Tyndall National Institute
Institiúid Náisiúnta

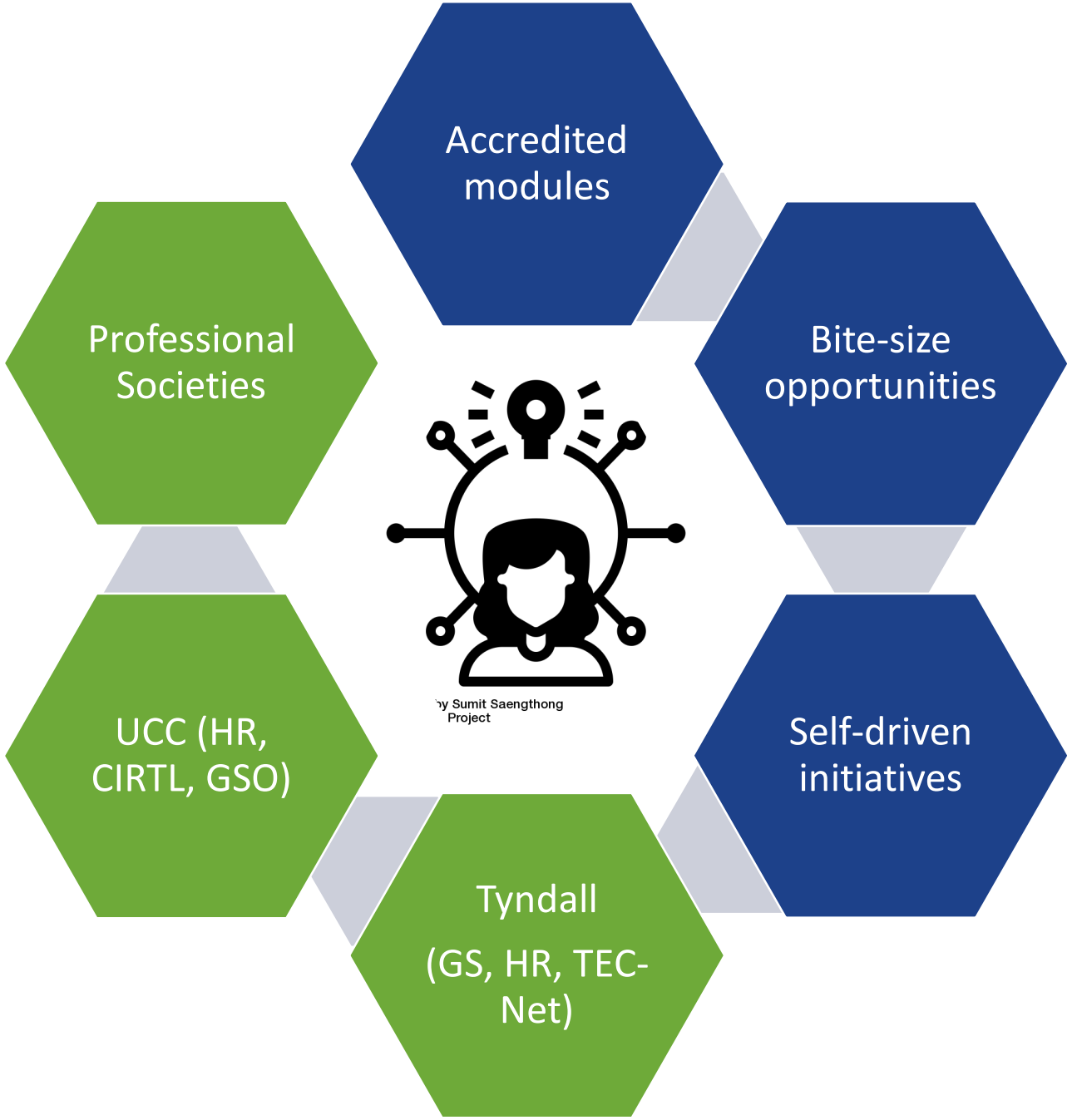
Postgraduate Student & Supervisor Training
A snapshot

