

2013

Fulbright and Anne Wexler  
Australian Scholars





J. William Fulbright was dedicated to peace and the scholarships that bear his name are a testament to his belief in the power of education in bringing about a better world. Fulbright believed that mutual understanding provides much greater security than weapons ever could.

With this in mind I am proud to welcome, and present, the 2013 Fulbright and Anne Wexler Australian Scholars on behalf of the Australian-American Fulbright Commission Board.

These 27 outstanding individuals have been selected from a competitive field of applicants. Through their Scholarships they will - again in Fulbright's words - have the opportunity to "think unthinkable thoughts" as they undertake research in a range of fields including education, music, science, social justice and law.

I congratulate them and wish them well in all their endeavours.

The Fulbright Program is funded by the U.S. and Australian governments and a generous group of sponsors including DSTO, the Origin Foundation, the Australian Scholarships Foundation, CSIRO, ANSTO, Blackboard Australia, Australian state governments and universities.

This year we are pleased to announce the inaugural winners of the Professional Scholarship in Non-Profit Leadership, sponsored by the Origin Foundation and supported by the Australian Scholarships Foundation.

We are also delighted to welcome Kansas State University on board as a sponsor for two fantastic scholarships for Australians in 2014.

I thank all the Program's supporters for their contributions, which help us to build and extend this wonderful program.

**Professor Steven Schwartz**

Chair, Australian-American Fulbright Commission Board



## Congratulations!

On behalf of the Australian-American Fulbright Commission, it is my great pleasure to warmly congratulate the twenty-seven 2013 Fulbright and Anne Wexler Australian Scholars.

The Scholar booklet showcases the breadth of disciplines represented which is underpinned by the exceptional talent of each Scholar. As they set out to achieve their individual goals, there is no doubt they will explore unimaginable possibilities and build collaboration through extensive professional networks which the Fulbright Program offers.

The Fulbright experience plays a pivotal role in promoting and advancing innovations and offers Scholars the opportunity to broaden their global vision, enhance their international academic competence, and develop professional networks and friendships. On their return to Australia it is expected that the translation of their U.S. experience and knowledge will contribute to innovation and build the nexus between Australia and the U.S. at various levels.

This U.S. experience takes place because of the generous funding of the Australian and American governments, sponsorship bodies, and engagement with leading-edge mentors. We greatly value their contribution and appreciate the support from all our supporters.

I wish the 2013 Fulbright and Anne Wexler Australian Scholars all success in the U.S.

A handwritten signature in blue ink that reads "Tangerine Holt".

**Dr Tangerine Holt**  
Executive Director  
Australian-American Fulbright  
Commission

# SPONSORS AND PARTNERS

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

## UNIVERSITIES

The Distinguished Chair in American Political Science will be hosted by Flinders University in Adelaide until 2015. It allows key U.S. researchers to undertake a 4-5 month program in Australia.

The Fulbright ANU College of Business and Economics Postgraduate Scholarship provides the opportunity for American graduates in the fields of business or economics to undertake 8-12 months postgraduate research with the College.

## GOVERNMENT

The Fulbright Climate Change and Clean Energy Scholarship was established by the Prime Minister of Australia, the Hon. Julia Gillard, and U.S. Secretary of State, Hillary Clinton, in November 2010 to increase bi-national collaboration addressing climate change.

The Professional Scholarship in Vocational Education and Training, the Fulbright Indigenous Scholarship and the Anne Wexler Scholarships are supported by the Department of Industry, Innovation, Science, Research and Tertiary Education (DIISRTE).

The Fulbright Professional Scholarship in Australia-United States Alliance Studies was established in 2001 by the Department of Foreign Affairs and Trade (DFAT) to recognise the 50th anniversary of the ANZUS Treaty.

The Fulbright CSIRO Postgraduate Scholarship was established in 2009, to enable U.S. Scholars to undertake postgraduate research with CSIRO.

