



2008

AUSTRALIAN-AMERICAN FULBRIGHT COMMISSION ANNUAL REPORT

MUTUAL UNDERSTANDING THROUGH EDUCATIONAL EXCHANGE



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U.S. Consul General, Melbourne
(resigned July 2008)

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(joined January 2008)

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Professor John Yovich AM

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Senator J. William Fulbright

James William Fulbright, the founder of the Program, was born on 9 April 1905 in Sumner, Missouri. He was educated at the University of Arkansas where he was awarded a BA degree in Political Science in 1925. He then attended Oxford University as a Rhodes Scholar where he received an MA degree.

When Fulbright returned to the United States, he studied law at George Washington University in Washington, DC. During the 1930's he served in the Justice Department and was an instructor at the George Washington University Law School. In 1936 he returned to Arkansas where he was a lecturer in law and from 1939 to 1941 he was President of the University of Arkansas, the youngest university president in the country at the time.

In November 1944 he was elected to the U.S. Senate and served through to 1974, becoming one of the most influential and best-known members of the Senate. His legislation to establish the Fulbright Program, funded by war reparations and foreign loan repayments to the United States, was passed through the Senate without debate in 1946.

In 1949 Fulbright became a member of the Senate Foreign Relations Committee. From 1959-1974 he served as its Chairman, the longest serving Chairman of the Committee in history. After leaving the Senate in 1974, he became counsel to a Washington law firm but remained active in support of the international exchange program that bears his name.

In 1963 Walter Lippman wrote of Fulbright: "The role he plays in Washington is an indispensable role. There is no one else who is so powerful and also so wise, and if there were any question of removing him from public life, it would be a national calamity".

Fulbright received numerous awards from governments, universities and educational organisations around the world for his efforts on behalf of education and international understanding. In 1993 he was presented with the Presidential Medal of Freedom by President Clinton.

Senator J. William Fulbright died on 9 February 1995 at the age of 89 at his home in Washington, DC.

"The Fulbright Program aims to bring a little more knowledge, a little more reason, and a little more compassion into world affairs and thereby increase the chance that nations will learn to live in peace."



Mission Statement - The mission of the Australian-American Fulbright Commission is to further mutual understanding between the peoples of Australia and the United States through educational and cultural exchange. This is primarily achieved through the administration of Fulbright Scholarships to support the research and study of Australians in the United States and Americans in Australia.

The Australian-American Fulbright Commission

Born of the impact of World War II, the Fulbright Program was established in 1946 through the initiative of U.S. Senator J. William Fulbright and the support of the United States Government, initially funded through the sale of surplus war materials.

Since then over 250,000 talented people worldwide have been recognised as Fulbright Scholars. It is now the largest and one of the most prestigious educational scholarship programs in the world and operates between the United States and more than 150 countries.

The Australian Program was established in 1949 through the first treaty ever signed between the Australian and United States governments. The initial sale of U.S. surplus war materials to Australia provided \$US5.8m, which funded the first 14 years of the program.

Following this, a new agreement was entered into in 1963 by the Australian and U.S. governments to establish the Australian-American Educational Foundation (later to be known as the Fulbright Commission), funded equally by the two parties.

Today the Australian-American Fulbright Commission, headquartered in Canberra, continues to be funded by the Australian and U.S. governments, along with a select group of sponsors, and annually provides up to 50 scholarships for study between Australia and the U.S.

The Prime Minister of Australia and the U.S. Ambassador are the Honorary Co-Chairs of the Commission. Since its establishment the Commission has awarded scholarships to over 2,600 Australians and 2,000 Americans. A distinguished group of alumni are thus an integral part of the Program's rich history and ongoing professional network.

“The Fulbright scheme is an outstanding act of international statesmanship because it provides a unique opportunity for non-Americans to form an intelligent appreciation of the United States and for Americans to develop a better understanding of the rest of the world.”

Sir Zelman Cowen, 1953 Fulbright Scholar, former Governor-General of Australia and patron of the Australian Fulbright Alumni Association (AFAA).

The Fulbright Agreement being signed in Canberra, November 1949 by U.S. Ambassador to Australia, Hon. Pete Jarman and the Australian Minister for External Affairs, Rt.Hon. Dr H.V. Evatt.



Honorary Co-Chairs

Prime Minister of Australia

Since the inception of the Fulbright Program in Australia, more than 2600 Australians and 2000 Americans have been Fulbright Scholars in our respective countries.

These exchanges have not only benefited the students themselves, they have also benefited the relationship between our two countries. The connection between Australia and the U.S. is one which is steeped in history.

Importantly, the relationship is also part of our framework for meeting the challenges of the future. Programs such as Fulbright work to forge strong relationships, collaborations and linkages on both sides in a range of fields and across the nation.

In September 2008 I met with a group of Fulbright Scholars from the U.S. when they visited Parliament House.

They were a remarkable group of people who are undertaking research around Australia in a wide range of fields such as mental health in military veterans, autism, philosophy, ecology and physics.

It is students such as these who will help the world to meet the challenges it faces in the decades ahead. I am pleased and honoured to serve the Fulbright Program as Honorary Co-Chair and look forward to continuing to work with the Fulbright Commission in the years ahead.



The Hon Kevin Rudd MP
Prime Minister of Australia



U.S. Ambassador to Australia

In 2008, the Fulbright Program in Australia moved from strength to strength.

The impressive increase in sponsored scholarships continued with the introduction of the CSIRO Scholarship, which supports an American citizen to undertake an 8-12 month postgraduate research project within the CSIRO National Research Flagships program. And in a very promising development, two new state scholarships were established in New South Wales and South Australia. These state scholarships will give the Fulbright Program greater representation from the whole of Australia.

I was also very pleased to recently launch an appeal to U.S. companies in Australia to support the establishment of a Fulbright U.S. Visual & Performing Arts Scholarship to Australia. We are very grateful for the donations already received towards this scholarship.

In 2008, we welcomed four new Board members: Professor Steven Schwartz, Professor John Yovich AM, Mr Craig Saddler, and Mr Michael Thurston, our new Consul General in Melbourne. We are all grateful for the service of the Board members, especially that of the outgoing members: Mr Earl Irving, the former Consul General in Melbourne; and Mr Craig Chittick, the representative of the Department of Foreign Affairs and Trade.

December 2008 marked an important transition for the Fulbright Program in Australia as Mark Darby handed off the Executive Director role to Joe Hlubucek. Mark has done an outstanding job over the past eight years. I thank him for his contributions to U.S. – Australian relations, and I wish Joe all the best in his new position.

As I returned to the United States in January 2009, I want to say that I greatly enjoyed serving as the Honorary Co-Chair of the Fulbright Program in Australia, and I look forward to staying involved in Fulbright events in the future.



Robert D. McCallum, Jr.
U.S. Ambassador to Australia



Board Chair - Tom Pascarella

The Australian-American Fulbright Commission had a very successful year in 2008 with the establishment of new scholarships and partnerships.

The eventful year began with the Fulbright Presentation Dinner, hosted by the University of Western Australia at its impressive Winthrop Hall to recognise the 2008 Australian Fulbright Scholars. It was also a welcome opportunity to thank the donors, fundraising committee and alumni involved in establishing the Fulbright Western Australia Scholarship and to celebrate the inaugural Fulbright WA Scholar.

The inaugural Fulbright Queensland Scholar was also recognised at the dinner, supported through donations from the Queensland state government and all Queensland based universities.

It is exciting to establish the Fulbright state scholarships with a focus on research of importance to that state. In April 2008, the Victorian Minister for Skills and Workforce Participation, the Hon. Jacinta Allan MP launched the Fulbright Victoria Scholarship, supported by the state government and Victorian based universities. The inaugural Fulbright Victoria Scholar will be recognised in 2009. We will also be announcing Fulbright NSW and South Australia Scholarships to commence from 2010, jointly sponsored by the respective state governments and universities.

In addition, in June the Fulbright Commission and CSIRO announced the establishment of our first externally-sponsored scholarship for a US scholar to study in Australia. The Fulbright CSIRO Scholarship will support an American postgraduate scholar to undertake research with a CSIRO National Research Flagship in Australia, from 2009.

The Fulbright Commission Board wishes also to gratefully acknowledge the support of the Australian and U.S. governments, and our corporate, institutional and individual sponsors including BHP Billiton, Telstra Corporation, the Pratt Foundation, and the other supporters listed in this report. We are indebted to these sponsors for the special opportunities they provide for our scholars.