Fatima Gunning & Orla Slattery

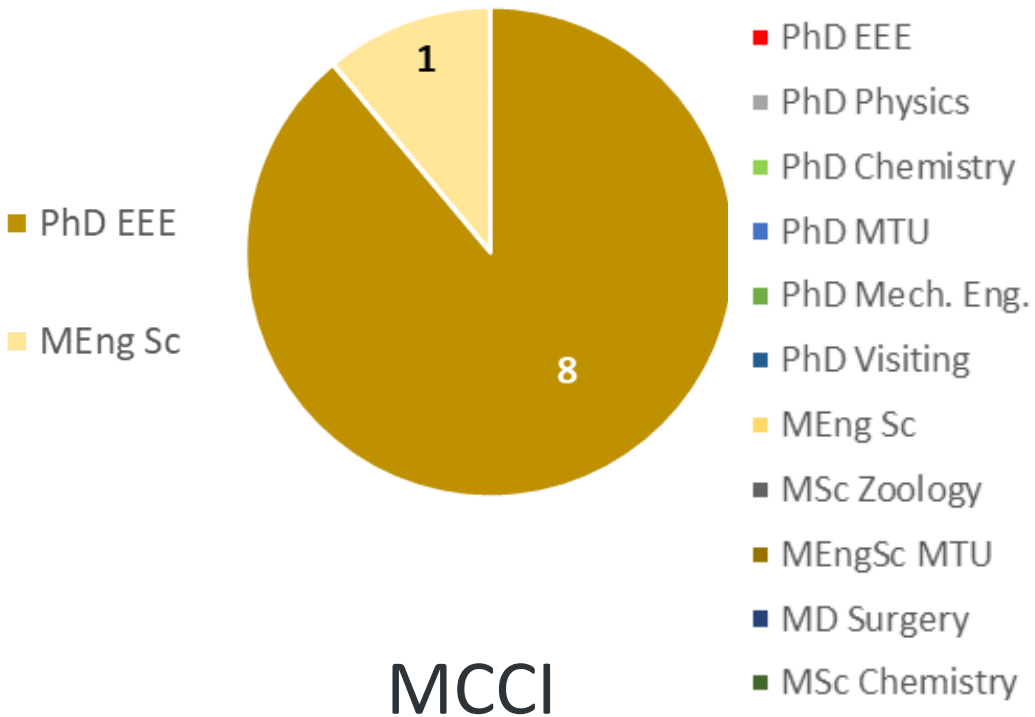
UCC
University College Cork, Ireland
Coláiste na hOllscoile Corcaigh

Rialtas na hÉireann Government of Ireland
Tionscadal Éireann Project Ireland 2040
Ireland's European Structural and Investment Funds Programmes 2014-2020
Co-funded by the Irish Government and the European Union
European Union
European Structural and Investment Funds

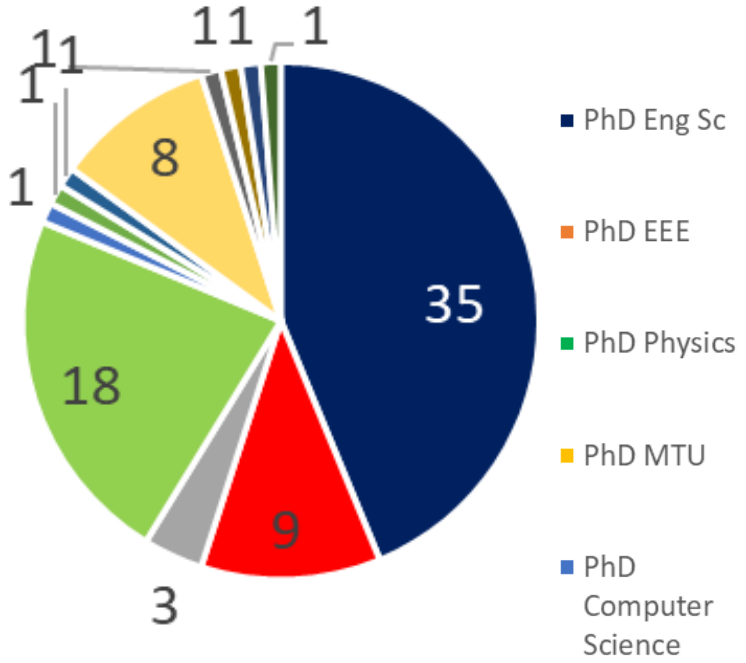
Training


Accredited modules
Bite-size opportunities
Self-driven initiatives
Tyndall
(GS, HR, TEC-Net)
UCC (HR, CIRTL, GSO)
Professional Societies
y Sumit Saengthong
Project

