



Simulation
Australasia

Call for Nominations for 2017 Awards

In recognition of important contributions to simulation in Australasia.

Entries must be received on or before 1800 (AEST) on Wednesday 16 August 2017.

Ray Page Lifetime Simulation Achievement Award

The Ray Page Lifetime Simulation Achievement Award is presented in recognition of an outstanding contribution, made over an extended period of time, to the advancement of modelling and simulation in Australia or New Zealand.

The award is named after the 2005 inaugural winner, Mr Ray Page, who spent his career advancing the use of flight simulators and leading the development of international standards whilst at Qantas, and then as the founding Chairman of the then Simulation Industry Association of Australia (SIAA).

This is a prestigious award, and is only presented if a candidate meeting the criteria is nominated.

Recent Recipients

2016 Ray Page Award Recipient – Not Awarded

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2015 Ray Page Award Recipient – Professor Harry Owen

Professor Harry Owen is one of the most published health simulation researchers in Australia. He established the first simulation facility in Australia in 1999 specifically for entry level medical education at Flinders University. He then went on to champion the implementation of ePortfolios in the field. Further to his outstanding achievements, his recent research focus has been the history of simulation including writing a much anticipated publication on the subject due for release in 2016.



Professor Harry Owen (right) with Prof Marcus Watson (Simulation Australasia Chair)

2014 Ray Page Award Recipient – Professor Debra Nestel

For over thirty years, Professor Debra Nestel has demonstrated vision, integrity and leadership through her commitment to healthcare simulation education and research. She has developed an approach to learning, teaching and assessing clinical skills – ‘patient-focused simulation’ – that is now adopted internationally. Debra has raised the profile of simulated patients in healthcare professions education and has led a unique initiative – a national training program for simulation educators.



Professor Debra Nestel with Adrian Smith (Chairman of Simulation Australia)

2013 Ray Page Award Recipient - Professor John R. Sturgul

Professor John R Sturgul's association with the Australian mining industry and Australian simulation education began over 42 years ago when he was awarded a Fulbright Fellowship (Senior Scholar). John was appointed Professor of Mining Engineering at the SA Institute of Technology, Adelaide, in 1982 and remained there for 10 years. During this period he began to simulate mining operations in Australia and began incorporating this work into his lectures on Mine Design. John was the one of first (if not the first) person in Australia to do such simulations and published extensively. During this time he presented numerous conference papers and short courses on the subject of mine simulation and began his consulting practice. John was appointed Professor of Mining Engineering at the University of Adelaide in 2008 where he currently teaches Mine Simulation and Animation to a class of around 50 students.



Professor John R. Sturgul (R) with Ray Page and Philip Swadling (Deputy Chair of Simulation Australia)

TITLE	RAY PAGE LIFETIME SIMULATION ACHIEVEMENT AWARD
DESCRIPTION	Awarded for an outstanding contribution, made over an extended period of time, to the advancement of modelling and simulation in Australia or New Zealand. The contribution will have been made in the domain of science, technology, policy, standards, education or management & leadership, or a combination thereof.
CRITERIA	<p>The award is granted to an individual whose work has, in the opinion of senior members of the modelling and simulation community, made an outstanding contribution to simulation in the region.</p> <p>The individual will have demonstrated achievement, vision, integrity and leadership in one or more of the following areas:</p> <ul style="list-style-type: none"> • Science: generating published peer-reviewed scientific research, including human factors research, related to simulation, that has broadened the use of simulation, or enhanced the effectiveness of simulation in Australia or New Zealand. • Technology: development and/or advancement of simulation related technologies and/or frameworks. • Policy: Development to management or policy principles and practices that have facilitated growth in the use of simulation. • Standards: Leadership in the development of nationally or internationally recognised standards that have led to increased use of simulation. • Education: Development of educational theory or programs for education in simulation which have contributed to Australasia's simulation capability, or publication of books or articles that share information. • Management & Leadership: Creation or growing of organisation(s) that have enhanced Australasia's simulation capability, creating new directions and opening new fields for the use of simulation. This includes work that has promoted and grown the simulation community as a whole. <p>In addition to the above, the contribution must have clearly lead to benefits to the broader community.</p>
NATIONALITY	The award will generally be granted to individuals who are citizens or permanent residents of Australia or New Zealand. The award may be granted to citizens of other countries if the contribution made has clearly and unambiguously benefitted the use of Simulation within Australia and/or New Zealand.
PERIOD OF ACTIVITY	Over 20 years' simulation-related work, in or directly relevant, to Australia or New Zealand.
LENGTH OF APPLICATION	Minimum 300 words (500 maximum)
LENGTH OF CITATION	75 words (this will be read aloud at the Simulation Australasia Awards Dinner, published on the Simulation Australasia web site, and used in press releases etc.).
ELIGIBILITY	<p>Individual Applicants Only. Simulation Australasia membership is not required.</p> <p>This award will not be granted to teams. Refer to the Project/Innovation award for recognition of teams.</p>
APPLICATION DEADLINE	<p>Completed nominations must be received at the Simulation Australasia office prior to 1800 (AEST) on Wednesday 16 August 2017.</p> <p>The judges reserve the right to request additional information to assist in making their decision.</p>

