



EI Biomedical Research Medal 2019

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 2019 medal will be presented at the 25th Annual Conference of the Bioengineering Section of the Royal Academy of Medicine in Ireland (Bioengineering in Ireland) which will be held at the Castletroy Park Hotel, Limerick, Ireland from Friday 18th-19th January 2019. 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 3rd or 4th 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 be chaired by a Committee Member of the Division of Biomedical Engineering of Engineers Ireland. Other members of the judging panel 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 eligibility of the candidate for the Engineers Ireland Biomedical Medal Competition.
2. The importance of the research topic and technical depth and novelty of the research paper.
3. The quality of the research presentation at the Bioengineering in Ireland conference.

Recognition

A commemorative EI Biomedical Research medal and a €1,000 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: 23rd November, 2018.
 - 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, 2018.
- Submission of 6-page research paper: 5pm, Wednesday, 9th January, 2019.
- Presentation of papers by short-listed candidates and award of EI Biomedical Research medal and DePuy Synthes honorarium on Friday, 18th January, 2019 at the Bioengineering in Ireland Conference

Research Paper Details

- Submission deadline: 5pm, Wednesday, 9th January, 2019.
- 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