The Fulbright Scholarship in Nuclear Science and Technology, sponsored by the Australian Nuclear Science and Technology Organisation (ANSTO), is for Australian Scholars to carry out research or study in the U.S. in the field of nuclear science or technology.

## FULBRIGHT STATE AND TERRITORY SCHOLARSHIPS

Fulbright State and Territory Scholarships have been established for New South Wales, the Northern Territory, Queensland, South Australia, Tasmania, Victoria and Western Australia.

These scholarships are supported by their state and territory governments, universities and companies. Their aim is to encourage and profile research relevant to that state, and assist the building of international research links between the region and U.S. researchers and institutions.

## 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 with contributions from U.S. Fulbright Alumni to annually support a scholarship for the highest ranked American Fulbright Postgraduate.

## ADDITIONAL FULBRIGHT SCHOLARSHIPS

The Coral Sea Scholarship was established by the then 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 topic 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.

## NEW FULBRIGHT SCHOLARSHIPS FOR 2013

The Fulbright Distinguished Chair in Advanced Science and Technology is sponsored by the Defence Science and Technology Organisation (DSTO). It will bring an eminent U.S. scientist to Australia for up to five months to expand opportunities for engagement in a priority area for DSTO.

The Fulbright Professional Scholarship in Non-Profit Leadership was established through a partnership between the Origin Foundation, the Australian Scholarships Foundation (ASF), and the Commission. It will provide Australians working in the charitable Not-For Profit sector the opportunity to undertake research or professional development for three to four months in the U.S.

## SUPPORTERS

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

Australian and American universities for hosting the Scholars.

Gilbert and Tobin, for their invaluable legal advice.

Sharp for their support with office equipment.

Our donors, both individuals and companies, whose generous donations help more Australians and Americans to participate in a unique Fulbright experience.

# The Australian Fulbright Program

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 almost 300,000 talented people worldwide have been recognised as Fulbright Scholars. The Fulbright Program is now one of the largest and most prestigious educational scholarship programs in the world and operates between the United States and more than 155 countries.

The Australian-American Fulbright program was established in Australia in 1949 through a bi-national treaty. 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 1964 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 generous 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 more than 2,700 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.

## **Mission Statement**

The mission of the Australian-American Fulbright Commission is *to promote educational and cultural exchange between Australia and the United States in order to enhance mutual understanding and strengthen relations between the two countries.* This is primarily achieved through a program of Fulbright Scholarships to support research and study by Australians in the United States and by Americans in Australia.

# 2013 FULBRIGHT AND ANNE WEXLER AUSTRALIAN SCHOLARS

## Senior Scholars

Dr Christopher Elvin  
Associate Professor Robert Shellie  
Professor David Wilkinson

## Professional Scholars

Dr Tessa Boyd-Caine  
Ms Michelle Circelli  
Dr Sarah Dalton  
Dr Rod Kennett  
Associate Professor Iona Novak  
Major Clare O'Neill  
Mr A. Craig Roussac  
Mr Andrew Tyndale  
Mr Allan Young

## Postdoctoral Scholars

Dr Michelle Evans  
Dr Andrea Gordon  
Dr Danielle Moreau  
Dr Thomas Newsome  
Dr Tiago Tomaz  
Dr Daniel Viete

## Postgraduate Scholars

Mr David Gwyther  
Mr Iain Henry  
Mr Robert Mason  
Ms Roxanne Moore  
Mr Matthew D. Norris  
Mr Nicholas Rodd  
Ms Rebecca Erin Smith  
Mr David Waddington

## Anne Wexler Scholar

Ms Melanie Poole

## SENIOR SCHOLARS

### DR CHRISTOPHER ELVIN

#### **Fulbright Senior Scholar**

BAGSc (Hons I) Adelaide University; MPhil (Biochemistry) University of Cambridge; PhD (Biochemistry) University of Cambridge; Certificate III in Financial Markets - Securities Institute of Australia

