**Post Title:** Research Assistant in ICT Project Management [Flexible Hours]

**Post Duration:** 2 years

**Salary Scale:** Research Assistant [€48,000-€62,000]

**Location:** Trinity College Dublin

**Reports to:** Spoke Director

**Closing Date:** 13 Oct 2022

**Apply:** [https://forms.gle/Eaq4prsfs3SJQ1RB6](https://forms.gle/Eaq4prsfs3SJQ1RB6)

### The Purpose of the Role

The ADAPT Centre is looking to employ a Research Assistant in ICT Project Management to facilitate the direction, coordination and governance of the PRECISION ALS program of research activities. Key to this role is managing the delivery of the research project work packages and targeted industry led research projects. The Research Assistant in ICT Project Management will monitor the research work packages ensuring the successful delivery of multiple, concurrent activities within the program. The candidate will oversee the research work tracking the research development and mapping this against the schedules and budgetary roadmaps. This is an exceptional opportunity to be part of a leading edge program that combines computer science and healthcare. You will be working with a multi-disciplinary team of experienced clinical and technical researchers dedicated to exploring and improving diagnostic outcomes.

### Context:

Precision ALS is a €10 million research programme funded under the Science Foundation Ireland (SFI) “Spokes” Programme, involving researchers at the SFI Research Centres ADAPT and FutureNeuro along with the TRICALS Consortium, Europe’s largest ALS research initiative. National and International industry partners and charities including patient organisations are also actively participating.

Precision ALS will provide an innovative and interactive platform for all clinical research in ALS across Europe, that will then harness artificial intelligence (AI) to analyse large amounts of data. The programme cements Ireland’s world leadership position in MND research and Artificial Intelligence, and will generate scores of new jobs in clinical and data science research, new technologies and drug development for Ireland.

ALS/MND causes progressive decline in movement, cognition and behaviour. Although uniformly fatal, life expectancy can vary from 3 months to many years from first symptom, and there are no effective treatments. Irish researchers, along with their European collaborators in ALS/MND, have shown that the disease is caused by variable combinations of faulty genes that likely interact with lifestyle and environment. Using “big data analysis”, Precision ALS will provide the technology to improve our understanding of how these factors impact the development of the disease. This in turn will inform which treatments will work for each individual, instead of a one-size-fits-all approach.

Precision ALS is a unique programme that brings together Clinicians, Computer Scientists, Information Engineers, Technologists, and Data Scientists. The researchers will work together with a number of companies including Biogen, Novartis, Takeda, IQVIA, Roche and Accenture to generate a sustainable precision...
medicine-based approach towards new drug development that will have many benefits including better clinical outcomes for patients and reducing the economic cost of these diseases.

On completion, Precision ALS will be a first-in-kind modular transferable pan-European ICT framework for ALS that can be easily adapted to other diseases that face similar precision medicine-related challenges.

The project commenced in December 2021 and will run for four years.

The Research Assistant in ICT Project Management will work closely with the core PALS team including the Clinical Research Project Manager, the various work package leaders, principal investigators, researchers, ICT professionals and industry partners to understand, monitor and document requirements priorities and research outcomes. The candidate will work with the various researchers to deliver a diverse range of innovative work packages for both industry and clinical teams and should be experienced in managing tight deadlines and remote teams. The program would benefit from having a strong communicator with a background in research project management.
Main Responsibilities:

Reporting to the Spoke Executive Manager, Research Assistant in ICT Project Management will

