

Lesson Plan: What to do with your research idea

Aim: To help participants consider the different elements needed to turn an initial idea into a feasible research project

Objectives: At the end of this session you will be able to:

1. Develop a research question from an idea
2. Differentiate between qualitative and quantitative research and identify the characteristics of each
3. Identify different ways of engaging with research other than a full scale project

Time	Activity	Method & Resources
0:00-0:03	Introduction <ul style="list-style-type: none"> ❖ Circulate sign in sheet. ❖ Overview of session using Albert Einstein quote. 	Sign-in sheet PowerPoint slide
0:03-0:05	❖ What is your idea? Differentiate between Research, Audit and Evaluation: http://www.apcrc.nhs.uk/governance/is_it_research.htm .	PowerPoint slide, online demo
0:05-0:08	❖ Find an interesting topic.	PowerPoint slide
0:08-0:11	❖ Think of a particular question. PICO and how it can help structure your question, using Radiography-specific example.	PowerPoint slides
0:11-0:26	❖ Quantitative and Qualitative research quiz: https://www.proprofs.com/quiz-school/story.php?title=qualitative-quantitative-research-quiz	Group discussion, online quiz
0:26-0:29	❖ How will you test your question?	PowerPoint slide
0:29-0:32	❖ How will you measure your results?	PowerPoint slide
0:32-0:33	❖ Is what I'm planning feasible?	PowerPoint slide
0:33-0:38	❖ Is what I'm planning ethical? Ask participants to think of potential ethical issues with the Radiography research example used for PICO. Demo of online ethics tool from HRA: http://www.hra-decisiontools.org.uk/ethics/ .	PowerPoint slide, group discussion, online demo
0:38-0:41	❖ Literature searches and how they can help.	PowerPoint slide
0:41-0:46	❖ Funding – examples of different radiography research funding opportunities available.	Online demo

0:46-0:51	❖ What if you don't want to do a research project? Participants to think of other ways to engage with research.	PowerPoint slide, group discussion
0:51-0:54	❖ Talk to people.	PowerPoint slide
0:54-1:00	❖ Homework – participants to take an idea they came up with in session one and formulate a question from it. Time for questions and details of next session.	PowerPoint slide, Q&A