INTRO TO SOTL, PART 1

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Today’s Outcomes

Following today’s session, participants will:
• Describe the origins, purpose, and value of SoTL.
• Articulate the process/methodology for SoTL investigation.
• Identify areas for SoTL exploration in their own courses or programs.
• Identify at least three journals to target for possible publication of vet med SoTL.
Photo of Ernest Boyer from the Boyer Center at Messiah College.

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RATIONALES

3 Ps


Scholarly work should have

• Clear goals
• Adequate preparation
• Appropriate methods
• Significant results
• Effective presentation
• Reflective critique
Use SoTL to …

• support program assessment, program review, or accreditation;
• facilitate research partnerships among faculty, staff, and students;
• provide opportunities for involvement in higher-education initiatives;
• provide data to enhance institutional and/or disciplinary priorities;
• strengthen graduate-student training and the development of future faculty.

VET MED EXAMPLE 1
An Approach to Teaching Animal Welfare Issues at The Ohio State University
VET MED EXAMPLE 1
A New Approach to Teaching Veterinary Public Health at The Ohio State University

VET MED EXAMPLE 3
Teaching Surgery to the Veterinary Novice
SoTL Steps

- Identify question, describe what you want to learn.
- Develop data gathering plan.
- Gather and analyze data.
- Describe results and generate context for results.
- State conclusions.
- Share results, make publishable.
- Make decisions about future actions (assessment loop).

How SoTL Differs

- Uses naturally occurring groups
- Not random sampling
- Not control groups
- May not be random assignment
- May not be pretest
ON IRB AT OSU
Social and Behavioral Human Research

Taxonomy of Questions
YOUR TURN

Take about 3 minutes to generate questions for exploration in a SoTL project.

Data Gathering Plan

- Evaluating current practice vs. implementing new approach
- Qualitative vs. quantitative methodology
- Cross-sectional (snapshot) vs. longitudinal research
- Primary vs. secondary data
- Academic analytics and data mining
YOUR TURN

What data collection methods would help you answer your SoTL question? Partner with your neighbor and share.

Data Collection

• Videotape
• Focus groups
• Ethnographic interviews
• Classroom observation
• Large-scale institutional tracking
• Questionnaires
• Surveys
• Course portfolios
Results Description

• Views of students: What do they say? How do they act?
• Performance of students: Results of assessments, test scores, rubric scores, etc.
• Your reflections: Before, during, and after the project.

Conclusions
Results Sharing

• Medical Education
• Clinical Teacher
• Health Educator
• Critical Studies in Education
• Review of Education, Pedagogy & Cultural Studies
• Gender and Education
• Adult Learning
• Journal of the Scholarship of Teaching and Learning
• Journal of Teaching & Learning in Higher Education
• The Teaching Professor

About Publications

• *Journal of Veterinary Medical Education* (JVME)
  • Best practices and educational methods
  • Recruitment, training, and mentoring of students at all levels
  • Clinical instruction and assessment
  • Institutional policy
  • Other challenges and issues faced by educators domestically and internationally.
  • Vet-Med Educator and Pre-Vet Advisor (epubs)
SOTL, PART 2

8 to 9 a.m., Wednesday, Oct. 14

?s or comments