



Australian Biomedical Engineering Innovation Awards
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PDMedical's

Australian Biomedical Engineering Innovation Awards

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Preface

Welcome to PDMedical's Australian Biomedical Engineering Innovation Awards Competition, an Australian wide competition providing a unique opportunity to showcase the successful endeavours and biomedical engineering innovations in Australia.

This award outline document is being issued in its final draft version to enable us to make the announcement of the ABEIA competition early and to invite you to provide some feedback be it in requests for clarification, corrections, suggestions and missed items for consideration and incorporation into the document. All the received feedback will be considered and an updated version of the document will be posted on the ABEIA website prior to the competition opening date.

In this inaugural year of the competition and awards it is hard to gauge the level of interest and the diversity of innovations that may be entered. For this reason PDMedical through its judging panel reserves the right to make changes to the award categories, numbers and prizes to strengthen the awards and their standing

This document may change by the time of the competition opening. Entrants are advised to log on to the ABEIA website (yet to be setup) and download the updated version before they submit their entry.

The Aim

This award is being established by PDMedical Pty Ltd in order to encourage and recognise innovation in Australia and in particular in the biomedical sector of the health industry.

The aim of these awards is to encourage biomedical innovation in Australia, showcase biomedical innovations, recognise the innovators, their achievements and contribution and accelerate innovation delivery that benefits the health sector, helps clinicians, reduces costs and improves patient care.

Through this competition and awards we also aim to engage with the health, biomedical sector, government and policy makers and elevate the role of Biomedical engineering and innovation plays in the delivery of health services in Australia and the resulting improvements to patient care.

The Awards

This document outlines the awards and judging process which will be used for the 2018 Awards. This document will be reviewed prior to the 2019 Awards.

Entries to the Australian Biomedical Engineering Innovation Awards for 2018 open on 1 September, 2017 and close on 30 Nov, 2017. Shortlisted candidates will be notified in Jan/early Feb 2018.

Awards and Prizes / Presentation of Awards

The Australian Biomedical Innovation Awards Competition is open for all biomedical innovators in the Australian health sector.

Four Awards are available for innovation with a demonstrated positive impact for hospitals or medical facilities or more general patient treatment and care. The value of the innovation may be technical or non-technical in nature and may lie in the application and use in service and maintenance, testing, medical devices, implants, education or training.

The Award winners will receive cash prizes and opportunity to showcase their innovations to a panel of industry experts and the Australian medical community. The award prizes for this inaugural year are listed below.

- First Prize Award \$ 1,000
- Second Prize Award \$ 600
- Third Prize Award \$ 400
- Delegates Award Prize \$ 300

The first, second and third prize will be awarded by the ABEIA judging panel, the fourth will be judged by the delegates at the 2018 SMBE NSW annual conference.

Award Patrons

We are currently working to engage with Federal and State Government's Innovation Ministers and will invite them to join us as Patrons of the awards.

An engagement of this sort will provide additional benefit to the awards, participants and sector and we believe that such support will enhance the various Governments' push to encourage innovation, commercialisation and manufacture in Australia.

The Ministers responsible for innovation are listed below.

Federal Government

- Senator the Hon Arthur Sinodinos AO, Minister for Industry, Innovation and Science

State Governments

- Philip Dalidakis MP, Victorian Minister for Small Business, Innovation and Trade
- Matthew Kean, NSW Minister for Innovation and Better Regulation
- Leeanne Enoch MP, QLD Minister for Innovation, Science and the Digital Economy and Minister for Small Business
- Kyam Maher MLC, South Australian Minister for Manufacturing and Innovation
- Dave J Kelly MLA, Western Australian Minister for Water; Fisheries; Forestry; Innovation and ICT; Science
- Michael Ferguson MP, Tasmanian Minister for Information Technology and Innovation

Shortlisted Entries and Presentation of Awards

The Awards will be presented at the SMBE conference Dinner in March 2018 as part of the SMBE Association's Annual Conference.

The shortlist of finalists will be invited to present their innovation on the first day of the annual SMBE conference. The presentation may be done in person or by a nominee.

A Delegates Award Prize will be determined by the attending delegates of this session.

The three independent judging panel awards winners together with the Delegates Award prize will be announced and presented at the conference dinner.

Eligibility

The Australian Biomedical Innovation Awards Competition is open for all biomedical innovators in the Australian health sector and especially those in the hospital biomedical areas. The innovation must deal with an existing problem or opportunity.

Applicants can work in the biomedical service and support area within a hospital or medical facility anywhere in Australia though this is not mandatory. In this inaugural year the competition is only open to individuals and teams and not to public companies.

Intellectual Property Rights and Protection

The intellectual property rights of the innovation will remain with the inventor(s).

Any application to the Australian Biomedical Engineering Innovation Award will only be used for the purposes of evaluation and award.

The intellectual and industrial property rights to the contest submission, if any, will remain with the applicant(s), except that these terms do not supersede any other assignment or grant of rights according to any other separate agreements between applicant(s) and other parties.

Where IP protection is necessary, such IP protection is the responsibility of the applicant and must be protected by candidates before submitting the application.

Candidates can disclose as much or as little as they wish though the judging will only be based on what is submitted and what is verifiable. Similarly, candidates shortlisted and invited to present at the SMBE conference can disclose as much or as little as they wish in their presentation.