The Commission is fortunate to have the support of the Australian and US governments at the highest levels in Australia as our Honorary Co-Chairs. I would like to thank the Prime Minister, the Honourable Kevin Rudd MP, for his contributions, especially for welcoming the U.S. Scholars to Australia in September and thanking all sponsors, supporters and alumni at the November reception, hosted by the US Ambassador, Robert McCallum. We also value the support from Ambassador McCallum as our US Co-Chair and thank him for his commitment and contribution to the Fulbright program over the past three years.

We look forward to maintaining our relationship with the Ambassador following his return to the US and his appointment to the J. William Fulbright Foreign Scholarship Board.

We would also like to express our appreciation to outgoing Board Chair Peter Coaldrake for his valuable stewardship over three productive years, and thank outgoing Board members Mr Earl Irving, US Consul General, Melbourne, and Craig Chittick, Assistant Secretary, The Australian Department of Foreign Affairs and Trade for their contributions. In 2008, we welcomed the new Board members, Professor Steven Schwartz, Vice-Chancellor, Macquarie University; Professor John Yovich AM, Vice-Chancellor, Murdoch University; Mr Craig Saddler, President, Boeing Australia; and Mr Michael Thurston, US Consul General, Melbourne.

“The Australian-American Fulbright Commission had a very successful year”

I would also like to thank our Selection Committees and the Fulbright Alumni for their much-appreciated contributions. This is also an opportunity to sincerely thank all those who devote their time and energy to these activities as volunteers.

In December 2008, we were sad to see the departure of the Executive Director, Mark Darby after eight years with the Fulbright program. His initiatives in establishing the Fulbright Presentation Dinner, Enrichment Program for US Scholars, state scholarships and links with US Alumni have been very positive. We thank him sincerely and wish him well.

We are also pleased to welcome the new Executive Director, Dr Joe Hlubucek, who joins the Commission with a broad background in higher education, science and technology programs and policy development in Australia and the US with the Australian Academy of Science, the Australian and NSW Governments and the Reserve Bank of Australia.

Thank you to all our supporters in making 2008 such a successful year. In particular a special thank you to the staff of the Fulbright Commission office for their ongoing commitment and professionalism.



Tom Pascarella
Chair of the Board



Executive Director

It is a great pleasure for me to join the Australian-American Fulbright Commission as its Executive Director. I have known about the Fulbright Program for many years and I have been impressed by the Fulbright Scholars and Alumni I have met both in Australia and in the U.S. I am looking forward to working with our many supporters on building on the many excellent programs already initiated.

Through my experience with various scholarship programs, the prestigious Fulbright Program stands out for its special binational nature and bilateral support. It is also the richness of the experiences, as shared by many Scholars and Alumni in this annual report and our website, that highlight Senator Fulbright's ideals of mutual understanding through international exchange.

A big part of that special network is the Fulbright Alumni community and I look forward to working with the Australian Fulbright Alumni Association and the Australian and U.S. Chapters to continue this rich network in supporting future Scholars and the ongoing Australia – U.S. relationship.

I also look forward to working with our American Alumni and keeping them connected to Australia and the Australian Fulbright Program.

The weekend alumni seminars in the U.S. hosted by the University of California, Davis, and Purdue University highlighted the ongoing connections and interest between U.S. Alumni, U.S. universities and Australia. We look forward to continuing to build on these through the U.S. Alumni Chapters and enhancing their connections with the Australian Consulates and mission in the United States.

Funding

The Commission continues to be well supported by the Australian and United States governments, as well as an increasing mix of donors and sponsors. The Fulbright Program and Scholarships are enriched by the partnership and engagement with state governments, universities, corporate groups and Alumni. This was the last year for the Pratt Foundation's generous support for the Fulbright Postgraduate Scholarship in the Visual and Performing Arts since 1996 and we are grateful for their sponsorship. I look forward to meeting many of our sponsors and supporters during 2009.

The core program funding has remained solid in 2008, although the decline in global financial markets has seen a reduction in our reserves and scholarship funds. A slight reduction in scholarships will therefore be offered in 2009 to ensure these scholarship funds are maintained for the long-term. On a positive note, funds

are still being received for some of the state scholarships and a large proportion is still being held in cash.

Staff

The Commission farewellled Mark Darby, its Executive Director for over eight formative years with the program, in December. Mark will be remembered fondly by his many friends, and for his significant contributions to the program. The Commission was also sorry to farewell Communication Manager, Jennifer Cahill, and Leanne Edmonds, Administrative Assistant in 2008. We welcomed new staff in Rosemary Schmedding as Communication Manager and Natalie Collins as the Administration Assistant.

Supporters

We are also indebted to the assistance we receive from our many supporters and I would like to add my sincere thanks to our sponsors, supporters, Board, Selection Committees, Alumni and the Commission staff for their contribution to a wonderful 2008 and ongoing success of the Fulbright Program in Australia.

Some 2008 Commission highlights

- » First Fulbright Presentation Dinner to be held in Western Australia
- » Meeting with the Prime Minister and the Ambassador during the Enrichment Program
- » Launch of Fulbright CSIRO Scholarship
- » Launch of the Fulbright Victoria Scholarship
- » *Healthy People – Prosperous Country* Fulbright Symposium hosted by Flinders University
- » U.S. Fulbright Alumni weekends at University of California, Davis and Purdue University, Indiana



Dr Joe Hlubucek
Executive Director



Program

The success of the annual Fulbright Scholarship Program is the focus of the Commission and includes the following core activities: new Scholarships; Scholarship promotion; selection and management of Scholars and Scholar enrichment.

Promotional activities

Promotional activities for 2008 focused around a cycle of presentations to over 28 universities, which included visits to all capital cities and selected regional universities.

Two new Scholarships were launched and promoted in 2008:

- » Fulbright CSIRO Postgraduate Scholarship (U.S.).
- » Fulbright Victoria Scholarship.

Initiatives for 2008 promotion included:

- » the development and introduction of information sessions specifically for PhD supervisors, research facilitators and faculty heads;
- » the development of a university profile for each Australian university to better inform stakeholders and thus increase engagement with the Fulbright Program; and
- » the dissemination of Fulbright promotional material in selected university induction packs.

Selection of Scholars

The selection of Scholars is a pivotal aspect of the program and relies heavily on the contributions from the State and National Selection Committees. This year we welcomed 13 new State Selection Committee members and five National Selection Committee members. We are grateful for the commitment and support of these members and particularly the Fulbright State Secretaries who coordinate the process. Highlights in the selection process included:

- » an increase in applications for Australian Fulbright Scholarships across most Scholarship categories and states and the largest number of Scholarships offered (24);
- » greater diversification from a wider range of academic fields, home universities and U.S. states from U.S. applicants;
- » trialling of "Distributor", an online web based distribution system to disseminate electronic copies of the Fulbright applications in the ACT, NSW and QLD.

Scholarship management

An important aspect of the Program is the provision of support/advice to Fulbright Scholars in their transition from home to the host country. Initiatives for 2008 included the establishment of a Scholar management system to enhance tracking of Scholar administration; provision of Fulbright Scholar business cards; and distribution of Lonely Planet guides to enable informed travel planning.

Scholar Enrichment activities

- » Enrichment activities provide Fulbright Scholars with the opportunity to network with each other, learn more about the Fulbright Program and to enhance their Fulbright experience. They include the following key events:
- » Orientation program for the 2008 Australian Scholars (March 2008, Perth).
- » U.S. Fulbright Enrichment Program (September 2008, Canberra).

Highlights included an afternoon tea hosted by Ambassador McCallum at the U.S. Embassy residence to welcome and present the Scholars with their Fulbright pins; a visit to Question Time at Parliament House; and a meeting and photo session with the Prime Minister, the Hon. Kevin Rudd MP.

- » Enrichment Dinner at Old Parliament House. The dinner was attended by over 90 guests to welcome and recognise the success of the U.S. Scholars.
- » Receptions for Scholars were hosted by the Consuls General in NSW, WA and VIC and by Queensland University of Technology in Brisbane.
- » U.S. Scholar evaluation and review session (March, Perth). This included a breakfast meeting with ten of the 2007 U.S. Scholars and many of the 2008 Australian Scholars.

2008 Program highlights

- » Promotion and selection of inaugural Fulbright Victoria Scholarship.
- » Promotion of the inaugural CSIRO Scholarship for selection of the first U.S. CSIRO Postgraduate Scholar.
- » Presentations conducted at 28 universities including selected regional universities.
- » Increased Australian Fulbright Scholarship applications.
- » Enrichment Program meetings with the Prime Minister and U.S. Ambassador.