**Host:** Lawrence Berkeley National Laboratory and Duke University

Dr Christopher Elvin, a Senior Principal Research Scientist with CSIRO Animal, Food and Health Sciences in Queensland, will go to the U.S. for three months to further his research in the design and synthesis of materials for the fabrication of advanced biomedical devices. He will further his work in the area of molecular biomimicry, for fabrication of new materials and devices. Applications for this technology include new spinal disc prostheses and artificial heart valves. Chris has won various awards and prizes including a CSIRO Medal for Research Achievement, a Research Innovation Award from CSIRO, an Ena Orrock Lewcock Award for Botany, Adelaide University, and the Faculty of Agricultural Science Medal, Adelaide University. His interests include photography, golf, movies, social justice and gardening.



### ASSOCIATE PROFESSOR ROBERT SHELLIE

#### **Fulbright Tasmania Scholar**

BAppSc, PhD (Chemistry), RMIT University

**Host:** Purdue University

Associate Professor Robert Shellie, ARC Australian Research Fellow with the University of Tasmania will go to the U.S. for three months to further his work in the development of an in-situ system for chemical measurement of environmental pollutants in remote locations. This could be used in locations such as Antarctica, the sub-Antarctic, and by extension industrial sites and remote communities. He has won several awards and prizes including an Australian Research Council Australian Research Fellowship; a Royal Australian Chemical Institute Robert Cattrall Medal; Australian Institute of Policy and Science Tasmanian Young Tall Poppy of the Year; and a University of Tasmania Vice Chancellor's Award for Research Excellence. He has also published extensively. His interests include music, art, and renovating.





## PROFESSOR DAVID WILKINSON

### **Fulbright Senior Scholar**

BSc (Hons), MBChB, University of Manchester; MSc Columbia University; MD, University of Natal; PhD and DSc, University of South Australia

**Host:** University of California, San Francisco

Professor David Wilkinson, Dean of Medicine with the University of Queensland, will go to U.S. for three months to look at improving the outcomes of medical education in Australia through global benchmarking. His project will build deep institutional partnerships between key Australian medical schools, leading US medical schools, and the US National Board of Medical Examiners (NBME). His awards and prizes include a National Senior Teaching Fellowship from the Office of Learning and Teaching, Australian Federal Government and membership of the Royal College of Physicians of London for 'exceptionally distinguished service to medicine' in 2001. He has also held several key academic posts and he has published extensively. His interests include a wide range of sports, but especially golf.





## PROFESSIONAL SCHOLARS

### DR TESSA BOYD-CAINE

**Fulbright Professional Scholar in Non-Profit Leadership, sponsored by the Origin Foundation and supported by the Australian Scholarships Foundation**

BA, University of Sydney; MCrim, University of Sydney Law School; PhD, London School of Economics

**Hosts:** Foundation Center; National Center for Charitable Statistics

Dr Tessa Boyd-Caine, Deputy Chief Executive Officer, Australian Council of Social Service, will go to New York City and Washington DC for four months, researching issues around building transparency and accountability for non-profit organisations. She will examine the work of the Foundation Center, and its partnership with the National Centre for Charitable Statistics, to identify strategies that may be useful in Australian non-profits. She has published a book on mentally disordered offenders with Routledge and won awards and prizes including the JH McClemens Memorial Prize in Criminology and a Sociology Departmental Studentship at the London School of Economics. She has extensive experience in university and government organisations and has worked internationally for several human rights organisations prior to joining ACOSS. Her interests include health, access to justice, human rights, representative governance and accountability, and community development. She plays Ultimate Frisbee and is an avid walker.



### MS MICHELLE CIRCELLI

**Fulbright Professional Scholar in Vocational Education and Training, sponsored by DIISRTE**

BSc (Hons), Psychology, the University of Adelaide; MSocSc, Applied Social Research, the University of South Australia

**Host:** Californian Community Colleges Chancellor's Office and the Office of Vocational and Adult Education, Washington D.C.

