



# SECURING A SoTL GRANT

E-LEARNING CARNIVAL (UniCeL) 2022 UNIVERSITI SULTAN  
ZAINAL ABIDIN



Pusat Pengajaran  
Pembelajaran Universiti

UNIVERSITY TEACHING AND LEARNING CENTRE

Universiti Utara Malaysia

# Self Introduction

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FOE: Instructional Multimedia, Game Design and Development,  
Assistive Multimedia

# Workshop Outline

- Requirement of a SoTL Proposal
- Securing a SoTL Grant: Tips & Tricks





# Requirement of a SoTL Proposal

# SoTL

- Scholarship of Teaching and Learning
- A systematic inquiry into student learning
  - advances the practice of teaching in higher education
  - making inquiry findings public.
- Is teacher-directed
- Relevant to teachers' classroom experiences.

# So what do u do in SoTL?

- Research our own teaching process
- Bridge the gaps between theory and practice



# SoTL steps: How to start?

Recognize the problem/opportunity in their teaching curriculum

Explore the best practices and develops a plan to address a problem/ opportunity.

Implement the plan (Teaching Projects).

Conduct research to assess its impact on important outcomes.

Yield the findings and then disseminated it.

# SoTL Grant Proposal

- A complete description of the Scholarship of Teaching of Learning (SoTL) involves faculty (sometimes in partnership with their students) undertaking systematic inquiry about student learning and going public with the results.
- Project narrative
- The purpose of the SoTL Grants program is twofold:
  - To fund instructional research projects that will benefit the UNISZA teaching and learning community
  - To ensure that the results of the instructional research projects are shared and disseminated among the UNISZA community



# What the SoTL Grant Proposal should have?

## SPECIFIC AIMS

- Recognize a problem/ opportunity in teaching/ curriculum

## LIT REVIEW

- Identify best practice(s) to address the problem/ opportunity

## METHODS

- Implement best practices (Teaching Project)

## EVALUATION

- Evaluate impact of the teaching project on outcomes (as specified in AIMS)

## DISSEMINATION

- Research yields findings that are then disseminated (internally and externally)

# *SoTL Inquiry Method*

Case studies

Experimental/ Quasi  
Experimental

Focus group

Observation tracking

Interview

Secondary Data

Questionnaire  
/ Survey

Think aloud

Longitudinal Tracking

Content/discourse/text  
analysis of...

- Student assignments
- Student journals
- Student course portfolios
- Student reflections
- Teacher reflections
- Teaching portfolios
- Video or audio recordings of class sessions

# Evaluation

- The expected outcomes and impact of your project are extremely important.
- Your SoTL grant proposal must describe how you will assess the success of your project.
- Your proposal must detail what you will measure, how you will measure it, and why the measures are appropriate. Include a description of the data collection, instrumentation, and/or statistical methods you will use.
- The evaluation section must clearly indicate how your evaluation methods are directly linked to your intended outcomes and project objectives.

# Evidence

How did they know  
that their students  
were learning?

Did the students'  
learning promise to  
last?



Students' learning **COULD**  
**NOT** be answered simply by  
looking at regularly assigned  
course work



# So?

- SoTL requires and prioritizes direct/indirect evidence of student learning.
  - textual, oral, and visual work,
  - quantitative and qualitative data,
  - formative and summative assessments



## Direct evidence

- Samples of student work (essays, exams, in-class writings, lab reports, quizzes, portfolios, online assignments, etc.)
- Observations of students (in person, videotape, audiotape, online discussions)
- Students' reflections on their own values, attitudes, and beliefs



## Indirect evidence

- Responses to survey or interview questions asking students what help they learned (e.g., knowledge surveys)
- Instructors reflection



# Securing SoTL Grant- Tips and Tricks

# Tip 1: Research question

- Your inquiry question should be specific, and clearly links with the proposed intervention.

**GENERAL**

What is the effects of DEDICT method on the students?

**SPECIFIC**

What effect will participating in the DEDICT method based teaching and learning process have on the students' digital skill in a 'hands-on' digital classroom?



**GENERAL**

How can I increase the quality of student class presentations?

**SPECIFIC**

Will completing a self-help module on the effective use of presentation software improve the engagement/discussion of the class during student class presentations?

**GENERAL**

How can OSIViG help to improve student understanding of the OSI Model?

**SPECIFIC**

How do students perceived their learning on a topic related to the OSI Model using OSIViG?

## GENERAL

What is the effect of Pecha Kucha on students' presentation for Marketing Subject?

## SPECIFIC

What is the students' and lecturers' perception of Pecha Kucha as a mode of presentation for Marketing subject?

## GENERAL

How does think aloud strategy help to enhance critical reading skills among undergraduate students?

## SPECIFIC

How does think aloud strategy help to enhance critical reading skills in IEP Programme among undergraduate students?

# Tip 2: Intended Learning Outcome

- List the affected intended learning outcomes for your course/program or relevant section(s) of your course/program.
  - What changes might result in the learning of your students?
  - Which intended learning outcomes might better be achieved by the successful implementation of your SoTL intervention?
- The more clearly and specifically you describe these intended learning outcomes, the more likely the adjudication committee will be able to appreciate the value of your project.

