UCD Research and Innovation



## Pen Picture for IRC Postgraduate and Postdoctoral Programmes

## Pen Picture for Irish Research Council Postgraduate and Postdoctoral Programmes (GOI, EPS and EBP)

Funder & Programme	IRC Postgraduate and Postdoctoral Programmes
Success Rates	PG schemes nationally 18% for EU and 9% for non-EU students. PD schemes nationally 12%. Similar success rate across AHSS and STEM.
Award Value	Postgraduate: 28,000 euro per annum, 1 to 4 years Postdoctoral: 47,783 euro per annum, 1 to 2 years
Success Factors for Programme	<ul> <li>Supervisor/mentor must be involved in research project development</li> <li>Applicant must ensure references are completed (over 10% fail due to missing references)</li> <li>Applicant must present a clear project plan and a specific training and career development plan</li> </ul>
Applicant Profile* – Gol Postgraduate Scholarships – UCD Success Rate 20%	<ul> <li>AHSS: Most applicants (80%) hold a master's degree and have commenced their PhD studies. Most applications were seeking 24/36 months of funding. Some applicants have received awards (many, 60%, have not) for high academic achievement. Most applicants (65%) have a record of publishing/presenting their work, or have been in a non-presenting capacity at a related conference in their field. Many applicants also have non-academic work experience. All of them have some research experience.</li> <li>STEM: Most applicants (70%) were new entrants to the PhD degree and apply for 48 months funding. About 60% had 1<sup>st</sup> class honours, whilst the rest had an upper 2<sup>nd</sup> class. All applicants had some research experience, but fewer had experience outside academia. Most (65%) of applicants did not have some form of previous academic achievement. About 35% of people had previous research published, but about 50% had presented at a conference related to their proposed study, or participated in some other way.</li> </ul>



Applicant Profile* – Gol Postdoctoral Fellowships – UCD Success Rate 14% Applicant Profile - IRC Programmes with Industry Partners	Most awardees (90%) have an undergraduate degree related to the proposed research. 70% also had a Masters in a related field. Most have at least one year of post-doc experience. The average had 3-5 published works, e.g. in journals or books. All applicants had presented at several conferences. Nearly all have been awarded some significant level of funding. Nearly all applications are seeking 2 year fellowships and demonstrate mobility from their PhD supervisors. On the average applicant profiles are similar to those for the Gol postgraduate and postdoctoral programmes (see next page for more detail). 80-90% awards are held in STEM schools. Most awards are for a 48-month PhD or a 2 year fellowship. <b>Enterprise Partner link.</b> Usually the school or the academic mentor has a strong existing collaboration with the industry partner. Several projects are linked to UCD spin-out companies. For employment-based postgraduate
	programme some applicants have been employed by the
	industry partner for 2+ years.
Suggested Local Supports	<ul> <li>Supervisor/mentor feedback and review</li> <li>Sharing of experiences from those who have been successful in the scheme</li> </ul>
Summary of supports offered by UCD Research	<ul> <li>UCD Help pack support issued to applicants and also available on UCD Research Intranet</li> <li>Clinic sessions offered for advice on drafts</li> <li>Institutional submission via IRC SmartSimple</li> <li>Handling of queries (proposalsupport@ucd.ie)</li> </ul>
Employment-based Postgraduate Programme* - UCD Success Rate 33%	All applicants had a least a second class honours bachelors degree. There was an even split between those who's degree was directly relevant to the proposed field of study vs those who's degree was not directly relevant. All applicants had completed a Masters in the same field of study as the proposed Doctorate. On average, the applicants had 4 pieces of previous research work published in a book/journal and had presented a conferences on several occasions. Most applicants had non-academic experience that was related to the proposed field of study. All applicants were applying for a 48 month structured doctorate. Industry contribution: at minimum 9,500 per annum paid to scholar as part of the funding the student Primary location for scholar: industry partner's premises. Scholar must be employed by the company for the duration of the PhD.
Enterprise Partnership Postgraduate Programme* - UCD Success Rate 40%	Most applicants did not possess a master's degree, but all bachelor degrees were directly related to the proposed field of research. Many applicants had related non- academic work experience. About half of successful applicants had previous work published/presented at conferences. Enterprise Partner link – the school or the academic mentor has a strong existing collaboration with the



	enterprise partner. Several projects are linked to large multinational companies who have collaborated with UCD for many years. Industry contribution: one third of the total value of the Scholarship paid to IRC (maximum contribution of €9,500 per annum) Primary location for scholar: UCD
Enterprise Partnership Postdoctoral Programme* - UCD Success Rate 80%	Awardees have 0 to 2 years of post PhD experience. All applicants held previous academic awards and on average received €96,800 in award funding. On average, the applicants had 2 published pieces of research work in a book/journal and presented at a conference on at least one occasion. Enterprise Partner link – the school or the academic mentor has a strong existing collaboration with the enterprise partner. Several projects are linked to UCD spin-out companies. Industry contribution: one third of the total value of the Fellowship paid to IRC (maximum contribution to a 24 month Fellowship is €34,726) Primary location for fellow: UCD

\* Profiles are based on new awards made in 2022