

Faculty of Science and Information Technology

Research Associate/Laboratory Manager

School of Mathematical and Physical Sciences

Position No. 1038

General Information

The [Centre for Organic Electronics](#) (COE) is exciting new initiative at the University of Newcastle focusing on the development of new electronic devices at the intersection between semiconductors and plastics. The COE brings together researchers from Physics and Chemistry to address the scientific challenges associated with developing new organic electronic materials and devices with applications in renewable energy research, biotechnology and photonics.

As part of recent funding by the [Australian National Fabrication Facility](#) (ANFF), the COE seeks to recruit a new laboratory manager for its organic electronic fabrication and characterisation facilities at the University of Newcastle. These multi-million dollar facilities include: ultra-high vacuum XPS/AES systems, glove box based spin coating and testing facilities located in a class 1000 clean room and an Atomate PECVD deposition system for fabricating nanostructured surfaces.

This position is available on a fixed-term basis for a period of 4 years.

Position Description

The successful candidate will be expected to:

- manage and maintain the facilities at the University of Newcastle and support the research activities and projects of both in-house and external users.
- demonstrate a commitment to servicing the technical requirements of users and providing a high-quality user experience
- maintain their own programme of high quality research in the area of organic electronics.
- acquire a detailed understanding of the ANFF structure, policies, practices and protocols and those of the constituent nodes.

They will have a breadth of research interests in soft condensed matter device physics and a strong commitment to supporting users. They will also have demonstrated a capacity to conduct high-quality research through internationally refereed publications and competitive research grants. The candidate should ideally have experience in the organoelectronic device design, fabrication and testing. The position will involve working in a dynamic and multidisciplinary research centre with a focus on developing new organic electronic devices.

Selection Criteria:

- PhD in field of study relevant to the above position description
- Demonstrated capacity to undertake and publish quality research at an international level in a field complementary to the Centre for Organic Electronics' research strengths
- Excellent interpersonal skills ensuring effective communication with staff and students
- Ability to work independently and collectively as a member of a cohesive team.
- Post-doctoral experience in organic electronic device fabrication and testing
- Experience or knowledge of managing scientific facilities.
- Experience or knowledge of UHV-based systems and facilities
- Enthusiasm for supervising honours and postgraduate student projects

The [Position Classification Standard](#) for Research only Academic, Level B should be viewed before applying.

Conditions and Benefits

Academic Level B \$69,043 to \$81,990 per annum.

The basic contribution for superannuation will be made by the University into Unisuper Accumulation 1. Contributory superannuation with additional employer contributions is not available with this appointment.

A range of flexible salary packaging options is also available.

Further information on benefits and conditions of employment is available at the following link:

<http://www.newcastle.edu.au/service/employment/conditions.html>

Further Information

For additional information on the position contact Prof Paul Dastoor, tel: +61 249215426, email:

pdpd@alinga.newcastle.edu.au .

Related Links

- [Centre for Organic Electronics](#)
- [University of Newcastle Annual Report](#)

Closing Date

Applications close on **Sunday 2nd November 2008**.

Note: Your application **must** include a statement addressing the selection criteria.

All applications **must** include the Application for Employment Cover Sheet ([PDF](#) or [MS Word](#)) including an email and/or fax address for each nominated referee.

Please read the important information contained via the [How to apply](#) link before submitting your application.

Submitting Your Application

DO NOT send your application to the Faculty or Division in which the position is located.

Internal Applicants

Current University of Newcastle staff members MUST use [HRonline](#) to lodge their application.

- Log into [HRonline](#)
- Click on University Job Vacancies
- Click Apply for a Vacancy and select the position you wish to apply for

External Applicants

Please forward your application **by email** to: employment@newcastle.edu.au quoting the position number and position title in the Subject field.

Note: Applications and attachments must be in Microsoft Word (Version 6.0 or later); Rich Text Format, or PDF.

If you do not have access to email you may mail or fax your application.

Mailed or Delivered applications should be stapled or clipped securely at the top left corner with the Application Cover Sheet ([PDF](#) or [MS Word](#)) on top.

DO NOT use binders, folders or plastic sleeves as your application may need to be photocopied.

Deliver or Mail one (1) copy of your application, marked "Confidential" and indicating the Position number to:

Human Resource Services Team
Level 1, The Chancellery
University of Newcastle
CALLAGHAN NSW 2308
Australia

Alternatively, fax one (1) copy of your application to

Confidential Fax on (+61 2) 4921 5285.

Applicants are responsible for ensuring the receipt of faxed applications.

You may telephone (+61 2) 4921 5266 during business hours (AEST) to confirm receipt of your Fax transmission.

The University of Newcastle values [equity and diversity](#).