[CLICK HERE](#) to download the nomination form in a word file.

Nominations should be forwarded to the Simulation Australasia office - admin@simaust.com

John Mitchell Early Career Innovator Award

The John Mitchell Early Career Innovator Award is presented as a “book end” to the Ray Page Lifetime Simulation Achievement Award and recognises that simulation has a rapidly evolving technology and application base and that these advances and innovations are typically made early in a career. The John Mitchell Early Career Innovator Award is presented in recognition of a significant innovation, made in the first 3 – 4 years after the completion of formal education.

The award is named after the Mr John Mitchell, one of the two original Life Members. John has spent his career fostering innovation in industry.

This is a prestigious award, and is only presented if a candidate meeting the criteria is nominated.

Recent Recipients

New Award for 2017

TITLE JOHN MITCHELL EARLY CAREER INNOVATOR AWARD

DESCRIPTION This award recognises that simulation has a rapidly evolving technology and application base and that these advances and innovations are typically made early in a career. The John Mitchell Early Career Innovator Award is presented in recognition of a significant innovation, made in the first 3 – 4 years after the completion of formal education. It is not specific to any discipline (i.e. science, training, manufacturing, software, management etc.). The award rewards innovation first and foremost, and that the innovation benefits - the person's work place, the person's co-workers and the objectives that the team the person is a part of - benefiting end users, outcomes that improve future capabilities, environments, etc..

CRITERIA The award is granted to an individual whose work has made an outstanding innovation in simulation in the region.

The individual will have demonstrated innovation, in one or more of the following areas:

- **Academia:** Innovative published peer-reviewed research, related to simulation technology or application, that has broadened the use of simulation, or enhanced the effectiveness of simulation in Australia or New Zealand.
- **Technology:** Innovative advance in simulation related technologies including gaming and/or frameworks.
- **Software:** Innovative development of simulation software or application
- **Policy:** Innovative policy and practices that have facilitated growth in the use of simulation.
- **Standards:** Leadership by an early career person in the development of nationally or internationally recognised standards that have led to increased use of simulation.
- **Education:** Innovation in educational theory or programs for education in simulation which have contributed to Australasia's simulation capability, or publication of books or articles that share information.

In addition to the above, the innovation should benefit - the person's work place, the person's co-workers and the objectives that the team the person is a part of - benefiting end users, outcomes that improve future capabilities, environments, etc..

NATIONALITY The award will generally be granted to individuals who are citizens or permanent residents of Australia or New Zealand. The award may be granted to citizens of other countries if the contribution made has clearly and unambiguously benefitted the use of Simulation within Australasia.

PERIOD OF ACTIVITY Activity within 3-4 years of the completion of formal education, although this does not exclude individuals who have not completed tertiary education. The target age range is typically 25 – 30.

LENGTH OF APPLICATION Minimum 300 words (500 maximum)

LENGTH OF CITATION 75 words (this will be read aloud at the Simulation Australasia Awards Dinner, published on the Simulation Australasia web site, and used in press releases etc.).

ELIGIBILITY Individual Applicants Only. Simulation Australasia membership is not required.

