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**Awarded to:** Monash University and GlaxoSmithKline Australia

**Project:** The Monash-GlaxoSmithKline Australian Centre for Innovation and Industrialisation (*AcoI2*)

**Project Summary:** The Monash-GSK Australian Centre for Innovation and Industrialisation (ACoI2) was launched in January 2010, following two years of collaboration between Monash University and GSK, supported by seed funding from Victoria's Science Agenda (VSA) Investment Fund. Since 2012, ACoI2 has been sustained through direct funding from GSK.

Securing a sustainable future for Australian pharmaceutical manufacturing through open innovation: this is the vision and mission of the Monash-GSK Australian Centre for Innovation and Industrialisation (ACoI2). The Monash Institute of Pharmaceutical Sciences (MIPS) is Australia's leading research centre for pharmaceutical science; GlaxoSmithKline (GSK) is the world's third largest pharmaceutical company, with a significant manufacturing presence in Australia. ACoI2, a pioneering collaboration between MIPS and GSK, is reversing the 20-year downward trend in Australian pharmaceutical manufacturing, toward significant growth.

Why should we manufacture medicines? Australia's pharmaceutical industry generates exports over \$4 billion, and around 40 000 jobs; but our manufacturing competitiveness is challenged by China, India, and other centres enjoying a labour-force advantage. There is a mismatch between Australia's global leadership in drug discovery, and challenges to retain this initiative through further development and eventual manufacture; but local manufacturing ensures quality supply security.

ACoI2's ground-breaking response to the challenges rests on "Open Industrialisation": our model of industry-academia collaboration to facilitate continuous innovation in Australia's industrialisation capability, particularly in advanced manufacturing. This is achieved through a novel synthesis of the two partners' ideas and skills. Successes to date include:

- helping create more than 80 new jobs;
- securing \$60 million investment for local manufacturing;
- expanding versatility and efficiency in production of new and existing pharmaceuticals through fusions in the scientific, technological, engineering, and manufacturing domains;

- creating a unique model for collaboration, providing development and training for the future; and
- being the embryo of the newly formed BioPharmaceutical Innovation Partnership.

All of the 11 initial projects covering high-value specialist products were successfully completed in 2012. The collaboration has delivered state-of-the-art innovations in colloid science, nanotechnology, and liquids formulation – yielding new lines of production at Boronia. As an impact from operational efficiencies, GSK increased its manufacturing investment by tens of millions of dollars, creating new jobs – along with supporting jobs and consulting.

The programme focuses on collaboration for excellence: evolution of unique laboratory and joint-management resources; and professional and technical development using new training technologies, with learning modules aimed at school and undergraduate students through to experienced professional scientists.

The strategy envisages a new Open Industrialisation culture for sustainability and growth throughout the Australian pharmaceutical manufacturing industry – embracing a range of partners, and transferring the benefits to the broadest possible audience.

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**Institute of  
Chartered Accountants  
Australia**

**Awarded to:** Intersective, Deloitte, The University of Sydney, Macquarie University and Griffith University

**Project:** Deloitte Fastrack Innovation Challenge

**Project Summary:** Over the last 4 years Intersective, Deloitte and several forward thinking Universities have successfully run multiple cohorts of students through a specially developed work integrated learning program designed to give students a guided, real world industry experience - the Deloitte Fastrack Innovation Challenge.

Based on Deloitte's own award-winning internal innovation program and methodology, Intersective and Deloitte developed it specifically as a multi-University, multi-Faculty Challenge. Participating Universities include the University of Sydney, Macquarie University and Griffith University.

The Innovation Challenge is to develop a \$50M innovation for Deloitte, one of its clients or national benefit. Students iterate ideas and prototypes, ultimately pitching to a panel of Deloitte Senior Executives competing for a \$5 000 state-wide prize each semester.

The program is designed to be challenging, ambiguous and high intensity. Students are formed into diverse teams specifically calibrated to create the potential for high performance. Teams are then matched with Deloitte Mentors and Coaches, who provide the business context and potentially expert advice or opinions and network connections. The culmination of the Challenge has the students pitching their business innovation complete with business plan submission to a Deloitte Executive with genuine funding and recruitment authority.

While the program is constantly expanding and bringing on more students, within already participating universities and new universities, the current program should be considered a mature collaboration.

Fastrack was originally designed to address the growing theory/practice skills gap at undergraduate and master's levels. Deloitte graduate hires often needed 1-2 years training before being "client ready". The Fastrack program closes this gap - recruits from the program are seen as having the "soft skills" of a second or third year employee. This is accomplished by exposing the students to teamwork, ambiguous criteria for success and comprehensive feedback. For the first time, many students have to confront failure. They get industry feedback when their work isn't sufficient and are forced to raise their skills in order to deliver business quality work.

