Science Undergraduate Research Experience

Science Undergraduate Research Experience (SURE): A National Network

A National Network responding to three requirements

1. Students need to gain authentic experience of the end-to-end research process as part of their undergraduate studies.
2. Curricula need to be designed to strengthen the entanglement of teaching and research.
3. Institutions need to work together in a national community to develop, enhance and share practice.

Keywords: Teaching and Research, Innovation, Communication

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SURE Network Undergraduate Research Annual Conferences

SURE Network Undergraduate Research Journal

SURE Network Curriculum Project

The SURE Network was established in 2017 by a community of Institutes of Technology committed to enhancing practice in undergraduate research in the Sciences. Its activities are:

Conferences: The SURE Network implements a series of annual regional undergraduate conferences. Three conferences took place in 2018 - in Dublin (DIT, IT Tallaght, DkIT), Athlone (AIT, GMIT, IT Sligo) and Waterford (WIT, CIT, IT Carlow). The conferences – which ran concurrently on 28th September 2018 - showcased the research work undertaken by students who completed their studies in 2018. Final year STEM students formed the audience and participated in workshops that provided them with guidance on conducting high quality research. The 2019 conferences will take place in TU Dublin, IT Sligo and IT Carlow on 27th September 2019.

Journal: Presenters at the conferences are invited to submit a paper to the SURE Undergraduate Research Journal, published online and edited by the SURE Network. This journal is launching in 2018.

Curriculum Development: The SURE Network is researching and developing models for the effective integration of research into the undergraduate curriculum in the Sciences. This has commenced with a national survey of models for the implementation of final year projects in the Sciences.

The SURE Network is supported by the National Forum for the Enhancement of Teaching and Learning in Higher Education.

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