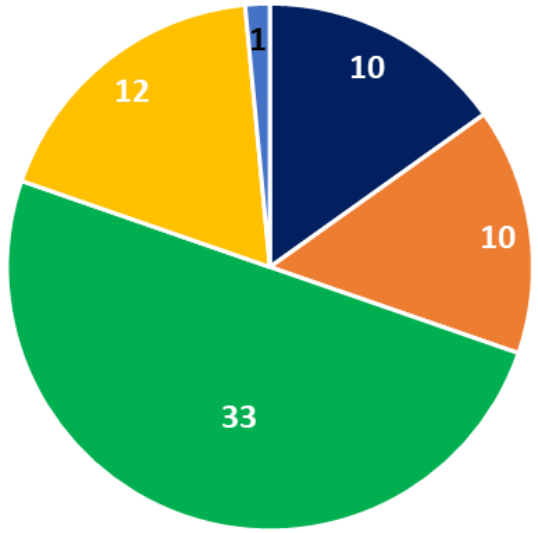
PG Diversity



MCCI



MNS

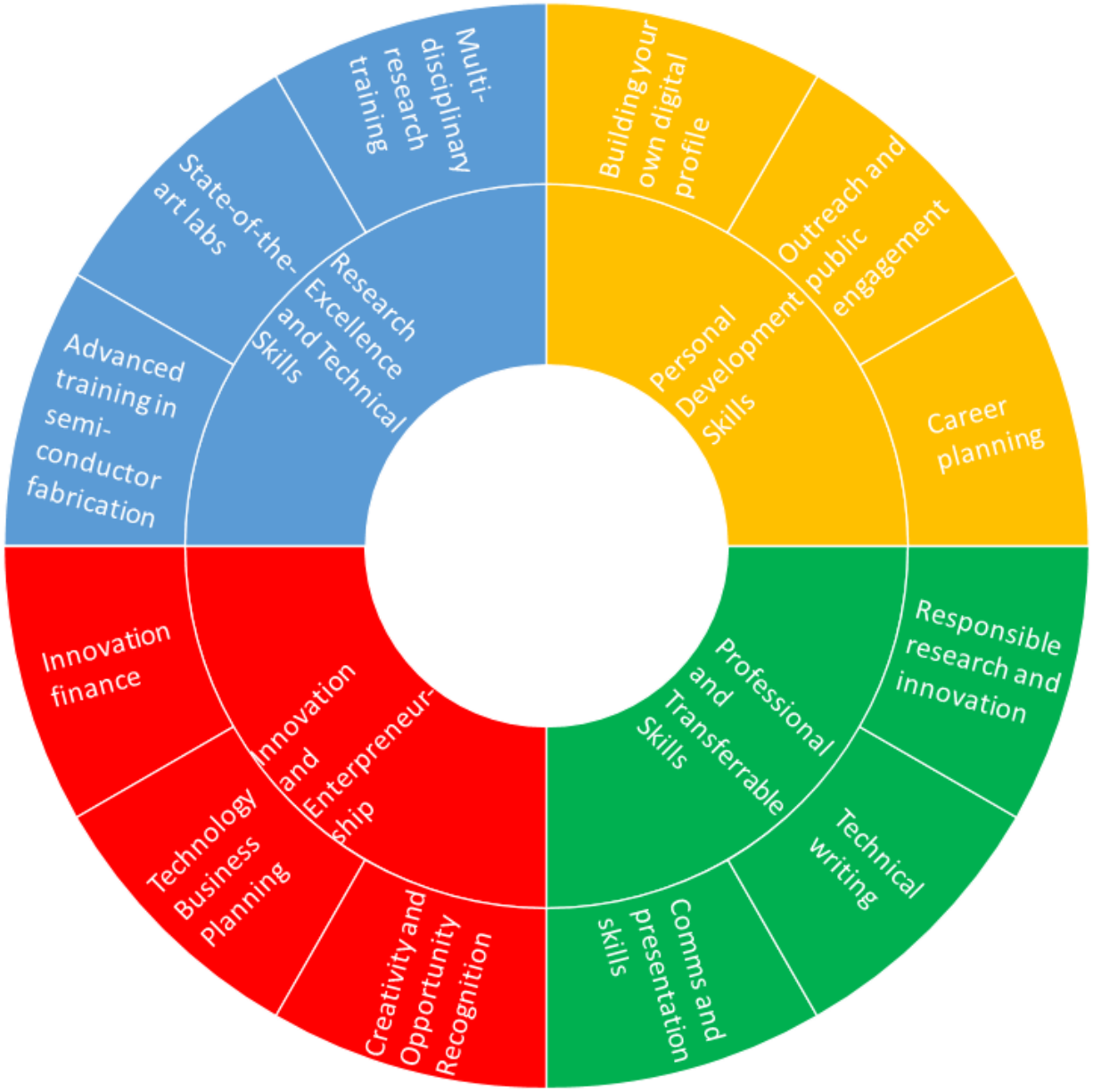


Photonics

- Tyndall's PG students are registered in a variety of programmes. Mostly in the School of Science, Engineering and Food Science (SEFS), but also other colleges.
- The breadth and diversity of projects have to be explored carefully in terms of training offerings. Levering existent modules is key.

GS Training Rationale

- Graduate Studies focus on delivering formal training through accredited modules with UCC, and facilitate recognition of external modules.
- Each PhD in Tyndall follows a bespoke training programme, and we support our students and supervisors in finding and selecting appropriate available modules.
- We assist in the creation of new accredited modules, when demand exists.
- We liaise with HR to create byte-size training in key transferrable skills and personal development.



Examples of accredited training for PG students

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Research Excellence and Technical Training

SE6014 Semiconductor Growth and Fabrication Technology
SE6020 Photonics Integrated Circuits Assembly and Packaging (new for 2021-2022!)
PG600 STEPS - Scientific Training for Enhanced Postgraduate Studies
PG6030 Reproducible Research Practices using R

Personal Development Skills

PG6029 Skills in Public Engagement of Science
PG6025 Community-Based Participatory Research