Ms Michelle Circelli, Senior Research Officer, National Centre for Vocational Education Research in South Australia, will conduct research into measuring success of adult literacy and numeracy education programs, in the U.S. for four months. Michelle's research will shed light on how the success of a learner and a program can be measured and how this information is used for continuous improvement. She has been a joint winner of the 2003 Excellence in Policing Awards, has published widely and has built a career in research at the Australasian Centre for Policing Research and University of South Australia. Michelle is a member of reference groups for the Australian Industry Group 'Building Employer Commitment to Workplace Literacy' and Australian Bureau of Statistics Program for the International Assessment of Adult Competencies.





## DR SARAH DALTON

### **Fulbright Professional Business/Industry (Coral Sea) Scholar**

BMed and MApp Mgt (Hlth), University of Newcastle; DCH, Sydney Children's Hospital; Paediatric Emergency Medicine Fellowship from the Royal Australasian College of Physicians

**Host:** Anne Arundel Medical Centre

Dr Sarah Dalton, a Paediatric Emergency Physician at The Children's Hospital at Westmead, will investigate the delivery of Clinical Leadership Development Programs in the U.S. and look for ways to apply this knowledge to the Australian Healthcare environment. She will investigate the opportunities offered in the U.S. and ways to foster national and international collaboration in this field. She has won a Merit Award for Academic Excellence from the University of Newcastle, a NSW Government Scholarship for Rural Medicine and has been a Rotary International Youth Ambassador in New Zealand. In her spare time Sarah enjoys biking, hiking and running as a way to explore the great outdoors.



## DR ROD KENNETT

### **Fulbright Northern Territory Scholar**

BSc, Biological Sciences, Macquarie University; BSc Honours, The Australian National University (ANU); PhD, University of Queensland.

**Host:** The Nature Conservancy

Dr Rod Kennett, a Program Manager with the North Australian Indigenous Land and Sea Management Alliance at Charles Darwin University, will go to the Nature Conservancy for six months to further his research into developing new tools and strategies to support indigenous livelihoods in conservation. He will collaborate with experts in the United States to identify tools and strategies that will inform new approaches to conservation in north Australia. He has won awards and prizes including an Australian Research Council Fellowship, a Kinship Conservation Fellowship, three National Banksia Environment Awards, and was a finalist in the National Landcare Awards. His interests include bushwalking, sailing, scuba, travel, mosaics, creative writing and singing in a community choir.

## ASSOCIATE PROFESSOR IONA NOVAK

### Fulbright Professional Scholar

BAppSc (OT), The University of Sydney; MSc (Hons), PhD,  
University of Western Sydney

**Host:** University of California – San Francisco

Associate Professor Iona Novak, Head of the Cerebral Palsy Alliance Research Institute, will go to the University of California San Francisco for four months. Iona will continue her work to accelerate the rate of stem cell research aimed at finding a cure for cerebral palsy. She aims to accelerate the rate of curative research by establishing and leading an American-Australian Cerebral Palsy Stem Cell Research Consortium – Xcellerate. She has won awards and prizes including a PhD Presentation Award from UWS, and she has been an Allied Health representative on the Premier's Spinal Forum Fellowship program. Her interests include photography, painting and cooking.



## MAJOR CLARE O'NEILL

### Fulbright Professional Scholar in Australian-United States Alliance Studies, sponsored by DFAT

BEng, University of New South Wales; MA, Deakin University

**Host:** Georgetown University

Major Clare O'Neill, Chief of Army Scholar, Australian Army will go to the U.S. for four months to carry out research into how civil-military decision making can better meet human insecurity challenges during conflicts and disasters. Her research will propose developments to current military decision-making models for the execution of humanitarian action at the tactical level. The outcomes of the research will assist deployed forces to make effective and strategically relevant decisions during the response phase of operations. Major O'Neill deployed to Afghanistan in 2006 and 2008 with the Reconstruction Task Forces completing reconstruction work in the areas of health, education and civil infrastructure. Her interests include running and rowing.