This award will not be granted to teams. Refer to the Project/Innovation award for recognition of teams.

APPLICATION DEADLINE Completed nominations must be received at the Simulation Australasia office prior to 1800 (AEST) on Wednesday 16 August 2017.

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Simulation Achievement Award

The Simulation Achievement Award is for significant contribution to the advancement of modelling and simulation in Australia or New Zealand.

Recent Recipients

2016 Achievement Award Recipient – Philip Swadling

Philip Swadling has over twenty years' experience in technical and engineering management in complex multinational simulation related projects. His experience also includes establishing and implementing business level technical strategy plans and research and development projects. He currently holds the position of Technical Director, Avionics with Thales Australia, as well as being active on a number of Thales international simulation working groups. Philip is a member of the Institution of Engineers Australia and of the Institute of Electrical and Electronics Engineers. He was convenor of SimTecT for 2003 through to 2005, has been a regular peer reviewer of conference papers, a Board member of Simulation Australasia from 2008 until 2014 and was honoured as a Simulation Australasia Life Member in 2016.



Philip Swadling (centre) with John Stewart (Simulation Australasia CEO) and Mike Brennan (Simulation Australasia Chair)

2015 Achievement Award Recipient – Marnie Connolly

Marnie Connolly is Deputy Director & Senior Clinical Coordinator at Monash University School of Rural Health, Bairnsdale. Marnie has been dedicated to improving simulation education and providing leadership in the rural sector for over a decade. Marnie's leadership and pioneering work to develop simulation education in the East Gippsland area continues to play a pivotal role in the local education of the health disciplines (including nursing, medicine and ambulance training).



Marnie Connolly with Marcus Watson (Simulation Australasia Chair)

2014 Achievement Award Recipient – Dr Hans de Visser

Hans de Visser, a research scientist in biomechanics, has been working for the last seven years on surgical simulation and anatomical models. He was the main research scientist and project leader of the CSIRO colonoscopy simulator, now licensed to Surgical Science. The simulator has been evaluated and used in more than 30 hospitals around the world today, and will contribute to the battle against colorectal cancer in Australia. We would like to thank Hans de Visser for his exceptional contribution to make a virtual simulator a real medical training tool.



Dr Hans de Visser with Adrian Smith (Chairman of Simulation Australia)

2013 Achievement Award Recipient – Dr Kerry Reid-Searl

Dr Kerry Reid-Searl has developed a unique humanistic simulation process called Mask-Ed (KRS simulation). With human-like silicone props she creates a platform to engage, inspire and motivate students to learn. Kerry has researched and developed the teaching approach, published findings, implemented the technique in national and international institutions, delivered conference papers and keynote addresses, designed resources, and transferred the strategy to other colleagues and health disciplines.



Dr Kerry Reid-Searl with Phillip Swadling (Deputy Chair of Simulation Australia)

TITLE	SIMULATION ACHIEVEMENT AWARD
DESCRIPTION	Awarded for a significant contribution, made over an extended period of time, to the advancement of modelling and simulation in Australia or New Zealand. The contribution will have been made in the domain of science, technology, policy, standards, education or management & leadership, or a combination thereof.
CRITERIA	<p>The award is granted to an individual whose work has, in the opinion of senior members of the modelling and simulation community, made a significant contribution to simulation in the region.</p> <p>The contribution made by the award winner will generally have been made in one or more of the following areas:</p> <ul style="list-style-type: none"> • Science: generating published peer-reviewed scientific research, including human factors research, related to simulation, that has broadened the use of simulation, or enhanced the effectiveness of simulation in Australia or New Zealand. • Technology: development and/or advancement of simulation related technologies and/or frameworks. • Policy: Development to management or policy principles and practices that have facilitated growth in the use of simulation. • Standards: Leadership in the development of nationally or internationally recognised standards that have led to increased use of simulation. • Education: Development of educational theory or programs for education in simulation which have contributed to Australasia's simulation capability, or publication of books or articles that share information. • Management & Leadership: Creating or growing organisation(s) that have enhanced Australasia's simulation capability, creating new directions and opening new fields for the use of simulation. This includes work that has promoted and grown the simulation community as a whole.
NATIONALITY	The award will be generally be granted to individuals who are citizens or permanent residents of Australia or New Zealand. The award may be granted to citizens of other countries if the contribution made has clearly and unambiguously benefitted the use of Simulation within Australia and/or New Zealand.
PERIOD OF ACTIVITY	Over 5 years' simulation-related activity.
LENGTH OF APPLICATION	Minimum 300 words (500 maximum).
LENGTH OF CITATION	75 words (this will be read aloud at the Simulation Australasia Annual Awards Dinner and printed on articles, etc.).
ELIGIBILITY	<p>Individual Applicants Only. Simulation Australasia membership is not required.</p> <p>This award will not be granted to teams. Refer to the Project/Innovation award for recognition of team effort.</p>
APPLICATION DEADLINE	<p>Completed nominations must be received at the Simulation Australasia office prior to 1800 (AEST) on Wednesday 16 August 2017.</p> <p>The judges reserve the right to request additional information to assist in making their decision.</p>