Australian Fulbright Scholars 2008

	Field of Study	Host Institution	Research Focus
Postgraduate Scholars			
Sarah Beavan Technology & Communications – (Telstra)	Physics	Joint Quantum Institute at the National Institute of Standards and Technology and the University of Maryland	Research on quantum mechanics focusing on quantum cryptography. (Aust. PhD research)
Sharon Bonython – Ericson (Queensland Scholarship)	Health Science	Northeastern University, Boston	PhD research on indigenous health comparisons between Far North Queensland and North America. (Aust. PhD research)
Tegan Brink	Law	Columbia University	Master of Laws (LLM), focusing on international economic law, looking at the relationship between World Trade Organisation (WTO) law, preferential trade agreements and growing areas of global governance. (U.S. Masters coursework)
Azadeh Dastyari (Alumni-WG Walker, Gregory Schwartz)	Law	Georgetown University	Comparative study of U.S. and Australian immigration and refugee law – interception, detention and offshore processing of asylum seekers. (Aust. PhD research)
Kim Edwards	Economics	Harvard University	Masters in Public Administration / International Development (MPA/ID), with a focus on macro-economic policy in small, open economies. (U.S. Masters coursework)
Natalia Galin (Science & Engineering BHP Billiton)	Electrical Engineering	University of Kansas and NASA/ Goddard Space Flight Center	Research on geophysics and radar engineering to develop an airborne radar capable of measuring the depth of snow cover on Antarctic sea ice. (Aust. PhD research)
Jenny Giles	Marine Science	Guy Harvey Research Institute, Nova Southeastern University	Research on forensic techniques to characterise aspects of Australia's contribution to the Indo-Pacific shark fin trade. (Aust. PhD research)
David Keith	Environmental Policy	Massachusetts Institute of Technology (MIT)	Undertake a PhD investigating the consequences of widespread implementation of sustainable energy technologies for transportation, and the role of technology and public policy in developing effective transitional strategies. (U.S. PhD coursework)
Christopher Lawrence (Indigenous – DEEWR)	Epidemiology	Brigham and Women's Hospital, Harvard University	Research interventions designed to reduce the incidence of obesity and onset of type 2 diabetes amongst minority groups. (Aust. PhD research)
David Liu (Gregory Schwartz)	Computer Engineering	University of Utah	Research on designing patient simulators to support human factors' evaluations of medical device innovations. (Aust. PhD research)
Clyde McGill (Visual & Performing Arts – Pratt)	Visual Art	Hunter College, University of New York	Master of Fine Art exploring the cultural implications of the ambiguity of contemporary borders, including the Australian-American Pacific border. (U.S. Masters coursework)
Keith Pembleton (Tasmania Scholarship) (Gregory Schwartz)	Rural Technologies	Purdue University	Study in molecular biology and advanced crop physiology, aiming to develop a better understanding of gene expression that will improve the management of lucerne, particularly with regard to drought tolerance. (Aust. PhD research)
Anthony Robinson (Western Australia Scholarship)	Viticulture	University of California, Davis	Research on environmental influences on grape aroma potential. (Aust. PhD research)
Postdoctoral Scholars			
Tony Kemp	Geology	Washington State University	Research seeking to understand what caused the rapid growth of the Australian continent during the Proterozoic era – 1.9 to 1.5 billion years ago.
Kenneth Pang	Medicine	Harvard University	Research into the molecule ribonucleic acid (RNA) and its hidden role in intercellular communication within the body.
Senior Scholars			
Brenda Cherednichenko	Education	University of Texas, El Paso	Developing a learning, education and research network for improved educational outcomes for young people in disadvantaged communities.
Robin Gasser	Molecular Parasitology	Caltech, Washington University and the National Human Genome Research Institute	Research on parasite genomics, working towards developing novel intervention strategies for destructive parasites, using cutting edge advances in genomics and bioinformatics.
Jennifer McKay	Law	University of California, Berkeley	Research water allocation and sustainable development law for water use
Jiyuan Tu	Computational Fluid Dynamics	Purdue University	Computational and experimental modelling of multiphase bubbly flow will involve collaborative research towards developing new predictive models vital for nuclear safety and many other industries.
Professional Scholars			
Christopher Ainsworth (VET – DEEWR)	Business Administration	The City of Austin's and the City of Dallas's Offices of Emergency Management	Research to increase professional respect between full-time and volunteer emergency management staff through equitable access to training.
Abul Hashem (Business/ Industry - Coral Sea)	Weed Science	Oregon State University	Research on developing synergistic herbicide mixtures to combat herbicide resistant weeds.
David Hobbs	Rehabilitation Engineering	Cleveland FES Center and Shriners Hospital for Children, Philadelphia	Research into functional electrical stimulation (FES) and cerebral palsy, aiming to develop and evaluate an effective protocol for delivering optimal functional electrical therapy for children with cerebral palsy.
Cameron O'Reilly (Alliance Studies – DFAT)	Public Policy	University of Texas and Georgetown University	Research into reducing emissions while remaining competitive, carrying out a comparative public policy study of U.S. and Australian approaches to reducing greenhouse gas emissions.



Azadeh Dastyari



Professor Brenda Cherednichenko

Azadeh Dastyari, Fulbright Australian Alumni (WG Walker) Scholar

“The needs of refugees are a global issue that has to be tackled at a global level. My research will assist in finding a better balance between the rights of sovereign nations and the rights of a vulnerable group.”

Azadeh is researching U.S. and Australian immigration and refugee law at Georgetown University. She is examining the processing of refugees by the United States in Guantanamo Bay, Cuba and by Australia in the Australian territory of Christmas Island.

“My research will have long-term benefits for both the U.S. and Australia by increasing mutual understanding of the offshore refugee processing regimes adopted by each country.”

Azadeh said that the U.S. policy of offshore processing has been in operation for approximately 18 years, whereas Australia’s offshore processing regime has only been in operation for eight years.

“There is therefore much that Australia can learn about the long-term effects of offshore processing and how the U.S. has chosen to modify the policy over time.”

“Australia has also adapted the U.S. offshore processing model to the Asia/Pacific region. The U.S. will benefit from a better understanding of how offshore processing of refugees has been adapted in a new region and the strengths and weaknesses of the modified policy adopted by Australia.”

Azadeh said that, apart from her studies, she found the U.S. election to be a real highlight of her time in the U.S.

“I was in Washington, DC when the United States elected its first African-American President. I saw people pour onto the streets and dance. Music seemed to appear from nowhere. I saw people celebrating on top of cars and strangers embracing each other. Everyone was crying. Everyone was full of joy. It was the most overwhelming outpouring of emotion I have ever witnessed. The United States was full of hope and promise that night.”

Professor Brenda Cherednichenko, Fulbright Senior Scholar

“My particular commitment is to working with Australian communities that do not have the educational and social capital to enable young people to access all the opportunities that exist in this country.”

Based at Edith Cowan University in Western Australia, Brenda will visit the University of Texas at El Paso (UTEP) from April 2009. She will undertake research into practices at U.S. universities that enable young people and the local community to develop and successfully fulfil educational aspirations and outcomes.

El Paso is closely linked to its local community, which includes many native American and Mexican indigenous families in economically poor environments. Brenda’s research will include working closely with the Department of Teacher Education and the University College looking at how they address these issues.

“The emphasis which UTEP has developed over the past 20 years to successfully redress educational access and achievement in this area is internationally significant and renowned. I am very keen to learn more about the programs they have implemented and the regional Educational Collaborative they have established as a community led forum for change and improvement.”

“Edith Cowan University has a similar commitment to its community, many of whom have not completed secondary education. The university is keen to learn through this project and to develop our engagement and outreach mission and programs to enhance learning and life outcomes for the community.”



Sarah Beavan



Anthony Robinson

Sarah Beavan, Fulbright Postgraduate Technology and Communication Scholar

sponsored by Telstra

“In the age of the Internet our society relies heavily on encryption to ensure confidentiality, reliability and authenticity of digital communications. The systems in use today depend on the computational difficulty of performing some algorithms. While it is unlikely that this encryption will be broken, it can not be proven to be secure.”

Sarah Beavan from the Australian National University (ANU) is carrying out PhD research at the Joint Quantum Institute (National Institute of Standards and Technology (NIST), University of Maryland, and the Laboratory for Physical Sciences) in an area of quantum mechanics known as quantum cryptography.

“Quantum cryptography is a very popular research topic that will affect many aspects of society when implemented. It is an especially attractive prospect for organisations with high security requirements, such as government defence agencies, financial

institutions and telecom carriers. The main impediment of such quantum systems is that information is lost exponentially as the distance between the sender and receiver is increased.”

“A so-called ‘quantum repeater’ would be the solution to this limited range problem and would form an essential component of any future quantum networks.”