## MR A. CRAIG ROUSSAC

**Fulbright Climate Change and Clean Energy Scholar, sponsored by the U.S. and Australian governments**

BComm, ANU; B.Construction Management & Economics (Hons), University of Canberra; GradDip App Finance & Investment, Financial Services Institute of Australasia

**Host:** University of California, Berkeley / Lawrence Berkeley National Laboratory

Mr A. Craig Roussac, CEO at Buildings Alive Pty Limited, and PhD candidate within the Faculty of Architecture, Design and Planning at the University of Sydney, will go to the U.S. for four months to further his research into the potential for information-based approaches to reduce energy use in commercial buildings. He has worked for Lend Lease and Investa Property Group in addition to Buildings Alive. In his time leading the sustainability and environment functions at Investa, the company achieved a 31 percent reduction in greenhouse gas emissions intensity and a 43 percent reduction in water use intensity. In 2005 he was awarded the NSW Government's 'Energy Champion' Green Globe Award and for over 12 years his career focus has been on 'greening' the built environment. His other interests include spending time with his young family, bushland regeneration and backyard construction projects.



## MR ANDREW TYNDALE

**Fulbright Professional Scholar in Non-Profit Leadership, sponsored by the Origin Foundation and supported by the Australian Scholarships Foundation**

BComm (Business Administration), Queen's University, Canada

**Host:** TBC

Mr Andrew Tyndale, Director and Founder of Grace Mutual Limited, will go to the U.S. for four months, to further his research in social investment. His focus is on mechanisms to attract wholesale capital into the infrastructure necessary to deliver social services, such as affordable housing, aged care, disability accommodation, education and health. He will research developments in the US which may be useful for Australia. He has been an investment banker for 30 years in both a competitive commercial environment, and in a not-for-profit vehicle that he founded. With his wife, Philippa, he has also had extensive involvement, over almost three decades, in the charitable sector, both in domestic welfare and international development. His interests include travel, skiing, rugby and trekking.

## MR ALLAN YOUNG

### **Fulbright Professional Scholar in Climate Change and Clean Energy, sponsored by the U.S. and Australian governments**

BA, Dip Ed, University of New South Wales (UNSW); Dip Lib University of Technology, Sydney; MS (Urban and Regional Planning), University of Sydney

**Host:** New York City Mayor's Office and Massachusetts Institute of Technology (MIT)

Mr Allan Young, Manager, Coastal and Natural Resources Policy, NSW Department of Planning and Infrastructure, will go to the U.S. for four months to work on urban planning issues around adapting to climate change. He will investigate how the shared knowledge and experience of Australia and the U.S. can be used to improve our urban planning systems and to better engage the community in coastal planning and adaptation to sea level rise. In his professional career, he has played a major role in the creation of the first Aboriginal owned and managed national park in NSW; and led the policy and planning reforms in East Timor to enable the new nation to create their first conservation reserve. He has also delivered major reforms of the planning systems and regulations pertaining to Sydney Harbour. His interests are somewhat eclectic and range from surfing and snowboarding to music, ethics and behavioural economics.



## POSTDOCTORAL SCHOLARS



### DR MICHELLE EVANS

**Fulbright Indigenous Scholar, sponsored by DIISRTE**

BComm, Charles Sturt University; Grad Dip and MCA, The University of Melbourne; and a Ph.D. in Management, Melbourne Business School;

**Host:** University of California (Davis); University of Alaska (Fairbanks); University of Hawai'i at Mānoa

Dr. Michelle Evans, Research Fellow at the Melbourne Business School, will go to the U.S. for six months to replicate her doctoral research, a pioneering study that investigated the phenomenon of Indigenous leadership in the arts. Her research will investigate whether the practices and experiences of Native American, Native Alaskan and Native Hawaiian artists and arts managers overlap with the 'territories of Indigenous arts leadership' identified in her Australian based research. Michelle won the inaugural University of Melbourne Diversity and Inclusion Award for her individual leadership and has been appointed Visiting Fellow to the University of Victoria (Canada) 2012/3. She has previously been a finalist in the Women Chiefs of Enterprise International Business Awards 2004. Her interests include Indigenous Australian contemporary art, reading and walking her two dogs, Lewis and Pearl.



