

JOB DESCRIPTION

JOB ROLE: Project Technical Officer

JOB HOLDER: Tba

JOB PURPOSE: To provide technical support to the OCEAN DEOXYFISH project

ACCOUNTABILITY: Line management of the Technician will be provided by Prof David Sims who is accountable to the Director of Science



Essential experience/skills/qualifications:

- A science degree or equivalent in a relevant discipline
- Experience of undertaking and managing sea-going expeditions including legal authorisations, safety documentation, equipment, consumables, PPE, and on-site logistics
- Experience of designing and/or constructing field equipment including sourcing and purchasing and testing of instruments for deployments at sea
- Experience of sea-going research support work on small vessels with an emphasis on safe capture, handling and husbandry of large marine species
- Experience of conducting and managing laboratory aquarium work and system maintenance including experimental aquaria and life-support systems for large marine species
- Experience with developing and managing practical working procedures/protocols and safety guidelines to work including risk assessments for a research group
- Computer skills with experience of programming equipment
- Data management skills with a focus on collating and quality control of metadata for electronic archiving
- Experience handling, testing and maintaining delicate equipment
- Patience to work under pressure with excellent coordination skills and high attention to detail
- Strong prioritisation skills and scheduling with efficient time management
- Excellent communication and interpersonal skills
- Good report writing skills and willingness to communicate project updates, including creation of relevant diagrams and documentation
- Reliable and independent individual with own initiative
- Prioritising support tasks for long term products
- Experience working in a laboratory setting and carry out tasks in compliance with Health and Safety and other relevant Regulations
- To ensure responsibilities identified within internal processes such as Health & Safety Guidelines are robustly met by all Research Team members

Desirable experience/skills/qualifications:

- Animal handling/husbandry qualifications with a focus on aquatic species

- Demonstrated experience and knowledge of shark ecology and conservation
- Experience engaging with academic researchers and the peer-review process
- Familiarity working with geospatial or animal movement data
- Experience designing and creating science outreach media such as graphical abstracts and infographics
- Article writing experience with range of audiences

Key responsibilities and skills

- Contribute to high-quality research to deliver objectives of the OCEAN DEOXYFISH project working both individually and/or collectively with in-house and remote team members.
- Manage the research group's technical requirements for sea-going expeditions to deploy instruments and other equipment
- Manage the research group's aquarium-based flume respirometer facility and instruments for obtaining measurements on behaviour of marine species
- Manage collation of archived metadata for all field and laboratory experiments
- Manage maintenance schedules of field and laboratory equipment
- Administrative management and development of the group's health and safety documentation and training records for field and laboratory work
- Lead the construction of equipment for field and laboratory research
- Provide regular progress reports on technical provisions for field and laboratory work.
- Contribute to the preparation of scientific publications led by other team members.
- Engage in regular group meetings to progress research objectives and support lab members.
- Contribute to provision of support and assistance in training postgraduate students with defined projects supervised by other team members
- Undertake relevant in-house and external training to enhance professional development with relevant mandatory training
- Working in a laboratory setting and carrying out tasks in compliance with Health and Safety and other relevant Regulations
- Undertake adhoc tasks identified as being within the job holder's capabilities