“My project’s aim is to demonstrate a quantum repeater at the JQI and to apply the solid-state quantum memory in our laboratories at ANU; it is expected that this repeater design will be more reliable and robust than current setups.”

When she isn’t working in the lab, Sarah said that she enjoys being in a different environment, whether it be watching the deer roam around the NIST grounds or being one of a multitude of visitors to the very impressive Washington, DC attractions.

Anthony Robinson, Fulbright Postgraduate Western Australia Scholar

“My research centres on understanding how the environment influences aroma compound formation in grapes and how these aroma compounds influence the regionally distinctive aromas of wine.”

Anthony Robinson is studying at the Viticulture and Enology Department at the University of California, Davis, which is internationally renowned for research conducted in wine and sensory science.

“Wine is an international commodity that is produced and consumed throughout the world. Australia and the U.S. have played a particularly important role in shaping the current global wine industry through new approaches and technical innovation.”

“My studies in the United States are providing more conclusive information about the role that grape derived aroma compounds play in wine aroma. The results of my research will be particularly valuable to the Australian wine industry, where regionality plays a significant role in product differentiation.”

“Outcomes from this research could lead to improved indicators for site selection and/or identification of viticultural management techniques that favour the development of targeted attributes in wines. This will have a significant impact for the established wine industry and also in other developing wine regions of the world.”

Tony plans to return with sensory research skills which can be shared with the Australian grape and wine research community, and intends to work towards greater collaboration between the two countries for future research and development.

Tony has also been able to spend time with Mr Darrell Corti of Sacramento who is an international authority on food and wine.

“His personal instruction has educated me about regional wine styles in the United States and has further broadened my overall understanding and appreciation of wine internationally.”





Dr Kenneth Pang



Cameron O'Reilly

Dr Kenneth Pang, Fulbright Postdoctoral Scholar

“The sequencing of the human genome was completed in 2001 amid much fanfare. However, even today, scientists are a long way from unravelling its mysteries. One of the greatest puzzles is that the majority of the genome seems to have no function. Could all this so-called ‘junk DNA’ really be useless?”

Dr Kenneth Pang from the University of Melbourne is researching ribonucleic acid (RNA) at Harvard University.

“In recent years, it has become apparent that ‘junk DNA’ enables our cells to make vast amounts of a molecule known as RNA. However, what all this RNA is doing remains largely unclear,” Dr Pang said.

“I am exploring the possibility that our cells send genetic signals to one another in the form of RNA. If this turns out to be true, it would represent an important paradigm shift in biology and provide new insights to help tackle disease.”

Dr Pang is working with Professor Craig Hunter at Harvard University. Professor Hunter’s

research has led the field in Dr Pang’s area of study. Dr Pang says that few laboratories in the world have the necessary resources and expertise to enable him to carry out his work effectively.

“The outstanding research and rich intellectual environment to which I am being exposed is providing me with an invaluable experience, not only through the acquisition of practical skills and knowledge but also the establishment of long-term connections and collaborations to bring back to Australia.”

Dr Pang said apart from his research, a highlight of his time in the U.S. has been being present in the lead-up to and aftermath of the election.

“The joy and excitement that followed the announcement of Obama’s election victory was something to behold. On the streets of Cambridge, people danced, strangers embraced, and cars honked their horns into the early hours of the morning. This was U.S. democracy experienced first-hand.”

Cameron O’Reilly, Fulbright Professional Australia-U.S. Alliance Studies Scholar

sponsored by the Department of Foreign Affairs and Trade

“Both Australia and the U.S. have an energy sector that is based on electricity and gas developed from abundant fossil fuels in both countries. Therefore, as allies and democracies, we have a strong interest in cooperating to meet the challenge of climate change.”

Cameron O’Reilly, Executive Director of the Energy Retailers Association of Australia, is undertaking research at the University of Texas at Austin, at its Center for International Energy & Environment Policy, into reducing emissions from a fossil fuel dependent energy sector in Australia and the U.S.

“I will undertake a comparative public policy study of U.S. Federal and State approaches to reducing greenhouse gas emissions from the electricity and gas industries, with a view to ascertaining new ideas on how Australia confronts this challenge without losing our competitive position as a low-cost energy country.”

“There is potential for complementary public policy responses to be adopted by both countries in areas such as carbon capture and storage, and renewable energy generation.”

Cameron aims to get a broad overview of the evolving policy response to climate change from the Obama administration. In particular, he will examine how it will relate to the energy sector, so that he can get a clear understanding of what it may mean in practice for Texas, the energy capital of the USA.

“In making policy changes to reduce emissions from the electricity and gas industries both countries need to be mindful that putting a price on carbon will lead to higher energy costs for households and businesses, something that will have implications for both social policy and economic competitiveness.”

Cameron will also be looking at the nuclear industry in the U.S. which is being revived because of the need to reduce emissions; as he says, this could lead to an increase in Australian uranium exports.

American Fulbright Scholars 2008

	Field of Study	Host Institution	Research Focus
Postgraduate Scholars			
Lynnette Averill	Psychology	University of Melbourne	Post-traumatic Stress Disorder (PTSD) and alcohol use in Australian military veterans.
Justin Brooks	History	University of Melbourne	The politics of race and identity among Indigenous Australian youth in urban centres.
Stesha Doku	Public Health	University of New South Wales	Health analysis of immigrants and Indigenous Australians using Geographic Information Systems (GIS).
Lauren Hallett	Ecology	Murdoch University	Developing goals and methods for the restoration of ecosystems degraded by human disturbance.
Lauretta Lacko	Biology	University of Sydney & Westmead Institute Cancer Research	Examining how progesterone acts and potentially increases the risk of breast cancer.
Laura Merwin	Biology	Curtin University	Examining plants in drought and fire-prone Mediterranean ecosystems that have evolved unique life-history types to ensure survival in harsh conditions.
William Odom	Human-Computer Interaction / Design	Griffith University Queensland College of Art	Investigating the role interactive technology and systems can play in (i) facilitating changes in urban sustainability practices such as urban farming, as well as (ii) reducing the current accelerated rate of disposal of everyday electronic devices.
Marguerite O'Haire	Psychology	University of Queensland	The effects of animal-assisted therapy on adolescents with Autism Spectrum Disorder.
Joe Pollock	Marine Biology	James Cook University	Understanding the role of bacterial communities in coral disease outbreaks.
Gabriel Rabin	Philosophy	Australian National University	The epistemology of modality – what is possible and impossible.
William Rothwell	Medical Science	University of Melbourne	Evaluating the T cell response to influenza in mice.
Justin Schultz	Physics	Australian National University	Researching more precise measurements by building a high-finesse cavity capable of detecting the reduced quantum noise on a squeezed atom laser.
Abigail Sebaly	Dance	Victorian College of the Arts (VCA), University of Melbourne	Study of choreography and participating in a professional mentorship at the Melbourne International Arts Festival.
Jessica Walker	Film making	RMIT	A multimedia project documenting people who share her name.
Christina Zdenek	Biology	Australian National University	Determining sustainable harvest rates of the green python by population viability analysis.
Senior Scholars			
Emmanuel Akporiaye	Biological Science	Griffith University	Research into use of novel vitamin E analogs to treat breast cancer.
Steven Gorelick	Water Resources	CSIRO (Perth)	Investigation of the ecohydrological constraints on groundwater development in Western Australia.
Charles Helms	Public/Global Health	University of Sydney	Research to assess the impact of the policy of mandatory health care workers' vaccination that was implemented in New South Wales.
Jennifer Keene	American History	Australian Defence Force Academy	Comparing Australia's World War I experience to other nations, including a focus on Aboriginal and Torres Strait Islander soldiers' experiences.
Andrew Storfer	Biological Science	James Cook University, University of Tasmania	Genetics of recolonization: the recovery of frog populations following an epidemic.
ANU Distinguished Chair			
James Lingle	Political Science	Australian National University	Research focusing on the effects of economic conditions on U.S. presidential elections.



Stesha Doku



Abigail Sebaly

Stesha Doku, Fulbright Postgraduate Scholar

“Despite Australia’s presence as a sea-locked nation in the Pacific, this small continent is home to a diverse collection of people whose nationalities range from Indigenous Australian to Asian and European. Even with this wide array of demographics, answers regarding the health of particular sections of Australia’s population are still lacking.”

Stesha Doku from Duke University chose the University of New South Wales in Sydney to undertake her research in public health. The focus of her project is identifying and examining the relationships between ethnic background, economic status, disease and geographic location for the immigrant and Indigenous populations of New South Wales.

