



Molecular Ecology and Fisheries Genetics Laboratory



<http://mefgl.bangor.ac.uk/>

Lectureship in Molecular Ecology and Genomics (Grade 7 or 8), School of Biological Sciences, Bangor, UK

The School of Biological Sciences is currently commencing a search for a Lecturer in Molecular Ecology and Genomics (Grade 7 or 8). In particular, the Molecular Ecology and Fisheries Genetics Laboratory (<http://mefgl.bangor.ac.uk/>) will be seeking a new team member and collaborator to join existing faculty and strengthen research and teaching capability. Current Principal Investigators comprise Gary Carvalho, George Turner, Si Creer, Wolfgang Wüster and Anita Malhotra with interests spanning fisheries genetics, speciation, venom/genome evolution, pollinators, phylogeny, systematics and a diverse array of environmental genomics applications. The MEFGL is housed in the bespoke, recently constructed Environment Centre Wales Building (ECW), linking the MEFGL to the Schools of Ocean Sciences, Environment, Natural Resources and Geography and the NERC Centre for Ecology and Hydrology (CEH), facilitating a host of collaborative opportunities. The MEFGL benefits from fully equipped molecular labs (molecular ecology and environmental DNA), high-throughput sequencing capability across a number of UK genome centres and bioinformatic capability via local servers and the HPC Wales supercomputing genomics gateway.

In addition to exploring fundamental issues in molecular ecology and evolution, the MEFGL contributed significantly to the 2014 UK Research Excellence Framework (REF) exercise, through both the inclusion of high impact outputs, and in the provision of an Impact Case Study focusing on wildlife forensics and traceability in marine fisheries. The MEFGL also contributes significantly at an international level, with members on the editorial teams of leading journals in the field, such as *Proceedings of the Royal Society Lond. B*, *Molecular Ecology*, *Molecular Ecology Resources*, *Fish and Fisheries*, and *Conservation Genetics*. Recent conferences hosted by the group include the annual meeting of the UK Environmental DNA (eDNA) working group and a major international symposium on *Fish, Genes and Genomes* in July 2016 with leading key-note speakers such as Robin Waples, Craig Primmer, Louis Bernatchez, Jenny Ovenden and John Casey. More broadly, research in the School of Biological Sciences is ranked in the top 20 Universities in the UK (2014 REF). Across the University, three-quarters of Bangor's research is either world-leading or internationally excellent.

Applications from candidates in the fields of molecular ecology, evolutionary biology and genomics in its broadest sense are welcomed.

Where is Bangor?

Bangor is located in North West Wales, UK, situated in an area of outstanding natural beauty between Snowdonia National Park and the sea (<http://www.bangor.ac.uk/bangortv/bangorandthearea.php>), providing an

opportunity for a very high standard of living amongst a spectacular and inspiring natural environment. International links are facilitated easily via both Liverpool and Manchester airports and London is just over 3 hours away via high speed trains.

The closing date for applications is 30th September 2016 and the application process can be found at <https://jobs.bangor.ac.uk/>, job reference: BU01253.

Any questions, please pay a visit to the MEFGL website <http://mefgl.bangor.ac.uk/> and liaise with Prof G Carvalho (tel: +44 (0) 1248 382100, e-mail: g.r.carvalho@bangor.ac.uk, Dr. S Creer (tel: +44 (0) 1248 382302), email: s.creer@bangor.ac.uk or your chosen MEFGL investigator.