Innovation Commercialization and Entrepreneurship

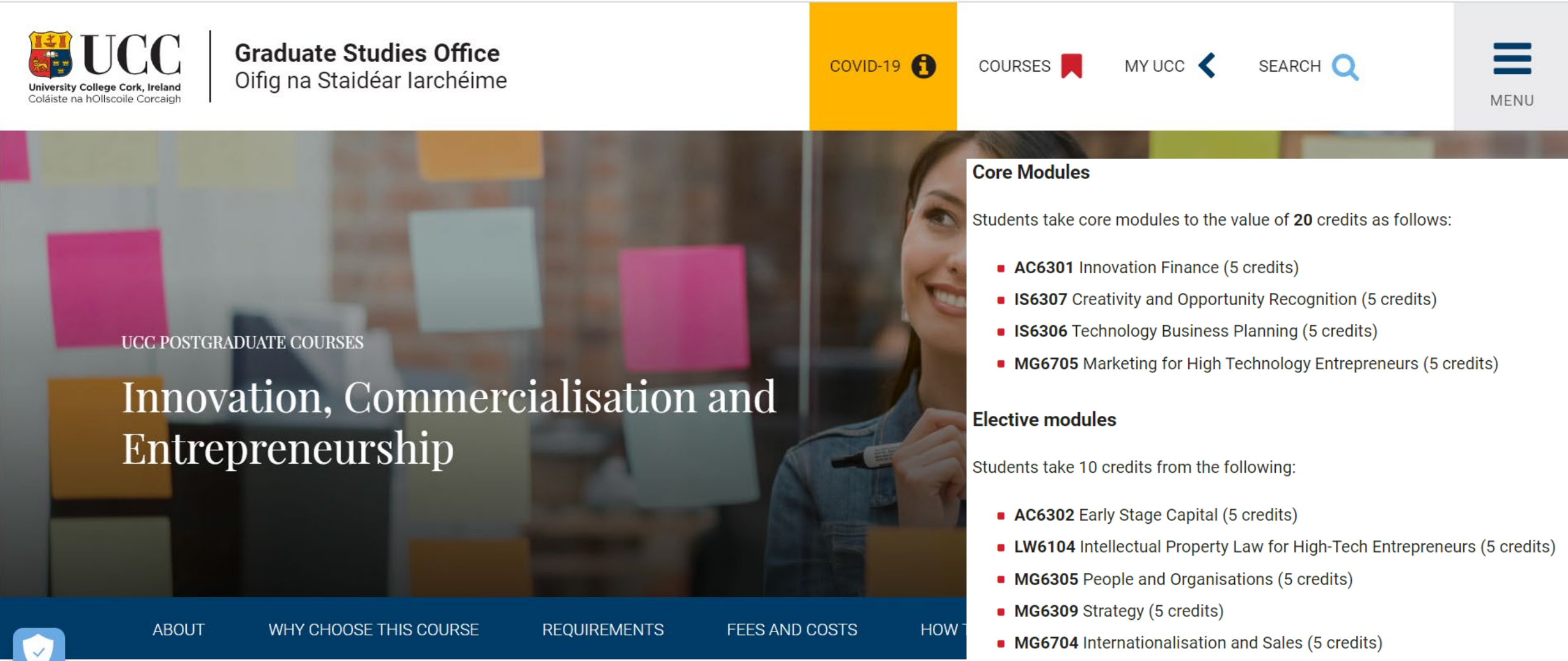
PG Cert: ICE Certificate
PG6018 Business Model Innovation Management
PG6020 Business Research Skills
PG7014 Creativity and Innovation for Research Students

Professional and Translational Skills