“I will use existing demographic data and Global Positioning Systems (GPS) field surveys with Global Information Systems (GIS) technology to undertake my research. The project will identify patterns between these areas as they exist and provide comparisons,” Stesha said.

Stesha believes the gap in the health status between ethnic groups must be closed in the interest of improving public health across demographic lines.

“Using GIS allows for analysis of health related concerns as correlated to location, instead of typical tables, graphs and charts, and offers a way to understand where disease has its greatest impact, thus providing a basis for focusing improved healthcare or policy making.”

When Stesha returns from her Fulbright in Australia she will complete her Doctor of Medicine (MD) degree at Stanford University School of Medicine.

Abigail Sebaly, Fulbright Postgraduate Scholar

“In these times of global economic and political instability, artists need policy-level advocates to develop ongoing outlets for their creative work. Receiving a Fulbright has deepened my sense of duty to support artists and to make similar opportunities and exchanges available to them.”

Abigail Sebaly, from the University of Michigan, Ann Arbor, arrived in Australia in July 2008 for twelve months to study dance choreography at the Victorian College of the Arts School of Dance and Centre for Ideas, and to participate in a professional mentorship with Kristy Edmunds, 2005-08 Artistic Director of the Melbourne International Arts Festival.

Abigail said that the impetus to spend a year in Melbourne came while she was working in New York as the Director of Special Projects for the Merce Cunningham Dance Company, which was featured in the 2007 Melbourne International Arts Festival.

“After several visits to Australia, I felt a sense of urgency to return for a longer period, both to work further with esteemed arts curator/presenter Kristy Edmunds and to study at the Victorian College of the Arts (VCA).”

“My project includes time to do my own work in the dance studio and to study the managerial/advocacy side of arts presentation, because keeping my own artistic practice alive is integral to understanding other artists’ needs.”

Abigail said that the meaningful connections that she has made with people in the Melbourne dance community, at the VCA, and through the Melbourne International Arts Festival, will provide a valuable foundation for her future work in the international arts field.

As part of her studies Abigail is choreographing a piece for a swimming pool environment, using athletes as the performers.

“Given the popularity of aquatic sports in Melbourne, I hope that the project will inspire people outside of the traditional performing arts demographic to attend the show.”

“As part of my first day’s research, I went to observe a surf lifesaving club’s practice session at Port Phillip Bay. Sitting on the beach in the early evening, watching people paddle in and out of the sea, I was overwhelmed by the singularly Australianness of the moment and how I had arrived at it.”



Professor Jennifer D. Keene



William Odom

Professor Jennifer D. Keene, Fulbright Senior Scholar

“For colonised and subjugated peoples throughout the world, the crucible of the First World War gave birth to new political identities that dramatically reshaped the post-war world. The war became a pivotal moment when national identities formed, modern political agendas took shape, and political independence suddenly seemed possible.”

Professor Keene from Chapman University, Orange, California is undertaking research at the Australian Defence Force Academy looking at the experiences of soldiers from the British and French Empires during World War I. In particular, she is looking at the ways in which their political identities changed as a result of the war.

Jennifer said that she was drawn to come to Australia for her Fulbright because the experiences of Australian soldiers are an integral part of her project and there are wonderful archival materials at the Australian War Memorial. The active scholarly community in Australia that is interested in the long-term effects of World War I was another attraction.

“My study will help place the national Australian experience in a global context, helping to connect the history of Australia to the history of the world.”

“World War I is an under-appreciated conflict within the United States, and by including African Americans as a “subjugated population” within this study, my project will help Americans appreciate the global significance of the war. There is a lot of debate among scholars about how to write a global history of the World War - my project is one attempt to tell that story”.

While in Australia, Jennifer aims to complete her research on Australian troops, to give seminars on her research, and to make strong contacts within the scholarly community that will help build long-term professional relationships.

She said that a highlight of her time in Australia so far is the interest here in World War I.

“With exhibits in Canberra and films on television - there is a noticeable difference from the U.S.”

William Odom, Fulbright Postgraduate Scholar

“The necessity to transform the current unsustainable ways we live and act in the world to more sustainable ways of being is of great importance — it is a pressing universal problem existing across social and cultural boundaries around the globe.”

William Odom is based at Griffith University in Brisbane, investigating the role that digital interactive and informational tools can play in bringing about changes in urban sustainability practices.

One key area of this research is urban farming. For this project, William developed a series of design principles to guide the implementation of an information system. This system manages the transfer of restaurant food waste to local urban farms to be used for compost.

Another key area of William’s research is exploring ways to extend the life of technology such as computers or mobile phones. These items come with the expectation of a short usage lifetime, despite the potential for a much longer functional lifetime, William said.

“The wide-ranging effects of the current global rate of accelerated consumption and disposal of electronics results in, among other things, a substantial contribution of toxic materials to the global waste stream and exposure of disposal workers to chemicals known to produce health hazards,” he said.

This project will contribute to a new theoretical framework aimed at reducing the current rate of consumption and disposal of digital technologies.

Initial results from the empirical portion of his study will, in part, help frame the course content of a new tangible computing class at the University of Queensland, in which he will be mentoring students during the autumn semester.

Through class projects, interactive prototypes of common digital devices will be redesigned to further explore what it means to create more durable technology and speculate about the effectiveness of these early approaches.

William anticipates that many outcomes from this course will be exemplars of a progressive, more environmentally sustainable approach to designing information technology products.





Professor Andrew Storfer



Gabriel Rabin

Professor Andrew Storfer, Fulbright Senior Scholar

“Tasmanian devils and tree frog species are important components of Australia’s biodiversity and both are threatened with emerging infectious diseases. The goal of my Fulbright research is to contribute to the conservation of these distinctive creatures.”

Professor Storfer from Washington State University has split his Fulbright research between James Cook University in Townsville and the University of Tasmania in Hobart.

Andrew specialises in population and landscape genetics and how the spatial distribution of genetic diversity can be influenced by emerging infectious diseases. To this end, he is currently working on two projects.

The first involves investigating the recovery of tree frog species following an epidemic caused by an emerging fungal pathogen in the tablelands of North Queensland.

“Although the fungal pathogen is causing declines and extinctions of frog populations globally, Australia represents one of the best documented cases of an epidemic caused by this pathogen,” Andrew said.

“Hopefully what we learn here about declines and recoveries of Australian frogs can give us insight into the course of disease outbreaks in other areas of the globe.”

The second project involves understanding the spread of Tasmanian facial tumour disease by modelling the effects of landscape features on devil movements.

Caused by an infectious cancer, there is currently no known cure for this disease. Andrew hopes that understanding the genetic diversity present in the devils and the tumour may elucidate mechanisms of spread and possibly an understanding of disease resistance.

Andrew was originally drawn to Australia because of the diversity and uniqueness of its fauna. A highlight of Andrew’s time in Australia thus far has been seeing the duck-billed platypus. “It’s one of the most bizarre creatures on the planet,” he mused.

Gabriel Rabin, Fulbright Postgraduate (U.S. Alumni) Scholar

“Philosophers study modality – what is possible and impossible. The primary method for learning about modality involves inferring from conceivability to possibility. However the reliability of this method has recently come into question.”

Gabriel Rabin from the University of California, Los Angeles (UCLA), is in Australia at the ANU Research School of Social Sciences (RSSS) Philosophy Program, researching a field of philosophy known as modality. He is looking at how people learn about what is possible and impossible, and how these issues connect to the study of consciousness.

“One of the main methods for learning about modality involves conceiving or imagining counterfactual situations. For example, one can imagine flying pigs. Therefore, flying pigs are possible. However, one cannot imagine that $2+2=5$. Therefore, it is not possible to imagine that $2+2=5$. Philosophers frequently appeal to this type of reasoning. These types of inferences are called conceivability-possibility inferences.”

“In general, the conceivability of a situation is a good indicator of its possibility. But the inference from conceivability to possibility is not foolproof,” Gabriel said.

Gabriel said that the ANU RSSS Philosophy Program and the affiliated Centre for Consciousness are the best places in the world to study these topics.

“I think that the study of consciousness is one of the great challenges of contemporary science. From the standpoint of the development of science, it behooves us, as a global community, to try to bring all types and styles of thought to bear on the issue. Psychologists, neuroscientists, philosophers and others all have something to offer.”

Gabriel aims to spend his time in Australia learning more about the topic and achieving some new insights. He also wants to get some work done towards his dissertation and make long-lasting personal and professional connections.

He says that since he arrived in Australia, he has had some interesting experiences. “Being totally confused about what a ‘newsagency’ is, for example. However, the sunset on my first evening in Canberra was out of this world, and the people are very friendly and social.”