### DR ANDREA GORDON

**Fulbright Postdoctoral Scholar**

BSc, PhD, (Medical Sciences), the University of Adelaide

**Host:** John Hopkins University

Dr Andrea Gordon, Research Fellow at the University of South Australia, will go to the U.S. for nine months. Through her scholarship she will further her research into treatment options using methadone and buprenorphine for pregnant women who are dependent on opioids. Andrea has conducted the only national, and one of few international, clinical trials prospectively assessing methadone and buprenorphine for dependence on illicit opioids, such as heroin, during pregnancy. She has also received several grants and scholarships and has published widely. Her interests include scuba diving (particularly cave diving), exercising (gym, netball, running, mountain biking, trail walking), reading and cooking.

## DR DANIELLE MOREAU

### Fulbright South Australia Scholar

BEng, PhD, the University of Adelaide

**Host:** Virginia Polytechnic Institute

Dr Danielle Moreau, a Postdoctoral Fellow at the University of Adelaide will go to the U.S. for three months to study airfoil noise generation to facilitate the development of quiet aircraft, wind turbines and submarines. Airfoil noise is produced when fluid flow interacts with the airfoil (wing, rotor blade or fin) surface. It is one of engineering's great challenges to understand and control the noise from airfoils and airfoil-like shapes. Danielle has won the University Doctoral Research Medal, PhD thesis commendation from the Dean of Graduate Studies and been invited to present seminars at Stanford University and the National Renewable Energy Laboratory in Colorado. Her interests include travel, reading and the arts.



## DR THOMAS NEWSOME

### Fulbright New South Wales Scholar

BSc, MSc, PhD The University of Sydney

**Host:** Oregon State University

Dr Thomas Newsome, an Honorary Research Fellow of the Desert Ecology Research Group at the University of Sydney, and Senior Ecologist at the Snowy Mountains Engineering Corporation, will go to the U.S. for twelve months to study a program which involves the reintroduction of wolves into Yellowstone National Park. Bringing together experts in the U.S. and Australia, Thomas' focus will be on whether there would be benefits for Australia in using similar measures with dingoes in areas where they have become locally extinct. Thomas has received several grants and has published his doctoral research. His awards include: Awards Australia - Finalist – Northern Territory Young Achiever, combined Australian Postgraduate Award and Invasive Animals Cooperative Research Centre PhD scholarship. He was selected for the pioneering Desert Knowledge Australia two-year cross-cultural leadership program for emerging leaders in Central Australia. His interests include rowing, mountain biking and golf.





## DR TIAGO TOMAZ

### Fulbright Western Australia Scholar

BSc, PhD, (Biological Sciences), University of Western Australia (UWA)

**Host:** University of Illinois

Dr Tiago Tomaz, a recent PhD graduate from UWA will go to the University of Illinois for a year to further his research in crop improvement through the application of genomic and post-genomic techniques, which involve analyses of plants at both the molecular (gene) and physiological (whole plant) level. He will be looking at ways to enhance tolerance to ozone in one of the worlds' major crop plants, maize. Tiago has a keen interest in research commercialization and management, having been awarded a scholarship to undertake training at the Queensland University of Technology (QUT) early in his PhD, and actively participating in a variety of university and industry events thereafter. Tiago currently works as part of a team at the Department of Agriculture and Food Western Australia looking to improve the stress tolerance capabilities of Australian commercial wheat varieties. In his free time, Tiago enjoys surfing, travelling and improving his Portuguese.