PG6015 An Introduction to Research Integrity, Ethics and Open Science
PG7017 Project Management for Research Students

Certificate in Innovation, Commercialisation and Entrepreneurship

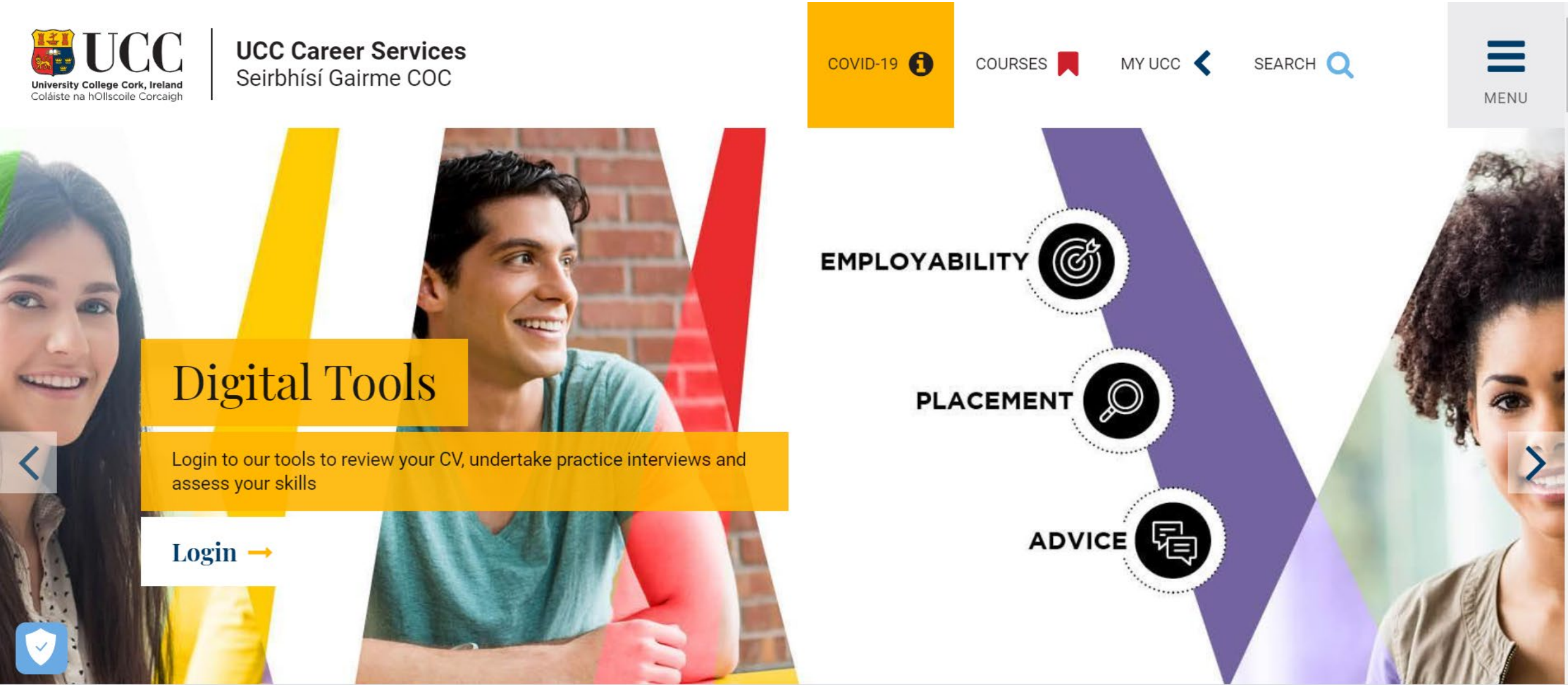
- Embedded with PhD Engineering Science – Stream 2 (https://www.ucc.ie/en/ckj17/)



