

**Postdoctoral Researcher: Investigating the role of patent law in species de-extinction.**  
**School of Natural Sciences, College of Science and Engineering**

**Ref. No. NUIG- RES 215-22**

Applications are invited from suitably qualified candidates for a full-time fixed term position as a post doctorate researcher with Zoology at the University of Galway.

**Information on project**

Due to success in the Irish Research Council Coalesce Awards Programme 2020, we are seeking a post doctoral researcher to join our project: Jurassic Patents – Patent Law and the Value of Species in the Age of De-extinction. Drawing on a combination of legal, qualitative and quantitative methodologies, this project aims to examine whether patents could be the vector to attract funding for cryobanking and de extinction projects both in Europe and the United States. The project also aims to investigate how society relates to recently extinct species and how this may result in taxonomic biases that influence the cryobanking and de-extinction processes and ultimately which species are likely to be picked for de-extinction in the coming century. The interdisciplinary team, led by Dr. David Doyle (Maynooth University) and Dr. Kevin Healy (National University of Ireland, Galway), will develop knowledge about the legal and commercial implications of cryobanking and the de-extinction of non-human species in the twenty-first century. We are looking to appoint a candidate to conduct research on the potential legal and commercial implications of patenting de-extinct species under European and United States Patent Law.

**Job Description:**

The successful candidate will focus on using comparative methods to test the potential impact of patent law on the prioritisation of species for future de-extinction. This will include collating data from databases such as the IUCN red list and using comparative methods to assess and rank species on their suitability for de-extinction from practical, ecological, social and legal perspectives. The candidate will be required to link with project colleagues at the University of Maynooth.

**Duties:**

- Working under the supervision of principal investigators Dr David Doyle and Dr Kevin Healy
- Collating data relating to the ecological and physiological aspects of potential candidate species for future de-extinction.
- Conduct comparative analysis using R programming language.
- Lead and collaborate on writing of academic papers for publication.
- Present findings at international scientific meetings.

**Essential Requirements**

- A PhD in an area of relating to Biology, Conservation or Ecology.
- Excellent Quantitative skills.
- Experience of working with R or other similar programming languages.
- Ability to publish in international journals.
- Experience of presenting at international conferences.



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**Desirable Requirements:**

- Experience working with conservation data.
- Experience in engaging with the media and outreach events.
- Ability to speak the Irish language.
- Experience in Interdisciplinary Research

**Salary:** €39,523.00 to €41,940.00 per annum pro rata for shorter and/or part-time contracts (public sector pay policy rules pertaining to new entrants will apply).

**Start date:** Position is available from 1<sup>st</sup> November 2022

**Continuing Professional Development/Training:**

Researchers at NUI Galway are encouraged to avail of a range of training and development opportunities designed to support their personal career development plans.

Further information on research and working at NUI Galway is available on [Research at NUI Galway](#)

For information on moving to Ireland please see [www.euraxess.ie](http://www.euraxess.ie)

Further information about the University of Galway and the School of Natural Science is available at [https://www.nuigalway.ie/natural\\_sciences/](https://www.nuigalway.ie/natural_sciences/).

Informal enquiries concerning the post may be made to Dr Kevin Healy (kevin.healy@nuigalway)

**NB:** Garda vetting is a requirement for this post (as appropriate to Child Protection Policy)

**To Apply:**

Applications to include a covering letter, CV, and the contact details of three referees should be sent, via e-mail (in word or PDF only) to Dr Kevin Healy: kevin.healy@nuigalway  
Please put reference number **UOG-JP-2022** in subject line of e-mail application.

**Closing date for receipt of applications is 5.00 pm 30<sup>th</sup> September 2022**

**Interviews are planned to be held on the 18<sup>th</sup> October 2022**

We reserve the right to re-advertise or extend the closing date for this post.

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

All positions are recruited in line with Open, Transparent, Merit (OTM) and Competency based recruitment

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engage with our Researcher Development Centre (RDC) upon commencing employment - see [www.nuigalway.ie/rdc](http://www.nuigalway.ie/rdc) for further information.'



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