## DR DANIEL VIÈTE

### Fulbright Victoria Scholar

BSc, BEng, Monash University; PhD, ANU

**Host:** University of California – Santa Barbara

Dr Daniel Viète, a postdoctoral fellow at Monash University will go to the U.S. to study geology, and in particular the geology of deep earthquakes. Daniel's project will test the hypothesis that metamorphism (changes in the minerals that comprise a rock) can result from modifications in temperature and pressure conditions triggered by large earthquakes. Confirmation of the hypothesis could assist development of new geophysical tools for assessment of earthquake risk. He has won awards including a Young Author of the Year Award, from Journal of the Geological Society, and Outstanding Student Paper Award, American Geophysical Union Fall Meeting, San Francisco. His interests include playing baseball and golf, studying the natural world and volunteering with community and environmental organizations.



## POSTGRADUATE SCHOLARS

### MR DAVID GWYTHER

#### **Fulbright Postgraduate Scholar**

BSc, Physics, the University of Queensland

**Host:** University of Texas, Austin

Mr David Gwyther, a PhD candidate at the University of Tasmania, will have the opportunity to spend twelve months in the U.S. studying the interaction between the ocean and the Antarctic ice shelves. Undertaken in collaboration with colleagues at the University of Texas at Austin, his project aims to improve simulations of ice shelves, leading to improved understanding of ice shelf melting, ice sheet flow and global sea level rise. He has received various awards and prizes including Dean's commendations for high achievement, and a UTAS Elite Research Scholarship amongst others. His interests include bushwalking, mountain biking, road cycling, climbing and rogaining. He is also a volunteer member of the State Emergency Service in Tasmania.



### MR IAIN HENRY

#### **Fulbright Postgraduate Scholar**

BA, (Politics and Indonesian), the University of New South Wales;  
MA, Strategic Studies, ANU

**Host:** TBC

Mr Iain Henry, who is a recent Masters graduate from ANU, has won a postgraduate scholarship to study in the U.S. Iain will undertake research towards a Doctorate in Political Science (TBC). He plans to study military alliance dynamics within Asia, with a particular focus on the alliances between the United States and Japan, South Korea and Australia. He works at ANU and the National Archives of Australia, and has previously worked as the Manager of Threat Analysis and Liaison at Qantas. His extracurricular activities include motorcycling, reading and camping.





## MR ROBERT MASON

### **Fulbright Queensland Scholar**

BSc (Hons), Biological Sciences, Macquarie University

**Host:** University of Hawai'i at Mānoa

Mr Robert Mason, a PhD candidate in Marine Biology at the University of Queensland, will go to the University of Hawai'i at Mānoa for a year to further his research into coral bleaching. His aim is to determine the mechanism by which ocean acidification may cause coral bleaching. This knowledge will help us to take ocean acidification into account when we are attempting to predict coral bleaching and to understand its ecological impacts. He has won awards and prizes including a Macquarie University Honours Scholarship, a Wildlife Preservation Society of Australia University Grants Award and recognition of outstanding scholastic achievement and excellence from the Golden Key International Honour Society. His interests include travelling, hiking, wildlife watching and Gamelan music.



## MS ROXANNE MOORE

### **Fulbright Western Australia Scholar**

LLB (Dist.)/BA (Indonesian Language), UWA

**Host:** TBC

Ms Roxanne Moore, lawyer and former Principal Associate to the Hon Chief Justice Martin AC, will have the opportunity to spend a year in the U.S. She will undertake a Master of Laws, specialising in public international law and human rights law. Roxanne will learn about comparative human rights systems and gain expertise in specific topics, with a view to contributing to Australian human rights law reform and becoming an advocate. She previously represented UWA in the international rounds of the Philip C Jessup International Law Mooting Competition. She has volunteered extensively with Amnesty International Australia, for whom she founded the national ARTillery arts festival, culminating in her recognition as a finalist for the 2010 WA Young Person of the Year Award. Her interests include learning languages, live music and the Arts.

