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## **David Dewhurst Award**

**Nominations for 2015 are now closed.**

### **About this Award**

#### **(Category A - Services to the Profession of Engineering)**

The David Dewhurst Award honours Dr David Dewhurst, one of Australia's first prominent Biomedical Engineers. In 1974, he established the Institution of Biomedical Engineering (IBME), an early forerunner of the professional associations now representing biomedical engineering in Australia. For more information about David Dewhurst please [click here](#).

The David Dewhurst Award is awarded annually to a member of the Biomedical engineering team who has made a significant contribution to the discipline.

### **Nomination Criteria**

The Award is presented for outstanding service to biomedical engineering through either:

- a highly significant contribution, or contributions, through technical innovation relating to the science or practice of biomedical engineering
- long standing eminence in biomedical engineering science or practice
- exceptional and sustained management or leadership relating to biomedical engineering
- a notable combination of the afore mentioned qualities and achievements.

### **Terms and Conditions**

1. Nominations are invited from the Chairman or office bearers of the Biomedical branches affiliated with the College and are to be submitted through the Division representative on the Board.
2. Nominees need not be members of Engineers Australia.
3. Current College Board members are not eligible to accept nomination for this award.

### **Presentation of the Award**

The Award consists of a framed bronze medal and certificate and is presented at a special meeting or function of the College selected as appropriate by the Board of the College of Biomedical Engineering.

### **2015 Winner**

#### **Prof Derek Abbott**

Professor Derek Abbott has made a leading contribution to biomedical engineering, with a special focus on biosensing. His expertise in biophonics, electromagnetic interaction with biomolecules, advanced signal processing, stochastics, particularly at terahertz (T-ray) frequencies has led to internationally leading contributions to biomedical diagnostics.

Professor Abbott has demonstrated outstanding leadership in research and teaching, leading to advanced cutting-edge biosensing techniques in the terahertz region.

Spanning over 30 years, his work has brought together international collaboration between engineers, physicists, clinicians, biologists, and physiologists. He has been a sought after mentor to numerous postgraduate students and postdoctoral fellows.



## Previous Winners

- [View the list of winners of this award](#)

## Women in Biomedical Engineering Scholarship

**Nominations for 2015 are now closed.**

## About this Award

The Women in Biomedical Engineering Scholarship acknowledges and promotes a female Biomedical Engineer who is making an outstanding contribution to her profession and professional community.

A panel of members from the Board of the Biomedical College of Engineers Australia will judge the scholarship.

## Nomination Criteria

Nominations must include:

- A CV (max 2 pages)
- Applicant statement, which describes in 1000 words or less her contribution to Biomedical Engineering and the professional community. The applicant must state which event she would like to use the scholarship to attend.

## Terms and Conditions

Applicants must:

- be current financial members of Engineers Australia
- be currently practising in the field of Biomedical Engineering
- Write a summary on which event they chose, what they got out of it. This story could be published etc

## Presentation of Award

The prize will include admission to a conference, flights and accommodation (to the value of \$2000) relevant to her discipline within 12 months of winning the scholarship. The scholarship recipient will be required to give a short presentation on the benefits of being a member of Engineers Australia and the Biomedical College, and a short description of the event for which she intends to use the scholarship. She may also be asked to speak at other Biomedical College events.

## 2015 Winner

### Ms Catherine Galvin (McMaster) FIEAust

Catherine Galvin, an electrical engineer, started her PhD with The Canberra Hospital Trauma and Orthopaedic Research Unit (TORU) midway through 2014. A career 'tweak' was initiated by the completion of a Graduate Certificate in Human Movement Science and an Honours degree in Sport and Exercise Science. The transition was complete when presented with the opportunity to work on a PhD with Professor Jennie Scarvell at the University of Canberra—investigating Age-associated variation in healthy and osteoarthritic knee kinematics. Catherine has been lecturing and tutoring in biomechanics at University of Canberra. She presented her honours paper, Impact of Fatigue on Hip Extensors in Three Landing Tasks in Female Football Players at the ACISC Sports and Medicine Conference in Phuket and presented Interactive Visualization of Deep Knee Flexion, in Four Dimensions and In vivo, at the Australian Biomedical Engineering Conference in Melbourne on Nov 24th 2015.



Catherine was the University of Canberra PhD winner of 3MT (Three Minute Thesis) competition and participated in the Trans-Tasman finals in Brisbane in October. She was also honoured to be nominated and made a Fellow of Engineers Australia and be awarded the 2015 scholarship for Women in Biomedical Engineering.