The Program started in 2009 and has undergone continual evolution every semester to ensure the high academic standards of all universities are upheld. This has included:

- implementing mentor training and developing a tiered system for Deloitte participants;
- continual refreshment of course material to ensure it is on the cutting edge of business innovation; and
- development of online student diagnostic tools to ensure student performance and indicate potential conflicts before they impact any student's experience of the program.

This program is now embedded in 3 universities as premium units and is a critical part of Deloitte Internal Innovation Program. It has been critical in increasing the understanding of the overlapping and separate goals of universities and businesses hiring university graduates. The top-down endorsement by all parties was absolutely critical to developing a program of this scale and calibre.

The Deloitte Fastrack Innovation Challenge has been successful in proving both the worth and the viability of work integrated learning programs as a vital element in the toolkit of higher education. Most of the universities have taken some steps to expand their offering of work integrated learning programs to include other programs offered by Intersective with relevant industry partners.

This is an emerging area of interest in universities and organisations, globally with a particular emphasis in Asia, and all participants should be commended for ensuring that Australian Universities, businesses and students remain at the forefront of innovative thought leadership at a global level.

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## Best Community Engagement 2013

**Awarded to:** Central Queensland University Australia, Queensland Police Service, Whitsunday Regional Council and Department of Communities, Child Safety and Disability Services

**Project:** Choices Applied Theatre Project

**Project Summary:** Celebrating Schoolies is a major social phenomenon in Australia, where thousands of young people converge on beachside holiday destinations to celebrate the end of their formal years of schooling and the transition from adolescence to adulthood. The Whitsunday Schoolies event, based at Airlie Beach Queensland, regularly attracts thousands of school leavers from North Queensland, and the Choices Applied Theatre Project is a significant part of the safety response for Whitsunday Schoolies. Taking a harm minimization approach, it uses a comic theatre format of short skits, songs and dances, performed by theatre students from CQUniversity, to effectively deliver important health, safety and legal messages to Year 12 students before they arrive at Schoolies. Research conducted by the Choices team and the Centre for Youth Substance Abuse Research at the University of Queensland found that students who had watched the Choices presentation reduced the risk of engaging in risky behaviour by 59% even after controlling for the effect of gender, pre-Schoolies drinking, binge drinking and illicit drug use at Schoolies.

The Choices team, made up of CQUniversity students and faculty, and representatives from relevant Queensland State Government agencies meet regularly throughout the year to oversee the writing of the script, as well as plan and implement the performance tours of Choices to over 28 secondary schools in North Queensland. Choices has been performed for 14 consecutive years with over 230 performances to over 26 000 Year 12 students. In that time over 150 CQUniversity theatre students have been involved as performers, directors, script-writers and choreographers. Choices is expanding its reach in 2013 and will be performed in over 36 secondary schools in October.

Before the implementation of Choices in 1999, Year 12 students in North Queensland received the health, safety and legal messages concerned with safe partying during Schoolies in formal presentations from teachers, police officers, health workers and other community leaders. Although this style of delivery presented the facts to the students, it failed to engage them meaningfully, leaving the presenters feeling they had been less than effective in getting these important messages across to the students. Hence the development of the 45-minute live theatre presentation, Choices, which makes use of current teenage pop culture incorporating over 30 key safety messages. The CYSAR research found that using the Choices format of a live theatre performance as a safety response for Schoolies, enabled students to translate knowledge acquired during the presentation into behaviours resulting in safer celebration.

The Choices Applied Theatre project has as its main objective the effective delivery of key health, safety and legal responsibility messages to Year 12 students before they go to Schoolies.

Choices also aims to provide the university student participants with a wealth of learning experiences including teamwork, problem solving, and engagement with their local community; working side-by-side with health professionals, law enforcement officers and community agencies.

The impact of this project on the wider community has been recognised with the 2001 Commissioner's Lantern Award for a significant program in the area of community policing and crime prevention in the Central Queensland region, Queensland Police Service and a commendation in the 2009 Queensland Road Safety Awards.

The partners in the Choices project have confidence that this project will continue indefinitely because of its collaborative qualities and the dedication of all its participants – students, CQUniversity staff, Crime prevention and health professionals as well as a wide range of community volunteers. The safety need continues to be great, and Choices has the track record to deliver these messages to young people.