- Work closely with PALS Spoke Directors, Clinical Research Project Manager, work package leaders, principal investigators, researchers, ICT professionals and industry partners to understand and document customer requirements and priorities
- Have a clear understanding of the different research project components
- In partnership with the Spoke Leader, Spoke Operations Manager, Clinical Research Manager, Work Package Leaders, PALS Data Protection Officer and work package teams
  - Quickly get up to speed on the various work packages and the different research components and deliverables.
  - Lead on and mobilise the agreed project methodology with researchers, team members and other stakeholders for each project and associated work packages.
  - Define and implement the research project plans - this includes but is not limited to: project scope definition, work break-down, resource planning, schedule development, budgeting and reporting requirements.
  - Drive the execution of the plan, monitor the performance of all aspects of the project. Evaluate the performance of the project, resolve issues or escalate as required.
- Manage the concurrent ICT research and system development activities as per the project plan.
- Manage project risk and change.
- Ensure that all research objectives are clearly defined and are delivered to the established levels of quality, on time and within budget.
- Ensure project and research deliverables are aligned with the project plan and with the overall project objectives.
- Provide project progress and status reports on all aspects of projects to all key stakeholders and project team members. These include the regular Project team meeting, the steering committee meeting and the budget committee meeting.
- Provide financial status reports of each assigned project including partner in-kind contributions, ensuring that costs are attributed to the correct work packages.
- Ensure intellectual property assets are managed appropriately – ensuring industry partner confidentiality as needed.
- Have a clear understanding of the the context and importance of privacy and data protection as well as an awareness of data protection legislation and principles along with the technical and organisational security measures that are required when processing data.
Person Requirements

Qualifications:
The candidate appointed to this post should have a degree in Computer Science, Computer Engineering or a health related background.

The successful candidate must have a minimum of 3 years’ project management experience in the health sector, a software development environment, or with industry-focussed technology research projects.

Professional accreditation(s) in software development or project management methodologies is an advantage.

Knowledge:
- Familiarity with research goals and methodologies
- An awareness of the scientific evaluation and publication process.
- Excellent organisational, communication and conflict resolution skills.
- Experience of traditional and Agile software development methodologies.

Experience:
- Experience in research, healthcare or health informatics
- Experience in working with multi-disciplinary and dispersed teams.
- Should possess excellent computer skills with experience of project management and collaboration tools.
- Experience with designing and mobilising the project management process.
- Experience of implementing the entire project lifecycle.
- Experience with supporting user trials and/or system performance evaluations.
- Understanding of the context and importance of privacy and data protection as well as an awareness of data protection legislation
- Experience working in a diverse, multicultural organisation

Skills:
- Excellent written and oral proficiency in English (essential), excellent communication and interpersonal skills both written and verbal.
- Clear grasp of health and computer science research concepts and ability to manage a number of research components and understand how they work together to deliver the overall Precision ALS Program
- Ability to problem solve, to brainstorm and to generate innovative ideas and solutions
- Proven ability to prioritise workload and work to exacting deadlines
- Ability to negotiate access to resources in a matrix-type organisation
- Strong communicator
- Pays close attention to project requirements and proactively delivers
Ability to learn quickly and adapt to changing requirements

Benefits
- Competitive salary
- Flexible working arrangements
- Computer and peripherals of your choice
- A fast-paced environment with impactful work
- Pension
- Day Nursery
- Travel Pass Scheme
- Bike to Work Scheme
- Employee Assistance Programme
- Sports Facilities
- 22 days of Annual Leave
- Paid Sick Leave
- Training & Development
- Staff Discounts

Application Process
To assist the selection process, candidates should submit a Curriculum Vitae and a Cover Letter (1x A4 page) that specifically address the following points in their application:
1. Applicants should clearly address their project management experience in working on complex projects with a number of work packages with diverse teams and goals
2. Outline their desire to work on a sophisticated healthcare program and outline any relevant experience.

Diversity
ADAPT is committed to achieving better diversity and gender representation at all levels of the organisation, across leadership, academic, operations, research staff and studentship levels. ADAPT is committed to the continued development of employment policies, procedures and practices that promote gender equality. On that basis we encourage and welcome talented people from all backgrounds to join ADAPT.

About the ADAPT Centre
ADAPT is the world-leading SFI research centre for AI Driven Digital Content Technology, coordinated by Trinity College Dublin and based within Dublin City University, University College Dublin, Technological University Dublin, Maynooth University, Munster Technological University, Athlone Institute of Technology, and the National University of Ireland Galway. ADAPT’s research vision is to pioneer new forms of proactive, scalable, and integrated AI-driven Digital Content Technology that empower individuals and society to engage in digital experiences with control, inclusion, and accountability with the long term goal of a balanced digital society by 2030. ADAPT is pioneering new Human Centric AI techniques and technologies including personalisation, natural language processing, data analytics, intelligent machine translation human-computer interaction, as well as setting the standards for data governance, privacy and ethics for digital content.