Fulbright ANU Distinguished Chair – Professor James Lengle

“Understanding what motivates voters gives us a clearer picture of whether voters and the political elite are taking their responsibilities seriously and, consequently, of how well democracy is functioning in a country.”



Professor James Lengle

The Fulbright Australian National University (ANU) Distinguished Chair in American Political Science was established in collaboration with ANU, the Fulbright Commission and the U.S. Department of State in 2005.

The Scholarship brings a noted U.S. scholar in political science to Australia each year to undertake research, build collaborative links and share their knowledge through a range of speaking events around Australia. The intention is to increase awareness of the study of American politics and government in Australia, and promote collaborative and comparative research in political science between the two countries.

James Lengle, an Associate Professor in the Department of Government at Georgetown University, Washington, DC was the 2008 Distinguished Chair.

Professor Lengle, a noted U.S. political commentator, joined ANU for five months from August to December 2008. His research focused on the effects of economic conditions on presidential election outcomes.

“I divided economic voting into two types: a public interest model, where voters base their decisions on national economic conditions and a self-interest model, where voters base their decisions on their own economic standing. The central questions I am addressing are whether economic conditions matter to voter choice and, and if so, whether the common good or individual self-interest matters more,” Professor Lengle said.

“I chose Australia because I wanted to be located in a mature democracy with an advanced economy. Such a setting provided two advantages. First, I benefited from a cadre of Australian academics with similar interests. Second, I could easily add a comparative component by testing my hypotheses against Australian electoral experience.”

James said elections are the heart of democracy as they inject popular sovereignty, responsibility and accountability into the political system.

“Comparing motivations across time and countries allows for a fuller understanding of the complexities of the process and

of unique circumstances that shape it. And a deeper understanding of the actual dynamics of the process allows for perfecting democracy through the development of reforms based on experience not conjecture.”

His research showed that economic performance under second-term presidents was no better than first-term presidents, and that the economy did better under united governments (where the House, Senate, and Presidency are controlled by one political party) than under a divided government (where control of the three policy-making institutions is split between the parties).

He also found a statistically significant relationship between economic conditions and presidential election outcomes which predicted a sizable victory for Senator Obama in November.

James has talked with a number of Australian academics about the possibilities of collaboration to continue the research. Equally as important, he values the contacts he has developed with academics and former Fulbright Scholars throughout Australia for mutually-beneficial contact in the future.

The inaugural Fulbright ANU Distinguished Chair was Professor Kenneth Mayer, from the University of Wisconsin, Madison. Dr Patricia Sykes, an Associate Professor in the Department of Government at American University, Washington, DC was the 2007/08 Fulbright ANU Distinguished Chair.

Fulbright Presentation Dinner



Ambassador McCallum



2008 Australian Scholars with U.S. Ambassador to Australia Mr Robert McCallum, Jr. (center)

The Presentation Dinner, the first to be held in Western Australia, was hosted by the University of Western Australia at Winthrop Hall, on 13 March 2008.

The 2008 Scholars were announced by the Australian-American Fulbright Commission Executive Director, Mr Mark Darby. In presenting the Scholars Mr Darby said the successful Scholars truly demonstrated the breadth and diversity in research amongst Australia's brightest.

The Scholars were presented to and congratulated by: the Honorary Co-Chair of the Fulbright Commission, Ambassador McCallum; the Western Australian Minister for Education and Training, the Hon Mark McGowan MLA; and National President of the Australian Fulbright Alumni Association, Dr Tony Worby.

In congratulating the Scholars, Ambassador McCallum spoke about the importance of the Fulbright Program as a premier exchange program.

"The importance of this Program in Australia to the United States cannot, to my view, be overstated because it provides a certain texture and strength to the fabric of good relations that have existed for so many years between our two countries."

"The studying abroad, the exchange of ideas, the exchange of information, the familiarity with which that breeds, is something that has enriched both our nations over that extended period of time," said Ambassador McCallum.

The Western Australian Minister for Education and Training, the Hon Mark McGowan MLA, used the occasion to announce the WA Government's support of the Fulbright WA Scholarship and the importance of Western Australia's relationship with the U.S.

"We have a long history of a relationship with the United States, that has many exciting parts to its history but it was very much cemented in the worst days, the darkest days, of the Second World War, back at the end of 1941...the relationship has continued since that point in time and we have always valued that relationship – it has always been something that is deep and abiding and we value very much in Western Australia and would like to see that continue," said Minister McGowan.

"Events like tonight are part of making sure that the deep relationship continues. A further part in making sure it continues is the new endowment fund for the Fulbright WA Scholarship. The fund is being contributed to not just by sponsors but it is also being contributed to by a \$500,000 donation from the West Australian State Government. We are very proud and pleased to be a part of it."



WA Scholars Abul Hashem, Clyde McGill, the Hon Mark McGowan MLA, Ambassador Robert McCallum, Anthony Robinson and Brenda Cherednichenko



Defying Gravity leads guests into Winthrop Hall, UWA

The 2008 Fulbright Symposium



Minister for Health and Ageing, the Hon. Nicola Roxon MP gives the keynote speech - Photo: Courtesy of @PRODUCTION



Symposium speakers Carmen Lawrence, Peter Mares, Michael Marmot, David Satcher, Pat Anderson and David Korten

Flinders University and the Cooperative Research Centre for Aboriginal Health jointly hosted the 2008 Fulbright Symposium, *Healthy People, Prosperous Country*. It was held at the National Wine Centre in Adelaide on 10-11 July 2008.

The Symposium addressed the issue of how different sectors of society can work together to improve the health and wellbeing of all members of the community, especially for Indigenous communities.

About 220 people attended the Symposium, coming from a wide range of fields to work together on the issues. Participants included policy makers, academics, community members and professional health experts, who came from the United Kingdom and the United States as well as Australia.

Minister for Health and Ageing, the Hon. Nicola Roxon MP gave the opening address, reaffirming the Government's commitment to addressing Indigenous health issues by announcing the formation of a National Indigenous Health Equality Council that will focus on improving Indigenous health.

Key Symposium speakers included: Professor Sir Michael Marmot, Director, International Institute for Society and Health and MRC Research Professor of Epidemiology and Public Health, University College London; Dr David Korten, from People Centred Development Forum in the U.S; Professor Sue Richardson from the National Institute for Labour Studies,

Fulbright Symposium

The aim of the annual Fulbright Symposium, sponsored by the Australian-American Fulbright Commission, is to publicly demonstrate the Commission's mission of "promoting mutual understanding between the peoples of the United States and Australia through educational and cultural exchange".

Topics are of bi-national interest between Australia and the United States and engage leading speakers from both countries.

Hosting rights for the annual symposium are awarded by the Australian-American Fulbright Commission following a national competition. Applications to host the 2010 Symposium close on 31 July 2009.

Flinders University; Professor Dennis Foley, University of Newcastle; Dr Carmen Lawrence, Professorial Fellow, University of Western Australia and former Premier of Western Australia; Professor Jennie Popay, Professor of Sociology and Public Health, Institute for Health Research, Lancaster University; and Dr David Satcher, Director, Center of Excellence on Health Disparities, Morehouse School of Medicine, Atlanta, Georgia and the 16th Surgeon General of the U.S.

The Symposium also included a panel discussion recorded live by ABC Radio National and moderated by Peter Meres on "Health, Hope & Happiness: Creating Prosperous Societies", which was broadcast in August.

The event was sponsored by the Australian-American Fulbright Commission, Flinders University, the Cooperative Research Centre for Aboriginal Health, the Federal Department of Health and Ageing and the Government of South Australia, SA Health.

Emerging Leaders' Program

One of the features of the Symposium was an emerging leaders' program, which aimed to give added inspiration and motivation to future leaders.

The twenty-three future public health leaders who took part in the program came from a range of backgrounds including early career researchers, policy makers, community workers, medicine, education, economics, transport, environment, community development and social work.

The National Centre for Epidemiology and Population Health (NCEPH) at the Australian National University has conducted follow-up interviews with the participants from the Emerging Leaders Program about the significance of social factors as the underlying determinants of community health and wellbeing. The findings of this study will be reported to the Federal Department of Health and Ageing.



Fulbright CSIRO Scholarship



The Fulbright CSIRO Scholarship was established in June 2008, through a partnership between the Australian-American Fulbright Commission and the CSIRO National Research Flagships program.

The \$A34,000 Scholarship supports an American citizen to undertake 8-12 months postgraduate research related to their American PhD at CSIRO in Australia.

