Dr Declan Devine
PRISM Research Institute

TUS

Academic Supervisor Profile

Dr Declan Devine is the Director of the Polymer, Recycling, Sustainability, Industrial and Manufacturing (PRISM) Research Institute at TUS. He holds a BEng (2000) and PhD (2006) in polymer engineering. Prior to taking up this role, Declan has fulfilled a variety of roles both nationally and internationally. These roles include an industry based post-doctoral with Transitions Optical, a Senior Project Leader at the AO Research Institute in Switzerland and fellowships in both Harvard Medical Schools Center for Advanced Orthopaedic Studies and the Mayo Clinic's Rehabilitation Medicine Center as a part of his ERA Marie Curie Fellowship.

Declan is currently an academic director of the industry focused Enterprise Ireland funded APT Technology Gateway Centre* and is a funded investigator on the SFI funded Amber centre for Advanced Biomaterials and the Cúram Medical Device Centre.

Declan is listed on the Stanford University list of World Top 2% of Scientists globally in the field of polymers. Declan has a h index of 34 and has published in the fields of controlled release, medical device coatings, 3D printing scaffolds biodegradable polymers, additive manufacturing, bone regeneration and smart manufacturing.

Declan has supervised to completion five MSc and over 20 PhD students. He has supervised three MSCA fellows, three Research Ireland industry fellows and numerous post-doctoral researchers/research staff.

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Current Research Interests

- Sustainable polymer materials
- Biomedical polymers
- Composite materials
- Polymer based advanced and smart manufacturing

Contact Information

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