



Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin



Lab Manager / Research Assistant Position at the Trinity Centre for Biomedical Engineering

Position: Lab Manager / Research Assistant

Description of role:

The primary purpose of this role is to provide technical and administrative support to Prof Daniel Kelly's research group within the Trinity Centre for Biomedical Engineering (TCBE), with an emphasis on Tissue Engineering and 3D Bioprinting. In particular, the successful candidate will support the implementation of a European Research Council (ERC) grant awarded to Prof Daniel Kelly. The successful candidate will join a team of postdoctoral researchers and postgraduate students based in the TCBE.

The principle duties of the post will include (but not limited to):

- Provision of administrative and technical support to researchers and students working within the TCBE laboratories. This will include ordering of consumables, chemicals and equipment as required, training new researchers and visiting students;
- Monitoring of stocks of laboratory reagents & supplies and responsibility for procurement of same. This will include aliquoting reagents for cell culture;
- Facilitating public engagement & outreach activities, including engagement with Communications Department and media as required;
- Provision of assistance to researchers and students with activities such as biochemical assays, histology, mechanical testing, cell and tissue culture and general problem solving;
- Interacting with research, technical and academic staff members in the development and implementation of research activities;
- Provision of administrative support to Prof Daniel Kelly, including budget spend monitoring, invoicing and purchasing card transactions;
- Partaking in continuing professional development courses to stay abreast of the latest associated technologies.

For more information about the position, please contact Prof. Daniel Kelly (kellyd9@tcd.ie).

Applicant criteria:

Candidates for this role are expected to possess a strong understanding of the day to day activities of a teaching and research environment with an aptitude and willingness to immerse themselves in new and emerging technologies. The candidate must have a degree in Biomedical Engineering, Mechanical Engineering, Biomedical Sciences or a related discipline. Previous experience in 3D (bio)printing, hydrogels, tissue engineering, cell culture, biochemical analysis, mechanical testing, histology techniques would be advantageous, although not a requirement as training in key areas will be provided. Excellent written and oral communication skills are essential.

Start Date: From January 2022 onwards; position will remain open until it is filled.

Salary: Based on experience; the Irish University Association (IUA) Researcher Salary Scale will be used.

How to apply: CVs with the names and contact details of three referees should be submitted *via* email to Prof. Daniel Kelly (kellyd9@tcd.ie).

The Kelly Lab: Dr Daniel Kelly is the Professor of Tissue Engineering at Trinity College Dublin. He is also the co-lead of the 'Materials for Health' platform in AMBER, the Science Foundation Ireland funded materials science centre based in Trinity College Dublin. He is a past recipient of a Science Foundation Ireland President of Ireland Young Researcher Award, a Fulbright Visiting Scholar grant (at the Department of Biomedical Engineering in Columbia University, New York) and four European Research Council awards (Starter grant 2010; Consolidator grant 2015; Proof of Concept 2017; Advanced grant 2021). His lab focuses on developing novel tissue engineering and 3D bioprinting strategies to regenerate damaged and diseased musculoskeletal tissues. The successful applicant will join a dynamic, multidisciplinary lab consisting of 15 postdoctoral researchers and PhD students based in the Trinity Centre for Biomedical Engineering. More information can be found here: <https://www.tcd.ie/biomedicalengineering/regenerative/kellylab/>

About the Trinity Centre for Biomedical Engineering (TCBE): TCBE is a key research centre in Trinity College combining fundamental research with translation to clinical practice. TCBE provides a structure to bring bioengineers, basic scientists and clinicians together to focus on important clinical needs and has four key research themes: Medical Devices & Advanced Drug Delivery, Neural Engineering, Biomechanics & Mechanobiology, Tissue Engineering & Regenerative Medicine. The project work will be carried out in our state-of-the-art facilities located in the Trinity Biomedical Sciences Institute.

About the Advanced Materials and Bioengineering Research Centre (AMBER): AMBER is a Science Foundation Ireland funded centre that provides a partnership between leading researchers in materials science and industry. More information can be found at <http://ambercentre.ie/>

The AMBER research centre, as a community of researchers, welcomes its responsibility to provide equal opportunities for all. We are actively seeking diversity in our research teams and particularly encourage applications from underrepresented groups.