CSIRO is Australia's leading and largest science research organisation with more than

6,000 staff working on outcome focused scientific research to benefit industries, communities and the environment. The U.S. has long been CSIRO's most important international partner.

The winner of the Scholarship will join Australia's most ambitious scientific research program, the CSIRO National Research Flagships. The Flagships focus on addressing major challenges and opportunities through long-term, multidisciplinary collaborative research leading to widespread adoption of outcomes.

There are nine National Research Flagships in the following areas that are open to Fulbright applicants:

- » Climate Adaptation
- » Energy Transformed
- » Food Futures
- » Light Metals
- » Minerals Down Under
- » Future Manufacturing
- » Preventative Health
- » Water for a Healthy Country
- » Wealth from Oceans

The winner of the 2009 Scholarship is expected to arrive in Australia between 1 July 2009 and 30 June 2010.

Fulbright State Scholarships

Victoria joined Tasmania, Queensland and Western Australia by establishing a state sponsored Scholarship in 2008. The Fulbright Victoria Scholarship was announced by the Victorian Minister for Skills and Workplace Participation, the Hon. Jacinta Allan MP, in April.

At a reception hosted by the University of Melbourne, Minister Allan announced that the Victorian Government would provide \$272,500 towards the cost of establishing the scholarship. The figure is being matched by Victoria's universities.

The Chair of the Victorian universities Vice-Chancellor's Committee, Professor Ian Young, Vice-Chancellor of Swinburne University, welcomed the Victorian Government's major contribution to the scholarship.

The Victoria Scholarship will give Scholars the opportunity to undertake research in the U.S. on projects beneficial to their state.

Fulbright State Scholars for 2008 include:

- » **Fulbright Queensland Scholar**
The inaugural Fulbright Queensland Scholar, Sharon Bonython-Ericson will conduct PhD research at Northeastern University, Boston on indigenous health comparisons between Far North Queensland and North America.

The Fulbright Queensland Scholarship was established in 2007 through the support of the Queensland Government and all the Queensland based universities.

- » **Fulbright Western Australia Scholar** Anthony Robinson, the inaugural Fulbright Western Australia Scholar, is undertaking research at

the University of California, Davis on understanding the environmental influences that drive flavour formation in grapes.

The Fulbright Western Australia Scholarship is supported through a fund established by donations from the Western Australian Government, WA based universities, companies, foundations and individuals.

- » **Fulbright Tasmania Scholar**
Keith Pembleton is the second Fulbright Tasmania Scholar and he is undertaking research at Purdue University in Indiana seeking to improve the drought tolerance of lucerne as a dairy crop.

The Fulbright Tasmania Scholarship is sponsored by the Tasmanian Government and the University of Tasmania.

Alumni events and achievements



Tour of U.C. Davis Arboretum.



Dr Lincoln Turner – Photo: Steve Morton, Monash

Alumni Initiative Grant winners

Professor Grant Garven, from Tufts University, Boston; Professor Sharon McKinley, from University of Technology, Sydney; and Dr Lincoln Turner, from Monash University, Melbourne were the 2008 winners of the Alumni Initiative Grant.

Professor Grant Garven

Professor Garven (U.S. Senior Scholar, 1998) used his grant in August to travel from Tufts University (near Boston, Massachusetts) to the University of Tasmania's ARC Centre of Excellence in Ore Deposits (CODES), to initiate a collaborative study at the Centre with Professor Ross Large on the geohydrology of gold mineralisation in the Bendigo-Ballarat area of Victoria. An expert on deep groundwater flow in the Earth's crust, Grant develops mathematical models that simulate the processes of subsurface fluid flow with heat transport and chemical reactions.

Professor Sharon McKinley

Professor McKinley (Australian Senior Scholar, 1998), Professor of Critical Care Nursing in the Faculty of Nursing, Midwifery and Health at the University of Technology, Sydney, used her grant to return to the University of California, San Francisco (UCSF) in January 2009. Professor McKinley's project is looking at strategies to promote early presentation for treatment of heart attacks and she will use

these to prepare a proposal to the National Institutes of Health for an international multi-centre clinical trial that includes study sites in the U.S. and Australia.

Dr Lincoln Turner

Dr Turner (Australian Postdoctoral Scholar, 2005) will use his grant to travel to Washington, DC in April and May 2009 to work with Professor Chris Lobb of the University of Maryland and Dr Trey Porto of the National Institute of Standards and Technology (NIST). The trip will enable the three researchers to develop collaborative work on magnetic microscopes. Lincoln says that the assistance of his U.S. collaborators is vital. Professor Lobb is a world expert on scanning magnetic microscopy, and Dr Porto is similarly expert on the interaction of light and cold atoms. "You couldn't find two collaborators better suited to the project," Lincoln said.

U.S. events

The Australian-American Fulbright Commission teamed up with Australian Education International to hold a series of presentations, seminars, tours and dinners across the U.S. in October for Fulbright Scholars, Alumni, and faculty members and students at the University of California, Davis, and Purdue University.

UC Davis, located near Sacramento, is one of the top ranked public universities in the United States and hosted the 2008 Fulbright Western Australia

Scholar, Tony Robinson, who is studying viticulture and oenology.

The Fulbright Commission's Executive Director, Mark Darby, and Australian Education International Education Counsellor, John Hayton, met with the UC Davis Chancellor, Larry Vanderhoef, and gave presentations to faculty and students. Highlights of the UC Davis weekend were the tours of the Robert Mondavi Institute for Wine and Food Science, the UC Davis Arboretum, and the Robert and Margrit Mondavi Center for the Performing Arts.

The Australian Scholars were also welcomed on the East Coast at a reception in New York City hosted by the Australian Consul General, the Hon. John Olsen AO and Mrs Julie Olsen, and at a dinner in Washington, DC with Mrs Harriet Fulbright and the Deputy Chief of Mission, Australian Embassy, David Stuart.

The U.S. events wound up in Indiana at Purdue University, which is one of the big ten universities in the Midwest.

The program involved a luncheon with staff, hosted by the Provost, Dr Randy Woodson; presentations to faculty and students; a seminar with Scholars and Alumni; and a dinner with guest speaker Elizabeth Schick, Australian Consul General to Chicago. Scholars and Alumni were also treated to a personal tour of the Purdue Discovery Park, a unique facility on campus that seeks to bring together multidisciplinary research and commercialisation.



Alumni Achievements

Professor Coaldrake to Chair Universities Australia

Professor Peter Coaldrake (Postdoctoral Scholar, 1980; Senior Scholar, Political Science, 2001), Vice-Chancellor Queensland University of Technology (QUT) has been elected Chair of Universities Australia from May 2009. Professor Coaldrake held the position of Universities Australia's Deputy Chair during 2008. He was previously Chair of the Australian-American Fulbright Commission Board.

International award for Fulbright Alumnus

Laureate Professor Graham Goodwin (Senior Scholar, 1978), who currently leads the University of Newcastle's Australian Research Council Centre for Excellence and Priority Research Centre for Complex Dynamic Systems and Control, received the prestigious Quazza Medal in July 2008. The Quazza Medal is presented triennially by the International Federation of Automatic Control. Professor Goodwin is an expert in control and automation of complex systems and is recognised as one of the world's top 100 engineers.

Fulbright Alumnus re-elected President, World Archaeological Congress

Professor Claire Smith (Postdoctoral Scholar, 1999) has been re-elected as President of the World Archaeological Congress. This will be her second term. Professor Smith is an Associate Professor with Flinders University.

Young Professional Engineering Award

Dr Bradley Ferguson (Fulbright Postgraduate Scholar, 2001) won the 2008 South Australian Young Professional Engineer award. The award is part of the South Australian Engineering Excellence Awards, presented annually to individual South Australian engineers for outstanding achievement by Engineers Australia.

Bradley is the Technical Lead on the Air Warfare Destroyer project with Raytheon Australia Pty Ltd.

President, University of Wollongong in Dubai

A leading Australian bushfire ecologist, Professor Rob Whelan (Fulbright Senior Scholar, 1988), took up the position of President of the University of Wollongong in Dubai on 31 August. Professor Whelan was previously Dean of the Faculty of Science at the University of Wollongong.

Alumni involved in the 2020 Summit

Fulbright Alumni were very well represented at the recent 2020 Summit in Canberra with at least 16 participants invited. Their involvement in a wide range of streams, including security and prosperity, is indicative of the diversity of professional fields in which Fulbright Scholars are recognised.

