The TeachTech Research Program
“Integrative and Applied Teaching and Learning with Technology”

Information Resources and Planning (IRP) seeks faculty at all levels (tenured, tenure-track, and adjunct) to work collaboratively with its technology experts to develop, deploy, and evaluate innovative strategies to integrate technology into their curriculum.

Selection of participants will be based on the potential for the innovative strategies to have an impact on teaching and learning in their discipline as well as diversity of disciplines/fields of study.

Special consideration will be given to applicants interested in applying technology for blended/“flipped” classroom design used for the improvement of teaching and learning.

Each selected participant will receive a **$2,000 stipend** at the completion of the program that can be used for professional development travel, or technology purchases/upgrades (laptops, software, etc.)

Process
- Online Application
- Selected participants
- TeachTech Launch

Activities and Responsibilities

Upon selection/appointment, a TeachTech faculty member agrees to:

- Use their appointed Information Resources and Planning consultant to integrate technology into the course or courses they teach
- Attend “Lunch and Learn” monthly meetings with other cohort members to report on progress;
- Help collect and share data through formative and summative assessments, focus groups, and interviews to measure effectiveness of integrated technology in supporting student learning outcomes
- Submit a conference proposal and/or work toward publication on teaching and learning with technology
- Become advocates for transforming classes/curriculum with technology in their home departments/Colleges.

The TeachTech Research Project will introduce, guide, and support faculty with implementing technology, tools and strategies into their classes, using an integrative and applied learning framework. The Association of American Colleges & Universities (AAC&U) defines Integrative and applied learning as an understanding and a disposition that a student builds across the curriculum and co-curriculum, from making simple connections among ideas and experiences to
synthesizing and transferring learning to new, complex situations within and beyond the campus.

Two questions will guide the TeachTech project:

- **What role can educational technology take to facilitate integrative and applied learning?**
- **Which technology tools can best support faculty and student success?**

**Fall semester** will be utilized for planning the integration of technology in the curriculum. We will ask you to determine your intended student learning outcomes for Spring. Each outcome should be clearly worded, defined, and measurable.

*For each learning outcome, you should answer each of these questions:*

- What is your outcome (simply put)?
- How do you define it (in one sentence)?
- How are you going to measure it?
- How will you know if you achieved your goal for this outcome (descriptives, comparison of current to prior class sections, etc.)?
- Which technologies are being implemented in achieving those outcomes?

*In your planning and research of prospective educational technologies:*
  - Which technologies are working the way you want them to?
  - Which technologies need to be changed for Spring 2018 to achieve the goals you want?
  - Are there unexpected outcomes or ideas that you encountered?
  - What is your plan for implementing technologies into your course(s) in Spring 2018?
  - How will the technology consultant be utilized?
  - How will you collect initial data about your outcomes of interest?

**Spring semester** will be utilized to integrate technology into the course or courses, gather data, and finalize report/presentation.