



NUI Galway
OÉ Gaillimh

The First Annual Professor Anthony P. Moran Prize for a Postgraduate Research Paper in Microbiology

Eligibility

This Prize is open to PhD or M.Sc. students, currently registered at NUI, Galway who, as lead author, publish a high-quality research paper on any aspect of the microbiology of prokaryotic or eukaryotic micro-organisms. A non-exclusive list of topics are indicated below, but papers on all aspects of Microbiology will be considered.

- Cell and Molecular Biology of Microbes: gene expression and regulation, signalling and communication, stress responses, secretion, differentiation and development, cell cycles, ultrastructure
- Environmental and Evolutionary Microbiology: microbial ecology, non-pathogenic plant–microbe interactions, population genetics, community structures and interactions, biodegradation and bioremediation, biodiversity and evolution
- Microbial Genes and Genomes: systems biology, genomics and proteomics, metagenomics, synthetic microbiology, bioinformatics, gene transfer, chromosomes and extrachromosomal DNA, genome announcements
- Microbial Pathogenicity: mechanisms of human, animal and plant pathogenesis, virulence and virulence factors, cellular microbiology, infections and immunity, antibiotic-resistance mechanisms
- Microbial Physiology and Biochemistry: metabolic pathways and their regulation, bioenergetics and transport, synthesis of macromolecules, metabolomics.
- Microbial Biotechnology and Diagnostics.

Application process

Papers published during the calendar year 2011 are eligible for consideration and should be submitted to microbiology@nuigalway.ie with a covering letter confirming the role and input of the student as senior author and copying the academic supervisor by way of confirmation.

The closing date for entries is January 31st 2012.

Selection and award

The papers will be examined and shortlisted by a cross-disciplinary group of NUI, Galway-based expert scientists. The final selection will be made by the External Examiner in Microbiology and the winner will be announced during March 2012. The prize will include €300 and a certificate of achievement. The decision on the selection is final and no correspondence will be entered into with unsuccessful entrants.

The winner and summary of the research will be announced on the University web-site and various media outlets.