Examples on leveraging training & resources available in UCC

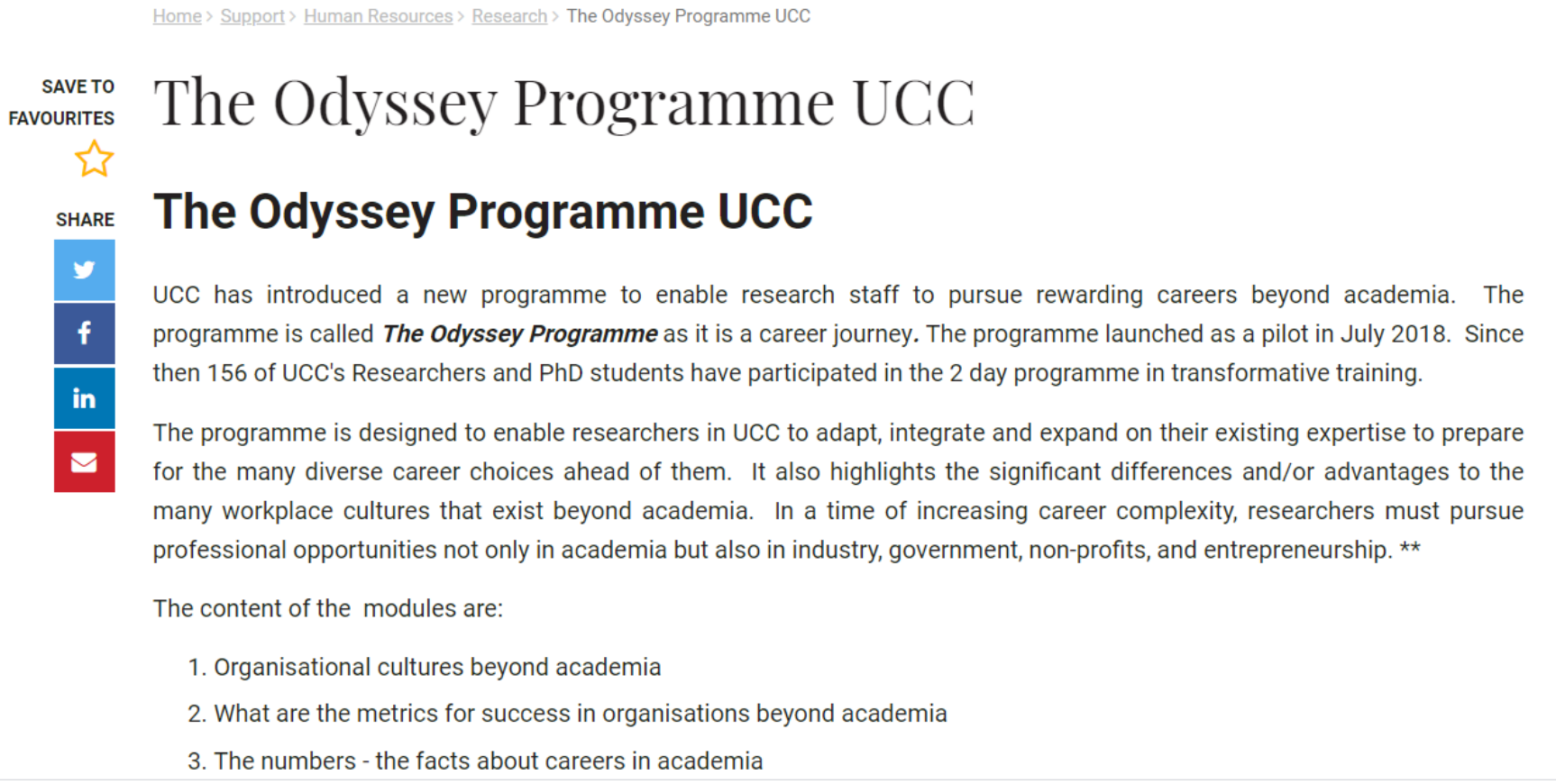
UCC Careers Service for Students

- Online resources for CV writing, interview practices and so much more.



UCC Training for PG students (non-accredited)

- Odyssey Programme
- Hugh Kearns's Workshops for PhD students
- SurVIVAl Workshop!
- Research café
- Orientation for Incoming Research Students



Home > Support > Human Resources > Research > The Odyssey Programme UCC

SAVE TO FAVOURITES

SHARE

The Odyssey Programme UCC

The Odyssey Programme UCC

UCC has introduced a new programme to enable research staff to pursue rewarding careers beyond academia. The programme is called ***The Odyssey Programme*** as it is a career journey**.** The programme launched as a pilot in July 2018. Since then 156 of UCC's Researchers and PhD students have participated in the 2 day programme in transformative training.

The programme is designed to enable researchers in UCC to adapt, integrate and expand on their existing expertise to prepare for the many diverse career choices ahead of them. It also highlights the significant differences and/or advantages to the many workplace cultures that exist beyond academia. In a time of increasing career complexity, researchers must pursue professional opportunities not only in academia but also in industry, government, non-profits, and entrepreneurship. **

The content of the modules are:

1. Organisational cultures beyond academia
2. What are the metrics for success in organisations beyond academia
3. The numbers - the facts about careers in academia

Training for Supervisors (examples only)

Sites worth checking:

On-line sessions for PhD and Research Staff 2021 (research)
Tyndall HR Training
UCC Training programme for Staff (wellbeing)
CIRLT - Centre for Integration of Research, Teaching & Learning

Note: Tyndall HR can also help you identify & register to those

- Identifying your role in supporting distressed students
- Engaging with People who are Angry, Anxious or Panicked
- Project Management // Project Management Skills
- Successful Team Leader: Challenging Conversations and How to Manage Them // Leading a Research Team
- Viva workshop for supervisors (2021 recordings available)
- Postgraduate Certificate in Teaching and Learning in Higher Education
- Supervising and Working with PhD Students
- Managing work expectations of ourselves and others
- Unconscious bias

Summary & Conclusions

- Our rationale is to enable bespoke PG training to each student, given the diversity of background, expectations and career ambitions within our cohort of students.
- We focus on accredited modules in UCC, creating new modules to address local demand, and facilitating recognition of external modules.
- We leverage existing bite-size training available through Tyndall HR and TEC-NET, but also UCC.
- Increase visibility of available training opportunities is probably an important action to take on board.
- Research integrity training should be looked at more closely perhaps creating a 3-tier engagement. A similar approach should be taken for ICE.

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