Fulbright Alumni involved included: Professor John Braithwaite, Father Frank Brennan, Professor Bruce Chapman, Professor Hilary Charlesworth, Dr Kylie Cripps, Eileen Doyle, Professor Allan Fels AO, Professor Joshua Samuel Gans, The Hon. Nick Greiner AC, Dr Ian Harper, Eliza Matthews, Professor Barry McGaw, Amelia Simpson, Professor Peter Shergold AC, Peter Francis Waters and Dr Fiona Quality Wood.

Fulbright Alumni among Honours lists

A number of Fulbright Alumni were among those named in the Australia Day and Queen's Birthday Honours lists in 2008.

Australia Day Honours

Professor Michael Archer (UNSW), Brother Barry James Buckley and Dr Dan Maxwell Etherington were appointed Members of the Order of Australia (AM).

Queen's Birthday Honours

Professor James Bishop (Cancer Institute NSW), Professor Michael Francis Good (Royal Brisbane Hospital), Professor John Ralston (Uni SA) and Professor Ian Hugh Sloan (UNSW) were made Officers of the Order of Australia (AO).

Professor Dennis Altman (La Trobe Uni), Professor Louis Birch, Emeritus Professor David Doddrell (Uni Qld), Emeritus Professor Richard Fox (Monash Uni), Associate Professor Jack Hansky and Professor Patrick O'Keefe were appointed Members of the Order of Australia (AM).

Association awards

The Alumni Association recognised the contribution that Mark Darby had made to Fulbright with a special award, the AFAA Service Award, Lifetime "Friend of Fulbright". Mark Darby was Executive Director of the Australian-American Fulbright Commission from March 2000 until December 2008.

Financial Review

Finance Report

The summarised Financial Statements are extracted from the Commission's complete Financial Statements, for which RSM Bird Cameron gave an unqualified audit report. A complete set of the Audited Financial Statements are available upon request.

The financial report is a special purpose financial report prepared to satisfy the financial report preparation requirements of the Manual for Binational Commissions and Foundations and the applicable Australian Accounting Standards and Australian Accounting Interpretations.

There have been no events since the balance sheet date which would require revision of the amounts included in the financial statements. In particular, we have no plans or intentions that may materially affect the carrying value or classification of assets and liabilities.

Overview

For the year ending 31 December 2008, the Commission reported a surplus due to the substantial increase in donations, including donations received for the new Victoria, New South Wales and South Australia State Scholarships. The Fulbright funds are invested so that the earnings can be used to support the Coral Sea Fulbright Professional Scholarship, the Australian Alumni (WG Walker) Scholarship, the US Alumni Scholarship, the Fulbright Queensland, Western Australia and Victoria State Scholarships. From 2010, the Fulbright New South Wales and South Australia Scholarships will also be supported by these invested funds.

The investments are shown at a fair market value and 2008 saw a fall in value due to the downturn in the global financial markets. The board and management are working with Genesys Wealth Advisers to manage the investments through this turbulent period and to rebuild the value of the Commission's portfolio, making adjustments to ensure that the Commission's expenditures meet the needs of all its stakeholders.

The Commission receives annually over A\$1m of in-kind support, from U.S. and Australian universities, the Australian and U.S. governments, organisations and individuals, which is not recognised in this finance report.



Financial Statements

Income Statement for year ended 31 December 2008

	2008	2007
	\$	\$
Funding for ordinary activities		
Australian Government	820 000	802 000
United States Government	903 333	1 008 153
Scholarship sponsorships	276 222	262 304
Donations	1 593 299	1 333 009
Total funding	3 592 854	3 405 466
Other revenue		
Income from investments	221 259	175 097
Interest earned	40 031	24 865
Other income	8 562	68 833
Total other revenue	269 852	268 795
Total revenue	3 862 706	3 674 261
Expenses		
Program expenses	1 366 869	1 532 990
Non-program expenses	247 552	237 542
Administration	580 621	530 822
Investment fees	42 892	29 330
Foreign exchange losses	0	29 570
Unrealised decline in investment value	915 583	55 761
Total expenses	3 153 517	2 416 015
Operating surplus	709 189	1 258 246
Accumulated fund previous year	2 323 978	1 034 243
Transfer (to) from reserves	(18 482)	31 489
Balance for year taken to accumulated fund	3 014 685	2 323 978

Balance Sheet as at 31 December 2008

	2008	2007
	\$	\$
Assets		
Cash	1 685 279	510 136
Receivables	26 077	30 360
Other Current assets	23 133	27 927
	1 734 489	568 423
Investments held at market value	2 957 576	2 806 614
Total assets	4 692 065	3 375 037
Liabilities		
Provisions	72 807	68 826
Creditors	449 847	48 092
Unpaid program costs	765 392	563 289
Total liabilities	1 288 046	680 207
Net assets	3 404 019	2 694 830
Equity		
Reserves	389 334	370 852
Accumulated funds	3 014 685	2 323 978
Total Equity	3 404 019	2 694 830

Sponsors and supporters

The Australian and United States governments provide the core funding for the Australian Fulbright Program. This funding is complemented by the generous support of a select group of companies, organisations, individuals and government agencies.

These partnerships support more scholarships and also develop a wider Fulbright network committed to excellence and international exchange.

CORPORATE

[BHP Billiton](#) is the world's largest diversified resources company. The Fulbright BHP Billiton Scholarship in Engineering and Science was established in 2000.

[Telstra](#) is Australia's leading telecommunications and information services company. The Fulbright Telstra Postgraduate Scholarship in Technology & Communications was initiated in 2005 to support innovation in technology and communications.

UNIVERSITIES

[The Australian National University \(ANU\)](#) assisted in supporting the establishment of the Fulbright ANU Distinguished Chair in American Political Science which commenced in 2006.

GOVERNMENT

[The Department of Education, Employment and Workplace Relations](#), sponsored the 2008 Professional Scholar in Vocational Education and Training.

[The Department of Education, Employment and Workplace Relations](#), sponsored the 2008 Fulbright Indigenous Scholarship.

[The Department of Foreign Affairs and Trade](#) established the Fulbright Professional Scholarship in Australia-United States Alliance Studies in 2001 to recognise the 50th Anniversary of the ANZUS Treaty.

[A new Fulbright CSIRO Postgraduate Scholarship](#) provides the opportunity for an American citizen to undertake 8-12 months postgraduate research with Australia's leading and largest science research organisation, CSIRO, from 2009.

FULBRIGHT STATE SCHOLARSHIPS

[Fulbright Queensland Scholarship](#)
The Fulbright Queensland Scholarship was established in 2007 by contributions from the Queensland Government and the eight Queensland universities.

[Fulbright Tasmania Scholarship](#)
The Fulbright Tasmania Scholarship co-sponsored by the Tasmanian Government and the University of Tasmania, was established in 2006.

[Fulbright Victoria Scholarship](#)
The Fulbright Victoria Scholarship was established in 2008 by contributions from the Victorian Government and eight Victorian universities.

[Fulbright Western Australia Scholarship](#)
The Fulbright Western Australia Scholarship was established by the WA government, WA based universities and companies, individuals and foundations.

FULBRIGHT ALUMNI SCHOLARSHIPS

[The Australian Alumni \(WG Walker\) Scholarship](#) was established in 1993 through generous contributions from Australian Fulbright Alumni to annually support a scholarship for the highest ranked Australian Fulbright Postgraduate.

[The U.S. Alumni Scholarship](#) was established in 2006 through generous contributions from U.S. Fulbright Alumni to annually support a scholarship for the highest ranked American Fulbright Postgraduate.

ADDITIONAL FULBRIGHT SCHOLARSHIPS/ FOUNDATIONS

[The Coral Sea Scholarship](#) was established by the U.S. Ambassador, Mel Sembler, and U.S. companies in 1992 in recognition of the 50th anniversary of the Battle of the Coral Sea, to support a Fulbright Professional Scholarship focusing on a business/industry issue of relevance to Australia and the United States.

[Fulbright Gregory Schwartz Enrichment Grants](#) were established in 2006 by Claire and Steven Schwartz, in memory of their son Gregory Schwartz, to assist Australian Fulbright Postgraduate Scholars to enrich their experience in the U.S.

[Anthony Joseph Pratt and the Pratt Foundation](#) have supported the Fulbright Postgraduate Scholarship in the Visual and Performing Arts since 1996, providing the opportunity for Australian artists and musicians to study in unique institutions throughout the United States.

SUPPORTERS

We also wish to thank the following for their ongoing support:

[Australian and American universities](#) for hosting the Scholars.

[Our donors](#), individuals and companies, whose generous donations help more talented Australian and Americans to have access to a unique Fulbright experience.

[Lonely Planet](#) for generously supplying the Scholars with Australian and U.S. guide books.





Australian Government



Sponsors

Anthony Joseph Pratt

Donors

Supporters



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