



# **Innovation & Entrepreneurship in Australia: Spring Break Short Course**

10<sup>th</sup> - 17<sup>th</sup> March 2019







**In which country was wifi invented? Where is the largest stem cell company in the world? Where did the famous innovation software company Atlassian, which was the third largest Tech IPO in 2015, first start their business? Answer: “Australia”.**

An “Ideas Boom” agenda announced at the national government level to support innovation and entrepreneurship in all areas – ICT, alternative energy, biotech and medical devices, fintech, etc. – combined with one of the most aggressive research and development tax credit programs in the world, sees Australia set to compete with the likes of Silicon Valley, and many other innovation centres around the world.

Global Academic Ventures’ Innovation and Entrepreneurship Spring Break Short Course in Sydney, Australia is designed to bring together academic instruction, private sector industry guest speakers, and government and NGO representatives to provide students with a comprehensive understanding of the opportunities Australia offers entrepreneurs to develop innovative ideas.

During the five day program, students will attend lectures by a local academic; hear from industry leaders in the field; alumni who have started or grown their businesses in Asia Pacific; government officials who will detail the Australian strategy for cultivating an environment to support entrepreneurs and the development of innovative companies in Australia.

Australian Prime Minister Malcolm Turnbull recently remarked that “there’s never been a more exciting time to be an Australian” in the context of announcing his plan for an “ideas boom” in Australia to support innovation and entrepreneurship. There has also never been a more exciting time to visit Australia for a week over spring break and learn about the innovation opportunities and practices of entrepreneurs down under.

*“I highly recommend the GAV Spring Break Innovation and Entrepreneurship Program in Sydney, Australia. Our group had a fantastic experience in 2017 and we are signed up to go again during our spring break in 2018. It blends academic instruction, corporate and government briefings, with the cultural drivers that are fundamental in Australia’s business and innovation climate. I have never worked with a group so committed to student success.”*

**Jim McClenahan, Director of Corporate Outreach, University of Nevada, Reno, College of Business**





***"I have led multiple student delegations to Hong Kong, Singapore, Malaysia, Australia & New Zealand with GAV for many years and I have to say, GAV has provided an outstanding experience for faculty and students every time! Business school students learn the most from company visits, and GAV has helped arrange some of the most amazing company visits over the years, ranging from multinational to local businesses. I cannot think of conducting a study abroad program without GAV's involvement."***

**Dr. Hemant Kher, Associate Professor Operations Management, Alfred E. Lerner College of Business and Economics, University of Delaware**

## **STRUCTURE OF THE COURSE**

This course looks to bring together multiple delegations from colleges and universities to pool resources and work collaboratively so that we can develop a richer experience for the faculty and students coming to Australia. Dr. Bridge, who is on faculty at University of New South Wales (UNSW), has kindly assembled the syllabus for this course and will be delivering the lectures for the classroom portion of the course. Professor Bridge essentially acts as a master of ceremonies for the course so that he can better coordinate with visiting professors and students for the many company presentations and guest speakers and site visits.

This course has 44 contact hours, as follows:

Sunday, March 10<sup>th</sup> – 1 contact hour

Monday, March 11<sup>th</sup> – 9 contact hours

Tuesday, March 12<sup>th</sup> – 10 contact hours

Wednesday, March 13<sup>th</sup> – 12 contact hours

Thursday, March 14<sup>th</sup> – 6 contact hours

Friday, March 15<sup>th</sup> – 6 contact hours

Each College or University that chooses to participate will recruit students to travel with their own faculty member. The faculty will act as the leader of each student delegation and will be responsible for getting the course approved for credit at their institution, recruiting the students, and grading the quizzes and the final project/exam that Dr. Bridge prepares. Each student's final grade will be given by the professor from their home institution.



## DR WALLACE BRIDGE

Biotechnology Program Director  
School of Biotechnology and Biomolecular Sciences (BABS)  
University of New South Wales, Sydney, Australia



## RESEARCH CONTRIBUTION

I have 33 years industrial and academic experience in bioprocessing-based R&D in Australia and overseas (Italy and UK). My major research areas have included: ethanol; cephalosporin C, nisin, thiol antioxidants; isoprenoids; glycosidic enzymes; lactic acid bacteria (dairy starter cultures and probiotics), bakers yeast; yeast extract manufacture; and microbial biotransformations and biocatalysis. Current on-going research activities are in the fields of biocatalysis and microbial contamination control in industrial processes.