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Simulation Australia Project Innovation Awards

The Project Innovation Awards are a prestigious national competition which recognises and celebrates innovation and excellence in simulation by project teams around Australia and New Zealand. The awards will be presented to simulation project teams that have achieved outstanding results in delivering new simulation capability or utilising simulation capability in new and improved ways. There are two award categories – small projects (defined as projects with an actual cost of less than AUD\$2.5m) and large projects (projects with an actual cost of AUD\$2.5m and over).

Recent Recipients

2016 Mater Education Practice Improvement Centre (MEPIC) - Opening Mater Private Hospital Springfield: Keeping Patients Safe

Mater Education Practice Improvement Centre (MEPIC) coordinated the delivery of 24 hours of concurrent simulations across perioperative, ward and cancer care services. Process deficits or inefficiencies are often detected during initial patient contacts, with simulation process testing offering a safe alternative. MEPIC provided simulation services to ensure patient care spaces were functional for workflow requirements and for patient and families' satisfaction and experience, potentially saving the organisation millions of dollars.



Members of the Mater Education team with Mike Brennan (Simulation Australasia Chair) and John Stewart (Simulation Australasia CEO)

2015 National Health Education and Training in Simulation - NHETSim Programme

The innovative NHETSim programme is the result of a Commonwealth funded national collaborative project initiated in 2010/11. Designed to provide professional development for individuals who intend or already use simulation as an educational method in the health and social care sector, more than 4,000 individuals have completed NHETSim. Evaluations demonstrate the profound impact of the programme on health and social care simulation practices and on patients' experiences.



Dr Margaret Bearman (right) and Professor Debra Nestel with Marcus Watson (Simulation Australasia Chair)

2014 – Christie Digital Systems: RAAF E-7A Wedgetail Operational Flight Trainer

Christie Digital Systems USA, Inc. is a global visual technologies company. Consistently setting the standards by being the first to market some of the world's most advanced projectors and complete system displays, Christie is recognised as one of the most innovative visual technology companies in the world. From retail displays to Hollywood, mission critical command centres to classrooms and training simulators, Christie display solutions capture the attention of global audiences with dynamic and stunning images.



Jim Gray (Christie Digital) with Adrian Smith (Chairman for Simulation Australia)

WHY SHOULD YOU PARTICIPATE IN THE PROJECT INNOVATION AWARDS?

Simulation Australasia focuses on supporting and recognising the achievement of excellence, and highlights global best practices and innovation in the simulation community. Participation in the Simulation Australasia Awards highlights your organisation's achievements in the field of simulation on a global level. In addition to the association of the project with a prestigious national competition, the winning entry will also receive the following benefits:

- An award trophy
- Presentation of winning project innovation at the Simulation Australasia Annual Awards Dinner
- Display of the entries within the Australasian Simulation Congress Exhibition
- Featured article on Simulation Australasia's Website
- Use of the Award Certificate in advertising