## GENERAL

After participating in a group project, students will be able to better understand and use concepts of space.

## SPECIFIC

After participating in a group project assignment involving direct field observations, students will be more likely to recognize and apply space concepts within novel contexts.

## GENERAL

Following instruction, students will be able to give high quality presentations.

## SPECIFIC

After completing the self-help module on using presentation software, students will engage in more discussion during student in-class presentations.

# Tip 3: Methodology

- How do you propose to find out the answer(s) to your question?
  - Provide a brief description of your proposed research design and methods.
  - What is the research procedure?
  - How will you measure the impact on student engagement, learning, or success? Will you be using quantitative, qualitative, or mixed measures?
  - How will you analyze your data?

- This study will be conducted at the School of Multimedia Technology and Communication, College of Arts and Sciences, Universiti Utara Malaysia. The sample for this research are the undergraduate students who will enrol in the STIV2023 course in Semester A211. This research will employ action research design based on the Kolb (1984) Experiential Learning Cycle. The implementation of the teaching and learning process will be based on the DEDICT method. The instruments that will be used for this research includes a few sets of rubrics to measure the students' digital skills, a questionnaire to measure the students' perception and an observations rubric to measure the effectiveness of the DEDICT method in the 'hands-on' digital classroom. The data collected will be treated quantitatively and qualitatively.
- This research will be carried out for the duration of 1 semester with several steps such as DEDICT method analysis, literature review, identification of teaching techniques suitable for DEDICT method, develop the action plan, 14 weeks' implementation of the DEDICT Method, and evaluation and observation process.

# Tips 4: Budget

- How will the project budget be spent? Describe exactly how much will be allocated to each specified. Breakdown.

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***Other Services***

Perkhidmatan ikhtisas, yuran latihan, penerbitan dan percetakan hospitaliti

**International Conference Fee: RM 2000 x 1 = RM2000**

**ISS Seminar Fee: RM 1500 x 1= RM 1500**

**Journal Publication Fee : RM 1500 x 2 = RM3000**

**Education Workshop Fee: RM 200 x 2 = RM400**

**Printing, Photostat and Report Binding: RM 300**

**Professional Services (Experts): 2 x RM 100 = RM200**

**Professional Services (Respondents): RM300**

# Tricks

- Successful SoTL proposals will have a:

**Specific inquiry questions that focus on the student experience and conditions for enhancing learning**

**Set of clear goals articulated in terms of intended student learning outcomes**

**Brief, targeted review of the relevant literature;**

**Well-articulated plan describing how the project's impact on student success will be assessed**

**Description of the significance of the project in terms of contributions to teaching and student learning**

**Sustainable budget with justification for each item.**

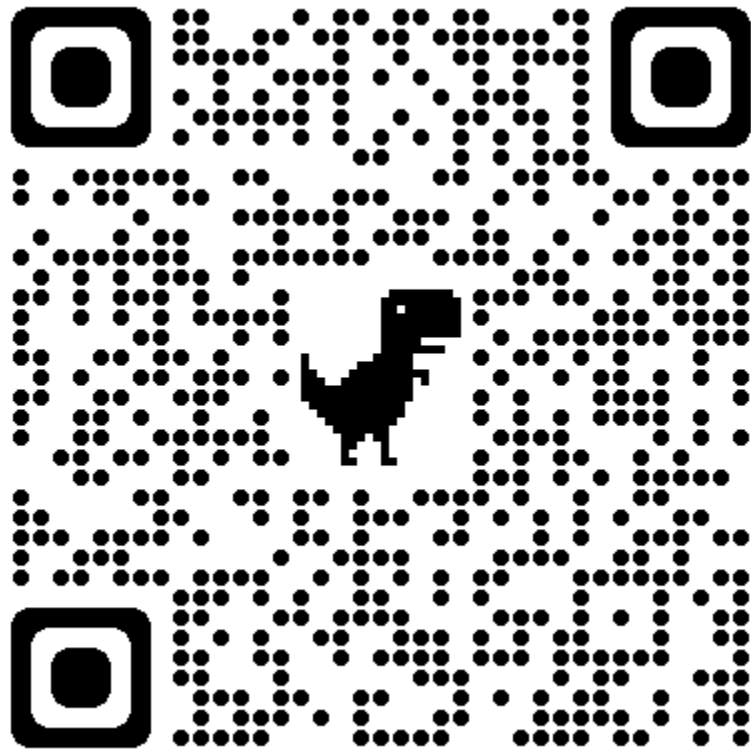


# REMINDER!

- Make sure your proposal is a SoTL research to avoid disqualification.
- Make sure the RQ and RO are parallel to researching the implementation and effectiveness of the teaching projects.
- Do not ask funding for developing a teaching project

**SoTL grant is to access/  
evaluate the impact of the  
teaching process.**

# Revision



**kahoot.it**





# Thank you

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