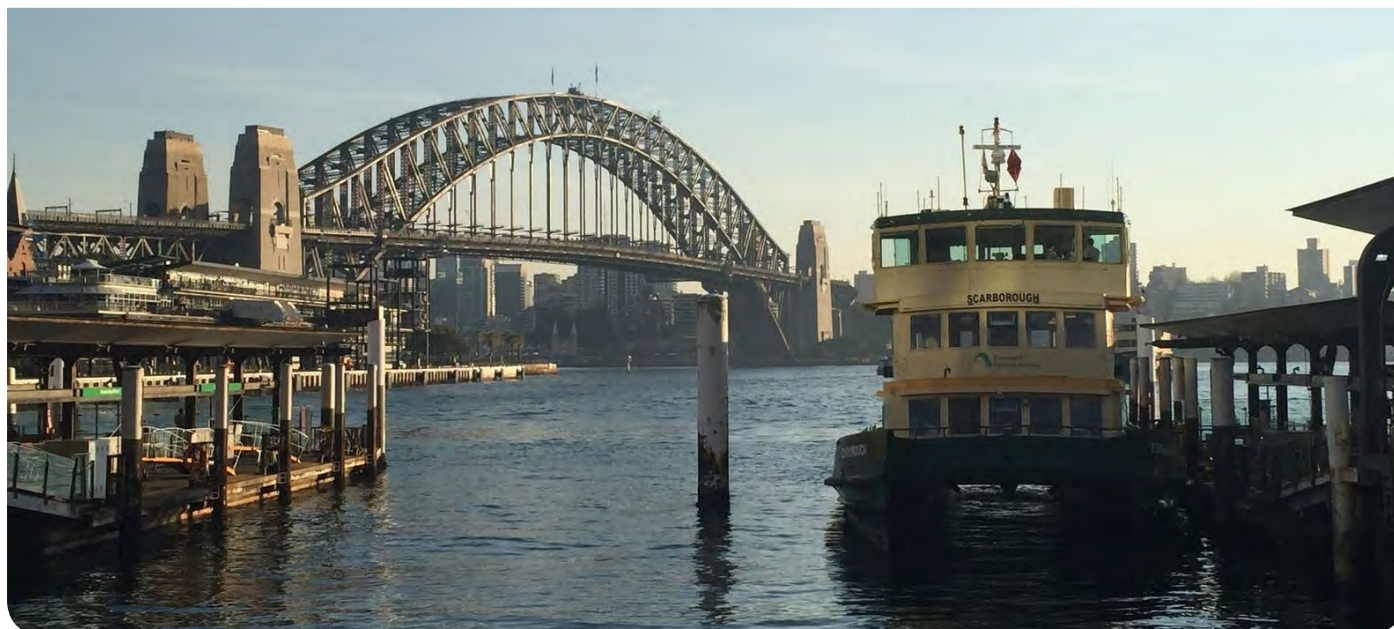
**Commercialization:** My research group has developed a patent-protected (triadic granted) biocatalytic-based process for the manufacture of a natural antioxidant gamma-glutamyl cysteine (GGC), which has therapeutic potential for the treatment of many chronic and age related disorders. The patent has been licenced to Biospecialties International Pty Ltd (BSI) which was started-up specifically for the purpose of commercialising GGC. GGC has GRAS (Generally Recognised as Safe) status in the US, which enables its inclusion in foods. BSI intends to be fully integrated and has established a GGC factory in Newcastle, NSW and is in process of building a new factory in Houston, Texas. The production plant is expected to be commissioned by late 2017 to be closely followed by the market launch of BSI's first GGC based consumer products.

## TEACHING CONTRIBUTION

Since 1999, I have established two programs (undergraduate and postgraduate) plus their component courses aimed at teaching business and commercialization to UNSW science, engineering and medicine students. Currently, within BABS I am responsible for the academic management of our BSc Biotechnology program. I am also a member of the Executive for the Society for International Bioentrepreneurship Education and Research (SIBER). SIBER, established in 2012, is working towards identifying and communicating best practice in bioentrepreneurship education.

