

## **EI Biomedical Research Medal 2022**

The Engineers Ireland Biomedical Research Medal sponsored by DePuy Synthes will be awarded to a PhD student who has been judged by a select committee to be making a significant contribution to the field of biomedical engineering research. The 2022 medal will be presented at the 27<sup>th</sup> Annual Conference of the Bioengineering Section of the Royal Academy of Medicine in Ireland (Bioengineering in Ireland) which will be held at [The Galmont Hotel](#), Galway, Ireland from Friday 21<sup>st</sup> – Saturday 22<sup>nd</sup> January 2022. Finalists will be shortlisted for the award based on the submission of an abstract for the conference and the finalists will be invited to submit a 6-page research paper and will present their research in a plenary session on the opening day of the conference. The Medal will be presented to the winner at a dinner that evening.

### **Eligibility**

Entrants for consideration must be registered for a PhD degree with a biomedical focus in an Irish University and must be eligible for membership of Engineers Ireland. To have sufficient depth of research, it is envisaged that only PhD students in the 3<sup>rd</sup> or 4<sup>th</sup> year of study will be considered.

### **The scope of papers considered**

The field of interest is the application of the concepts and methods of the physical and engineering sciences in biology and medicine. This covers a very broad spectrum ranging from formalised mathematical theory through experimental science and technological development to practical clinical applications.

### **The panel of judges**

The panel of judges will come from industry and academia and will be involved in the medical device industry and biomedical engineering fields. The panel will shortlist 4 finalists based on the quality of the abstracts submitted to Bioengineering in Ireland conference. These finalists will be invited to submit a 6-page paper on their research and will present their research papers in a plenary session on the opening day of the conference.

### **Assessment criterion**

1. The importance of the research topic and technical depth and novelty of the research paper.
2. The quality of the research presentation at the Bioengineering in Ireland conference.
3. The eligibility of the candidate for the Engineers Ireland Biomedical Medal Competition.

### **Recognition**

A commemorative EI Biomedical Research medal and increased €1,500 honorarium sponsored by DePuy Synthes will be awarded. The recipient will be encouraged to publish a feature article in the *Engineers Journal*, the official publication of Engineers Ireland

### **Time-scale**

- Submission of abstract: 26<sup>th</sup> November 2021.
  - Applicants must indicate during the abstract submission that they would like to be considered for the EI medal by ticking the appropriate box on the abstract template.
- Review by judging panel and announcement of finalists: December 2021.
- Submission of 6-page research paper: 5pm, Thursday, 13<sup>th</sup> January 2022.
- Presentation of papers by short-listed candidates and award of EI Biomedical Research medal and DePuy Synthes honorarium on Friday, 21<sup>th</sup> January 2022 at the Bioengineering in Ireland Conference

### **Research Paper Details**

- Submission deadline: 5pm, Thursday, 13<sup>th</sup> January, 2022.
- Maximum 6 pages (including title page, 200 word abstract, figures and references)
- Font: Times New Roman, size 12. Text: 1.5 spacing, 2.54cm margins, single column