PDMedical Pty Ltd shall have the right to use, copy, modify and make available to the public the submitted application in connection with the operation, conduct, administration, and advertising and promotion of the ABEIA competition. Where candidates wish to restrict the publication by PDMedical of the content of their innovation they must make this clear in their written submission.

The Submission

Submissions to the award can be made by a single applicant or a team.

The participation in the contest is governed by (i) these PDMedical Application Awards Terms and Conditions, (ii) the rules which can be found at www.ABEIA.com.au, and (iii) the submitted application form. (Note: These will be available from the ABEIA website closer to the competition opening date)

The terms and conditions will be available on the ABEIA website and these should be read carefully. Only entrants agreeing to the terms and conditions will be permitted to participate in the competition.

In broad terms the applications will need to address the following items.

- Describe the problem you see and the need for a solution (Maximum 300 characters)
- Estimate the size of the problem within a hospital, facility or health sector
- Describe your solution (innovation) to the problem (Maximum 500 characters)
- Global/local applicability
- Note current products and processes dealing with the problem
- Define/estimate the benefits of the solution
 - Financial
 - Clinical
 - Operational
 - Patient
 - Organisational
 - Sector wide
 - Other

In addition candidates may wish to describe their proposed path to market (funding, industrialisation, channel/partner, marketing plan etc

Entry forms will be made available closer to the competition opening date of 1 Sept 2017.

Categories

In this inaugural year of the award, entries will be accepted under a general innovation category.

In future years categories may be introduced to the competition as noted in the examples below.

- Technical equipment
- Devices,
- Testing
- Diagnosis/treatment
- Training
- Contribution to industry
- Process/Procedure
- Patient Care
- Other

Data Protection

Each entrant acknowledges and agrees that in connection with the contest personal data, including but not limited to name, occupation, place of work, may be collected from him/her. Each such person hereby acknowledges and consents to that PDMedical may process, store and display such personal data to the public and otherwise use it for the purposes and within the context of the ABEIA competition. Furthermore, such persons have a right to access and rectify any personal data held by PDMedical through contacting PDMedical.

Warranty and Indemnity

Each entrant warrants that the application submitted by his/her team is an original work and that they are the sole and exclusive owner and right holder thereof, and that they have the right to submit the application in the contest.

Each entrant agrees and undertakes not to submit any application that (i) infringes any 3rd party proprietary, intellectual property, industrial property, personal rights or other rights, including without limitation, copyright, trademark, patent, trade secret or confidentiality obligation; or (ii) otherwise violates applicable law in any countries in the world.

Judging

All entries are evaluated by an independent judging panel, according to the broad criteria outlined below and on the information provided.

- How well the innovation addresses the problem ie is it useful? Is it necessary?
- What impact does the innovation have on:
 - Patient care
 - Efficiency
 - Cost savings
 - Eqt availability
 - Other
- How global or local the innovation is; does it solve a problem or improve a situation on a small or large scale?

- Potential revenue or cost reduction for the hospital, clinic or other facility adopting the innovation. The business case should verify these numbers.
- How easy it is for the potential customers to deploy, considering time, change of behaviour, money.
- The benefits of the innovation (user or efficiency).
- Impact of Innovation beyond host hospital, clinic or other facility
- Improvement to patient care
- Did the solution solve the problem in an innovative way?
- Other criteria may be added.

The first three prizes are judged and awards conferred by the members of the Independent Judging Panel.

The innovation entries will be assessed using a robust framework that ensures the application process is equitable and impartial.

All submissions will be reviewed by the judges with a shortlist of finalists nominated.

From this shortlist, the judges will then determine the three winners.

The shortlist of finalists will be invited to present their innovation at the annual SMBE conference from which an additional prize will be awarded as judged by the attending delegates.

The Judging Panel

PDMedical Pty Ltd appoints and maintains the appointment of the Independent Judging Panel comprised of biomedical engineers, technicians, departmental managers and other suitably qualified persons in innovation, commercialisation and professional specialists.

The judges list for the 2018 competition is shown below. Their biographies will be published on the ABEIA website.

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|----------------------|---|
| 1. Peter Deliopoulos | - PDMedical Pty Ltd (ABEIA Chairman) |
| 2. Ric Clark | - IT & Communication (ABEIA Deputy Chairman) |
| 3. Bruce Morrison | - BME management & SMBE President |
| 4. Rebecca Bailey | - Biomed Engineer & Mgt – Austin Hospital |
| 5. Leigh Blandthorn | - Biomed Engineer & Mgt -Chemtronics, Regional Victoria |
| 6. Steve Threlfo | - Biomed Engineer- Hunter New England Hospital |
| 7. Kelly Coverdale | - QLD BTS Biomed Engineer |
| 8. Dr Sophie Dunn | - MD/Biomedical Engineer |

Contact

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About PDMedical Pty Ltd

PDMedical is a Melbourne based medical technology company supplying the health care industry. We develop, manufacture and distribute medical equipment, devices and consumables and provide local support.

We believe that innovation and local manufacture are integral to our success and others in the industry and we want to share the passion and support the industry wherever we can.

One initiative of which we are very proud of is the establishing the Australian Biomedical Engineering Innovation Awards Competition

We're committed to collaboration, innovation and local manufacturing and would encourage others to enter the industry and expand the breadth and depth of the sector in Australia.

Australia is fortunate to have leading researchers, doctors, nurses, carers and biomedical engineers and this strong base provides a great opportunity for the development and manufacturing sector.