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**Honourable Mention:** Chuulangun Aboriginal Corporation and The University of South Australia

**Project:** The Kuuku I'yu Northern Kaanju Medicinal Plants Project

This is a collaboration between researchers at the University of South Australia (UniSA) and Chuulangun Aboriginal Corporation which represents Kuuku I'yu traditional owner families from Cape York Peninsula, Queensland. The project aims to commercially develop plants used by traditional owners in a way that respects both Western and Indigenous perspectives.

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**Awarded to:** The University of Newcastle and New South Wales Business Chamber Central Coast

**Project:** Collaborative Research Forum

**Project Summary:** This project demonstrates the outcomes of the first “Collaborative Research Forum” facilitated by the Accounting Discipline and other academics of the Newcastle Business School in conjunction with local business owners who are members of the NSW Business Chamber Central Coast and students enrolled in the Bachelor of Business and Commerce programs to engage the University with the Community. The forum was an avenue for University staff and students to engage with local business owners to discuss the opportunities and challenges faced by regional NSW businesses. The outcomes included case studies to be used in the classroom as well as the forming of networks with the University staff and business owners based on discipline type (e.g. Accounting). It was an opportunity also for business owners to speak to students who are part of the Universities “Work Integrated Learning Program” where they are placed with a mentor in a local business to complete a real life research project. The first University-Community research forum of its kind was well received by the local business community, and showed that the initiative by the University to engage closely with local businesses lead to the use of real world classroom case study pedagogy, as well as an opportunity for businesses to express their challenges which has led to new research projects being undertaken by academics in the business school to provide businesses with potential solutions to their challenges. The “Collaborative Research Forum” will be held annually.

The rationale is to give businesses an avenue to express their opportunities and challenges, for students to gain an understanding of real world scenarios and for academics to identify areas of research to provide businesses with potential solutions. The forums provide academics with a clear link to service, research and teaching, and allow businesses to participate in Work Integrated Learning programs and students to undertake real world case studies in the classroom.

It is envisaged the forums will be held annually in June as this is mid-semester for the academics and students, and although close to financial year end for businesses, it is early enough for them to attend prior to completion of year end compliance. The forum is a three hour round table discussion of businesses from the NSW Business Chamber Central Coast, as well as academics from the Newcastle Business School and students enrolled in the Work Integrated Learning program (Bachelor of Business and Commerce), Honours and PhD programs.

Outcomes achieved to date:

- First research forum attended by 7 business-owners, 4 academics and 5 students;
- 3 business owners agreed to speak at lectures to students in the “Meet the Manager program” for third year Accounting students, in Bachelor of Commerce program;
- 3 students have been placed in participating mentor businesses to complete the Work Integrated Learning program;
- 3 case studies have been written based on business challenges and are currently being used in ACFI3002 Issues in Financial Accounting and ACFI3003 Issues in Management Accounting for the Bachelor of Commerce degree, semester 2, 2013;
- 3 Academics have been asked to make a joint presentation at the next Business Womens Connect luncheon, from Accounting, Management and Marketing;
- NSW Business Chamber Central Coast has been able to provide 5 further businesses (who did not attend forum) with students from the Work Integrated Learning Program;
- 1 research higher degree student has been able to secure businesses to be involved in their research into “Stakeholder theory for regional small to medium businesses”;
- A research paper based on the forum outcomes has been accepted and presented at the “Engage Australia” conference in Melbourne, July 2013; and
- 1 Student has secured employment with a participating business.

Overall the first “Collaborative Research Forum” aimed at engaging the University with the Community was a success in terms of isolating general business issues and specific Central Coast business issues. It provided the businesses an avenue to discuss their challenges and their opportunities. Outcomes of this forum included the use of case studies for academics to use as “real world” in the classroom, research initiatives for a continuing PhD Student and academics, and a new network of businesses, students and academics.

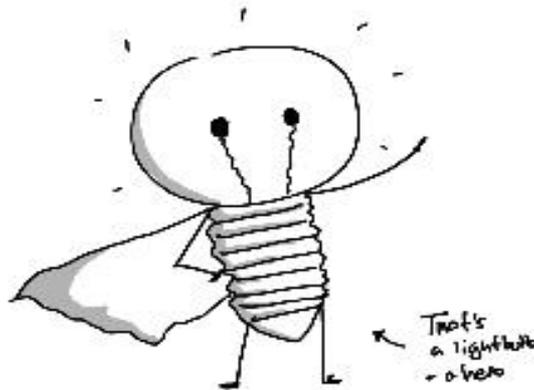
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## Best Entrepreneurial Educator 2013



### Best Entrepreneurial Education of the Year

Awarded to: Anthony Francis, Flinders Partners Pty Ltd.