## HONOURS & AWARDS

- 2015: BABS Titans of Teaching Award (for best teacher as rated by students)
- 2013: BABS Outstanding Contributor Award (for establishing an annual symposium for research students and Post Docs)
- 2008: Australian Learning and Teaching Council Citation for Outstanding Contributions to Student Learning (Federal government \$10,000 prize in recognition of my efforts to establish technology entrepreneurship education programs)
- 2007 UNSW Australian School of Business Faculty Entrepreneur Award (for championing entrepreneurship education across UNSW)



***"I have led three study abroad programs to New Zealand and Australia using the services of GAV. I have been extremely pleased with their level of detail in the planning and execution of our programs. The business visits they planned were excellent and really engaged my students. I can recommend GAV without hesitation."***

**Dr. Reed Kennedy, Associate Professor of Management, Pamplin College of Business, Virginia Tech University**



## PROGRAM SCHEDULE

### **Friday, March 8<sup>th</sup>**

Flight departs the USA.

### **Saturday, March 9<sup>th</sup>**

In flight.

### **Sunday, March 10<sup>th</sup>**

Arrive into Sydney, Australia.

Morning - Global Academic Ventures staff will meet the group at the airport with a private coach to transfer to the accommodation and check in.

Group brunch.

Afternoon - orientation activities and Sunday evening welcome dinner with a welcome lecture by Dr. Bridge.

Overnight: students in shared accommodation.

### **Monday, March 11<sup>th</sup>**

Continental breakfast at accommodation, followed by a cultural day trip to explore more of Australia and learn about its history. Lunch is included.

Overnight: students in shared accommodation.

### **Tuesday, March 12<sup>th</sup>**

Continental breakfast at accommodation.

Company presentations and lectures with lunch included.

Overnight: students in shared accommodation.





**Wednesday, March 13<sup>th</sup>**

Continental breakfast at accommodation.  
Company presentations and lectures with lunch included.  
Overnight: students in shared accommodation.

**Thursday, March 14<sup>th</sup>**

Continental breakfast at accommodation.  
Company presentations and lectures with lunch included.  
Overnight: students in shared accommodation.

**Friday, March 15<sup>th</sup>**

Continental breakfast at accommodation.  
Company presentation, followed by course assessment in the afternoon. Lunch is included.  
Overnight: students in shared accommodation.

**Saturday, March 16<sup>th</sup>**

Continental breakfast at accommodation.  
Free time all day.  
Overnight: students in shared accommodation.

**Sunday, March 17<sup>th</sup>**

Continental breakfast at accommodation.  
Depart Sydney, Australia.







## PROGRAM FEES AND INCLUSIONS

**Student Program Fee:** US\$1,995.00\*

### **Includes:**

- 7 nights shared accommodation in Sydney.
- Welcome brunch and dinner on day of arrival.
- Continental breakfast at accommodation each morning (7 breakfasts).
- Lunch each weekday during class days (4 lunches).
- All classroom and meeting room space for all lectures, guest speakers, company presentations, tutorials, and group case study work/discussions.
- Ground transport to and from Sydney accommodation and Sydney airport.
- Group transport to all group events and course meetings.
- Dr Bridge's academic services.
- Wifi at accommodation and in classroom/meeting space.
- 24/7 staff support from Global Academic Ventures.

### **NOT included:**

- Round trip airfare to Sydney, Australia.
- Tuition to the home institution, if applicable.
- Insurance is not included, but can be bought at an additional cost through GAV.

**Professor program fee:** 1 Professor FREE per 12 students\*

### **Includes:**

- 7 nights single room accommodation in Sydney.
- Continental breakfast at accommodation each morning (7 breakfasts).
- Lunch each weekday during class days (4 lunches).
- All classroom and meeting room space for all lectures, guest speakers, company presentations, tutorials, and group case study work/discussions.
- Ground transport to and from Sydney accommodation and Sydney airport.
- Group transport to all group events are course meetings.
- Dr Bridge's academic services.
- Wifi at accommodation and in classroom/meeting space.
- 24/7 staff support from Global Academic Ventures.

\*Depending on availability at group accommodation, it may be possible to upgrade to a single room for an additional fee. The upgrade will be done on a case-by-case basis, and those interested should contact GAV.

\*Professors that successfully recruit 16+ students will receive one complimentary round trip economy class airfare to Sydney. Professors that successfully recruit 20+ students will receive one complementary round trip economy plus/economy comfort airfare to Sydney.

All faculty flights are booked and paid for by GAV. GAV will select the airline and the flight routing for each faculty when including flights. Insurance is not included for any faculty, but can be bought at an additional cost through GAV.



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