What student behaviors would provide evidence? What would be meaningful in your discipline?

Consider methods:
- Case study analysis
- Experimental design
- Descriptive study
- Reflective analysis
- Interviews
- Focus groups
- Surveys
- Content analysis
- Protocol analysis
- Existing records:

Consider forms:
1. Students' reports of their learning (surveys, interviews, focus groups)
2. Samples of students' work (papers, projects, journals, presentations, student performances, videotaped group discussions, etc.)
3. Evidence of how students actually work (think-aloud protocols, videos, process journals)
4. Course exam scores, or scores on single questions on an exam
5. Institutional research data (GPAs, grades, admissions scores, etc)
6. Reflective journals or logs

5   Identifying Resources

Thinking about your project, how can you tap into campus resources and garner support?

What existing resources could you draw from?	
Who else needs to be involved? What do you need to do to gain the support of others?	

6   Next Steps

To continue the development of your project, what are the immediate first steps YOU need to take? And what is the timeline for each step?

1.

2.

3.

4.