Anthony is the current Managing Director of Flinders Partners Pty Ltd, a wholly owned subsidiary of Flinders University responsible for developing commercial partnerships with the University. It aims to maximise the value of the university's research and has been busy spinning out a number of successful companies. Anthony has been responsible for a complete overhaul of Flinders Partners' business model. It has been transformed to a highly profitable and trusted entity of the University and is now considered a model by overseas organisations looking to develop similar structures.

**Project:** Since 2008 Flinders Partners has been recognised as an innovative, creative and sought after deliverer of events and training in commercialisation and entrepreneurship locally, nationally and internationally, with the following programs already developed.

Venture Dorm provides an educational environment for people, who want to learn how entrepreneurs build new ventures and then create one themselves. Participants will test a business idea through validation of customer interest, determination of market size, assessment of distribution and partnership options to develop a business model which is scalable and sustainable. They will be guided one-on-one weekly by experienced individuals who have built successful companies or fund them.

Venture Dorm is Adelaide's newest, practical, entrepreneurial short course run out of Flinders University's commercialisation arm Flinders Partners designed to help budding entrepreneurs make the most out of their business or product idea, by providing the resources, support, networks and guidance they need. The Venture

Dorm program places an emphasis on gaining practical experience rather than theoretical knowledge, along with guidance from experts in innovation.

Research to Outcome is a one-day program for anyone interested in learning more about the commercialisation process. The workshop is suited to researchers, research managers and government and industry partners. The purpose of this course is to provide attendees with an introduction to the many considerations in the development and commercialisation of unique research capabilities and valuable intellectual property.

Developed by Flinders Partners Managing Director Anthony Francis, this workshop aims to de-mystify the 'black art' of commercialisation. In a friendly, collaborative and informal setting, participants will examine the basic elements of what they have to offer, and how to package it for presentation.

Entrepreneurs in Conversation, is a new event to Flinders Partners, which sees Anthony Francis interview successful entrepreneurs on the real stories of their journeys in becoming successful entrepreneurs. The interview is taped in front of a live audience. Budding entrepreneurs are invited to come along and be part of the audience and hear speakers share their stories of fear, strength, humour, resilience and hopes for the future.

A key element of success will be the strong networks with business clients, researchers, investors, government and community groups, many of which were formed by Flinders Partners. It is hoped the relationships formed will lead to exchanges of people, students, information and opportunities as well as promoting the benefits of entrepreneurial and start-up hubs in liveable and innovative cities.

Ultimately the most rewarding outcome is to make a real difference to the economy of South Australia. To help support the creation of new sustainable and global ventures, the objective is to create an environment where both founders and employees can enjoy the success and satisfaction of building something unique and world class.

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**Nominated by:** The Australian National University

**Awarded to:** The Graham and Louise Tuckwell Foundation

**Project:** ANU Tuckwell Scholarship Program

In February 2013, the Graham and Louise Tuckwell Foundation pledged \$50 million to The Australian National University to establish the Tuckwell Scholarship program. At the time, this represented the largest single donation by an Australian to an Australian university. The \$50 million donation is intended to establish the Tuckwell Scholarships as a perpetual program, demonstrating a clear long-term commitment to the University.

Graham and Louise Tuckwell have stated that “education is the only thing that separates one person from another”. The Tuckwell Scholarship program gives substance to this vision and passion for the transformative impact of education. Tuckwell Scholars will epitomise this vision “to become the best you can be while hoping to make the world a better place”. These characteristics are underpinned by the values of integrity, humility and generosity.

The ANU and the Graham and Louise Tuckwell Foundation have established a collaborative partnership to develop the Tuckwell Scholarship program. The first cohort of 25 Tuckwell Scholars will commence at ANU in February 2014. Graham and Louise Tuckwell have been extremely generous with their time during the initial establishment of the program and throughout the selection process. Many of the innovative features of the Scholarship Program reflect the vision of Graham and Louise Tuckwell.

The Tuckwell Scholarship program is an exemplary program that is encouraging and establishing the next generation of philanthropists. The program has a strong focus on giving back to Australia. It is the only one of its kind that nurtures scholars to fulfill their wider ambitions over and above the pursuit of an undergraduate degree.

The Tuckwells have committed to travelling to Australia from the UK twice a year to participate in the selection processes for new scholars and to welcome new scholars to campus and to the Tuckwell Scholarship program. It is this very personal level of commitment, over and above the financial support, that makes their gift truly extraordinary.

Open to students from around Australia, the Tuckwell Scholarship program (<http://tuckwell.anu.edu.au/>) supports 25 scholars each year (at \$20 000 per annum) for up to five years of their undergraduate degree at ANU.