TITLE	PROJECT INNOVATION AWARDS
DESCRIPTION	The Project Innovation Awards are a prestigious national competition which recognises and celebrates innovation and excellence in simulation by project teams around Australia and New Zealand.
ELIGIBLE CATEGORIES	<p>Projects falling into one or more of the following categories are eligible to apply for the award.</p> <p><u>Applied Research</u> Research of an applied nature that advances the state of the art in simulation technology, including research leading to new simulation products or processes. Research will have broadened the use of simulation, or enhanced the effectiveness of simulation.</p> <p><u>Development Projects</u> Design and development of a new simulation system that has demonstrated benefits to the need that it was developed to address.</p> <p><u>Operations/Management</u> Projects that demonstrate innovative approaches to acquiring and utilising simulations, or making better use of already existing simulations.</p> <p><u>Education</u> Design and development and implementation of extended education programs - including units of competence for the VET sector; university subjects of at least one semester duration, programs for accreditation of specific simulation competencies.</p> <p>Nominations will be eligible for receiving one of the following awards:</p> <p><u>Small Project award:</u> for projects with a budget of less than AUD\$2.5M.</p> <p><u>Large Project award:</u> for projects with a budget of AUD\$2.5M or more.</p>
CRITERIA	<p>In keeping with Simulation Australasia's mission of celebrating local innovation contributing to the advancement of the economy and society through simulation, entries will be assessed against five key criteria:</p> <ul style="list-style-type: none"> • Originality and innovation • Current and future value to the simulation profession, and to the community as a whole • The extent to which the project considers or addresses social, economic and sustainability issues • Complexity • The extent to which the project exceeds customer/sponsor expectations <p>A project may be entered into the Awards if:</p> <ul style="list-style-type: none"> • The project was executed in a location within Australia or New Zealand, or • The institutions responsible for the project are based within Australia or New Zealand. <p>The work entered must have been completed to such an extent that the performance can be assessed by the judging panel. Projects must have been completed or be operational for a minimum of 6 months, but no more than 5 years.</p>
GUIDELINES	<p>An entrant must submit one entry, which must address at least one of the categories above.</p> <p>Projects that have previously received an award from another organisation are eligible to apply.</p> <p>The competition is open to applicants who may be individuals, institutions, companies, governmental bodies, or any combination of the above, whether or not the organisation is a member of Simulation Australasia.</p> <p>Each entry must comprise of:</p> <ul style="list-style-type: none"> • An official entry form and associated supporting information addressing the criteria • PowerPoint presentation overview of the project • 75 word citation for use at the Simulation Australasia awards ceremony and in publicity • Archive file containing the relevant submission materials <p>Simulation Australasia reserves the right to use entry materials for any purpose related to the awards program.</p>
APPLICATION DEADLINE	<p>Completed nominations must be received at the Simulation Australasia office prior to 1800 (AEST) on Wednesday 16 August 2017.</p> <p>The judges reserve the right to request additional information to assist in making their decision.</p>

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Judging Process

Nominations are solicited via email and the Simulation Australasia website annually. Completed Nomination Forms should include evidence against the award criteria.

An Award Review committee, including a committee Chair is appointed prior to the nomination deadline.

If a nomination for a member of the committee is received, or a committee member declares a conflict of interest, then the Chair will select a replacement from a similar organisation.

Completed nomination forms are distributed and assessed by the committee using a checklist. A copy of the judging checklist will be made available on the Simulation Australasia web site.

The committee chair collates the assessments by committee members, compiles an overall assessment and makes an initial determination of the outcomes. The assessment by the chair is then distributed to the committee for validation. In the event the committee is unable to reach consensus, the committee chair is authorised to make a final recommendation.

The committee chair notifies the Simulation Australasia board of the outcomes of the assessment, identifying dissenting views, if any.

The winner (if any) is advised, and is invited as a guest of Simulation Australasia to the Annual Awards Dinner at the Australasian Simulation Congress (Wednesday 30 August 2017).

Award Review Committee The Award Review Committee is selected by the Simulation Australasia Board, and may consist of members of the Simulation Australasia Board itself. The Award Review Committee is chaired by the Simulation Australasia Chair, or another member as delegated.

The committee has at least five representatives from different segments of the Australasian modelling and simulation community, typically:

- Academia
- Government
- Industry

The committee may call on advice from experts or other members of the community where considered necessary.

