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## President's Research Bursaries 2021/22

| Supervisor Profile                                     |   |
|--|---|
| <b>Name</b><br><b>Phone Number</b><br><b>Email</b>     | Karen Bailey<br>+353 (0)74 918 6311<br><a href="mailto:karen.bailey@lyit.ie">karen.bailey@lyit.ie</a>   |
| <b>Current Research Interests</b>                      | Karen's research interests include the areas of Steganography and Digital Watermarking where she has published a number of well received papers which have been extensively cited by other researchers. In addition to her interest in this area she has also carried out work on the use of Blockchain for securing traceability in the food supply chain and she has an interest in the use of adaptive gaming as a learning tool to support children with learning difficulties. |
| <b>Career Profile (Education and Employment)</b>       | Karen has been research active for approximately 15 years and has completed postgraduate qualifications in both Food Science and in Computing. She is also the co-author of a book on Steganography and her research has been cited over 500 times by other researchers.  |
| <b>Key Achievements</b>                                | Won the best students prize in her class for her second Masters in Computing.   |
| <b>Links to ResearchGate/LinkedIn Profile/ORCID ID</b> | <a href="http://www.researchgate.net/profile/Karen-Bailey-5">www.researchgate.net/profile/Karen-Bailey-5</a><br>0000-0001-6189-697X   |