The program specifically aims to develop highly talented and motivated school leavers to fulfill their potential and reinvest their knowledge, skills and experience in ways that positively benefit others.

The gift to ANU by Graham and Louise Tuckwell is a powerful endorsement of an Australian university by a proud alumnus. This endorsement is clearly of immeasurable benefit to the University and supports its reputation and position as a world-class institution. The Tuckwell Scholarship program helps the University attract the best and brightest students from across Australia and broadens the type of student who might consider ANU as a destination for their studies. The Scholarship application process also encourages students to view their achievements through a different lens.

In its first year, the breadth and reach of the Tuckwell Scholarship program across Australia and the response to the Scholarships has been phenomenal. On launch day, 5 February 2013, the University recorded 59 777 hits on the ANU Tuckwell website. The University received 657 applications - an extraordinary number.

Almost all students who participated in different aspects of the selection process viewed it as a positive and encouraging experience. The feedback from the final shortlist of 72 candidates from across Australia who participated in the interview weekend at ANU has been overwhelmingly positive.

The Tuckwell donation to ANU brings benefit to the sector as a whole by setting a new benchmark for transformative philanthropy.

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## The Award for Outstanding Excellence in Collaboration

**Awarded to:** Monash University  
and GlaxoSmithKline Australia

**Project:** The Monash-GlaxoSmithKline  
Australian Centre for Innovation and  
Industrialisation (Acol2)



# The Ashley Goldsworthy Award for Sustained Collaboration between Business & Higher Education 2013

Sponsor



Nuclear-based science benefiting all Australians



## The Ashley Goldsworthy Award for Sustained Collaboration between Business & Higher Education



Awarded to: Victoria University

Project: Victoria University and Western Health



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Nuclear-based science benefiting all Australians



Victoria University's longstanding collaborative partnership with Western Health extends over many projects spanning several arenas of collaborative work such as student clinical placements, research and work-based education programs.

Recognised as one of Australia's most industry engaged universities, Victoria University offers a unique combination of academic and vocational skills, coupled with an advanced research profile. Western Health is the pre-eminent provider of health services in the western metropolitan region of Melbourne.

The Victoria University and Western Health partnership creates an opportunity to work closely to develop innovative courses in emerging areas of demand. It allows for two of the largest public sector institutions in this region to form a strong

alliance and to collaboratively work towards the realisation of the State Government's vision for the West. Understanding of the need to support this region - recognised as the fastest growth corridor in Australia - the organisations have worked together over a number of years in the provision of excellence in both education and training and the optimum of health care delivery.

Victoria University and Western Health have worked collaboratively to develop a customised Diploma of Nursing and a Graduate Certificate in Management – Healthcare Leadership with the overall objective to ensure all staff are appropriately trained and qualified and continue to learn and develop and through continuous improvement in research and innovation so the health of the community will be secured. The emphasis on service to the community is further demonstrated through a commitment to educate future generations and build a sustainable workforce.

150 Western Health Enrolled Nurses have completed Diploma of Nursing in 18 months. In the Graduate Certificate of Management (Healthcare Leadership) 19 participants have completed the pilot program with a 100% qualification rate achieved.

These workforce development programs aim to successfully address the learning needs of Western Health staff and account for a variety of industry specific barriers to study, including absence from study for a prolonged period, capacity to participate in a contemporary IT based learning environment and most importantly the current social, working and economic status of the staff participants.

Another major collaboration is the Western Centre for Health Research and Education (CHRE), a dynamic, innovative and sustainable teaching, training and research precinct in Western Melbourne. The CHRE precinct will make a major contribution to the future health of the Victorian community. Further, the work of the precinct will realise significant benefits for the social and economic development of Victoria based on excellence in research, a high calibre workforce, and solid infrastructure support.

At all levels, the Victoria University and Western Health partnership and associated projects are driven by the overarching objective to contribute to the wider community by ensuring the health care, education and research is provided are exceptional and world-class. Western Health and Victoria University's relationship has been successful throughout the years as the two flagship institutions in the western region of Melbourne. In this distinct and challenging contextual environment, the work of the Victoria University and Western Health partnership has flourished and the unique challenges present have been utilised as opportunities for substantial social engagement, community enablement and policy development.

Victoria University and Western Health have worked together to service the diverse communities of this region in health and education, two major sectors underpinning the development and success of every community. This relationship is built on collaboration, transparency, open dialogue, the pursuit of excellence and integrity and is driven by shared goals of service excellence and the growth of a community that is challenged by significant economic and social barriers.

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*Making the Connection*

Driving collaboration across business, industry and tertiary education