Title: Innovation Training and PTIE: a service-wrapped approach to professional development in support of PTIE implementation
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Abstract:

PTIE, if adopted at an institution, invokes a new learning curve for most faculty that have limited or misconceived understanding of entrepreneurship and innovation activity. Specifically, the definitions of entrepreneurship, entrepreneurial activity, innovation, product development, commercialization are all new to most faculty. Further, the metrics that will be newly offered as pathways to tenure and promotion will not be well understood, especially as it relates to the optimal or productive roadmap to attain them. As a result, it will not be sufficient just to provide definitions of terms or recommended language to department chairs, faculty or P&T committees, assuming that it will accomplish necessary understanding. As such, it may be prudent or important to provide innovation training programs to help accelerate this understanding, as well as to create culture shift for departments/colleges that want to adopt but are hesitant to do so. At the University of Kentucky, we have invested in dedicated resources to design and teach an Innovation Training program - a series of courses - to departments that adopt PTIE recommendations as a tool to support understanding and knowledge. In addition, we have created a badging system to create a shared indicia of recognition across faculty, to demonstrate attainment of understanding and incentivize further participation/adoptions. I would like to present more about this approach and open the opportunity for feedback, questions, and suggestions related thereto.
A service-wrapped approach to PTIE: Professional Development, learning, and recognition

Impact & Implementation
Training
& Micro-certification
Supporting Professional Development & Culture of Innovation

- Innovation Programs
- Coaching & Mentorships
- Translational Research Impact
- Entrepreneurship Training
Research impact is **REAL CHANGE** in the **REAL WORLD**
Impact is determined by where the effects of research are felt.

University

Research Conducted Here

Society

Effects felt here
Using experiential design theory and mentorship programming to support researchers’ perception of their role in contributing to science, commercialization, and impact on the community.
## Objectives

<table>
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<tr>
<th>Understand</th>
<th>Understand the evolution of the university researcher and research impact on the economy and society</th>
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<tbody>
<tr>
<td>Learn</td>
<td>Learn design thinking process related to innovation and research impact by tackling unique challenges, from ideas to validation</td>
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<tr>
<td>Apply</td>
<td>Apply design thinking methods to propose human-centered approaches to problem-solving for unmet societal or economic needs</td>
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Bird’s Eye View

Level 1

Micro-certification

Level 2

Impact

Level 3

Explore Growth Mindset
Building Impact Research
Impact Design Plan
Engaging Stakeholders
Entrepreneurial research Eco-system

Innovation to Enterprise
Protecting Your Idea
Commercialization in Social Entrepreneurship
Who’s Writing the Check
Data in Today & Tomorrow’s Companies
UK INNOVATE MICRO-CERTIFICATION

- Impact
- Innovation
- Impact
- Implementation

UK Innovate Micro-Cert.
Impact Literacy

How to connect research to outside work? IMPACT LITERACY

Impact literate means understanding:

1. WHAT changes (impacts”) happen, for whom, and how can be demonstrated?

2. HOW research can be mobilized into action?

3. WHO is involved in this, for what purposes, and with what skills?

4. WHY impact is being pursued, for what purposes, and with what ethical considerations?
EXPLORE GROWTH MINDSET
BUILDING IMPACT RESEARCH
IMPACT DESIGN PLAN
ENGAGING STAKEHOLDERS
ENTREPRENEURIAL RESEARCH ECO-SYSTEM

IMPACT INNOVATION WORKSHOPS

Synchronous/Asynchronous
Impact Implementation is the PROVABLE benefit of Research

It is the change we can SEE (demonstrate, measure, capture)

BEYOND academia (in society, economy, environment)

Which happen BECAUSE of our research (caused by or contributed to)
Badgr an easy option for awarding & tracking badges in Canvas

Open Digital Badges are not just images:

- badge name
- description of the badge
- criteria for earning the badge
- issuer
- evidence of the achievement
- date issued
- earner id
- and other custom information

Recognizing Knowledge – UK Innovate Badges

Badgr is an achievement recognition and tracking system that uses Open Badges for competency recognition, professional development, and connected learning.
WHO IS THIS FOR?

The **experienced researcher/faculty**, who want to pursue a standalone micro-credential micro-certification recognized by the University of Kentucky community to build on their skillsets.

The **future learner**, who doesn’t want to fully commit to a full long-term program but will take advantage of stackable elements for future skills.

The **current student (graduate/postdoc)**, who is pursuing their program and wants to pursue a micro-certification as a skill-based program.
## How Do You Register?

1. Go to UK Innovation Training
2. Register Online Portal (Uses Salesforce)
3. Auto -Enrolled in Canvas Course
This is the start of UK Innovate Training Courses:

- Masterclasses
- Paid Experiential Training for Grads/Postdocs
  - Customized Workshops

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