PhD Studentship Position on Genetics/Epigenetics of Heterosis in Plants
Plant & AgriBiosciences Research Centre (PABC), NUI Galway, Ireland.

Prof. Charles Spillane, Genetics & Biotechnology Lab, Plant and AgriBiosciences Research Centre, National University of Ireland Galway, University Road, Galway H91 REW4, Ireland. www.spillanelab.org

Ref No: NUIG Heterosis 15

Application Deadline: 1700 January 18th 2016

The Genetics & Biotechnology lab of Professor Charles Spillane in the Plant and AgriBiosciences Research Centre at the National University of Ireland Galway is inviting applicants for a Science Foundation Ireland (SFI) funded PhD position within the lab to work on genetics and epigenetics of heterosis (hybrid vigour) in plants. The PhD research will use the model plant Arabidopsis thaliana, and involve work on quantitative genetics, epigenetics, molecular genetics, microscopy, genomics and bioinformatics. The successful applicant will work closely with other research team members working on a Science Foundation Ireland (SFI) funded program on this topic within the lab. We are seeking highly motivated applicants who are eager to develop a long-term career in plant genetics and epigenetics research, including in translational research to crop and agricultural applications. The successful applicant will have significant and proven prior practical experience of Arabidopsis molecular genetics/genomics research in advanced research lab/institute settings. It is desirable that in addition to significant wet lab skills, successful applicants would also have skills in programming using Python, R; in quantitative genetics (e.g. GWAS studies); and phenomics approaches for measurement of plant growth. The successful applicant will be paid a tax-free stipend of €16,000 per annum and have their PhD fees covered.

Applicants should send an e-mail outlining in less than 200 words your research interest and motivations in relation to this position, including: (a) your C.V. (list
grades, interests, experimental skills, etc) & (b) contact details and e-mail + phone contacts for 3 referees to [charles.spillane@nuigalway.ie].

Websites:
www.spillanelab.org
www.plantagbiosciences.org

Please note that only applications that put **NUIG Heterosis 15** in the subject line of the email application will be considered.

The deadline for applications is 1700 Monday 18th January 2016

Prof. Charles Spillane, Genetics & Biotechnology Lab, Plant and AgriBiosciences Research Centre, National University of Ireland Galway, University Road, Galway H91 REW4, Ireland.

National University of Ireland, Galway is an equal opportunities employer.