## MR MATTHEW D. NORRIS

### **Fulbright Australian Alumni (WG Walker) Postgraduate Scholar**

BSc (Hons) (Chemistry) Flinders University

**Host:** Princeton University

Mr Matthew D. Norris, a PhD candidate at Flinders University in Adelaide, will go to the U.S. for 12 months to further his research into the synthetic preparation of rare and highly complex natural medicines. The primary motivation of his research is to develop new methods of synthesis in which chemists can rapidly access highly complex structures in a cost-effective manner from simple, cheap starting materials. Matthew was the recipient of the MF & MH Joyner Scholarship in Science, Flinders University Medal, The Malcolm Thompson Prize for Research in Organic Chemistry, Royal Australian Chemical Institute SA Branch Prize and The Max Clark Prize in Science and Engineering. Outside of his research he enjoys university teaching and playing the guitar.



## MR NICHOLAS RODD

### **Fulbright Postgraduate Scholar**

BSc (Physics) and LLB (Hons); MS (Physics) The University of Melbourne

**Host:** TBC

Mr Nicholas Rodd, who just completed a Masters at the University of Melbourne, will go to the U.S. for five years to undertake research in particle physics, specializing in the mass of tiny subatomic particles known as neutrinos. Nicholas has won awards and prizes including the Bryan Scholarship in Natural Science, a Master of Science National Scholarship, a Melbourne Global Scholarship, the VCE all Round High Achiever and an Australian Student Prize. He has been on academic exchange to the U.S., and to the Hadron Collider at CERN in Switzerland. His extracurricular activities include playing soccer, playing video games with friends or going on long bike rides to explore different parts of Melbourne.





## MS REBECCA ERIN SMITH

### **Fulbright Postgraduate Scholar**

BA (Hons) (Music), W.A Academy of Performing Arts

**Host:** Manhattan School of Music

Ms Rebecca Smith, a musician from Western Australia, will go to the U.S. to undertake a two year Master of Music degree. The specialised courses she will undertake are instrumentation and orchestration, form and analysis, and operatic and collaborative composition. She has won awards and prizes including the Western Australian Barbara MacLeod Scholarship and Dr Harold Schenberg Music Prize, Marvin Hamlisch Scholarship in Composition from the Juilliard School and a Manhattan School of Music Scholarship. She is a member of the Golden Key Honour Society. Her interests include dressmaking and musical improvisation and she is an active member of the Perth indie-pop contemporary music scene.



## MR DAVID WADDINGTON

### **Fulbright Scholar in Nuclear Science and Technology, sponsored by ANSTO**

BSc (Hons), (Physics), University of New South Wales

**Host:** Harvard-MIT Division of Health Sciences & Technology

Mr David Waddington, a PhD candidate in physics from the University of Sydney, will go to the U.S. for 12 months to undertake research towards his PhD. His project involves investigating the potential medical applications of quantum nanoscience. He aims to develop an entirely new imaging modality based on the detection and tracking of nontoxic nanoparticles in biological environments. He has won awards and prizes including the University of New South Wales Medal in Physics and a University of Sydney Vice-Chancellor's Research Scholarship. His interests include travel, skiing, cycling and rugby union.



Australian Government



**Australia Awards**

ANNE WEXLER SCHOLARSHIP

## MS MELANIE POOLE

### **Anne Wexler Australian-American Studies Scholar in Public Policy**

BA (Political Science), LLB (Hons), ANU; a training certificate in Humanitarian advocacy, Fordham University (New York); Certificate in Health and Human Rights, United Nations University for Peace

**Host:** TBC

Ms Melanie Poole, Parliamentary Advocacy Co-ordinator with CARE Australia, will go to the United States for two years to undertake a Masters in Public Policy. Melanie's work is in the area of humanitarian advocacy, with a strong focus on promoting the rights of women and girls. By studying public policy in the U.S., Melanie will learn to engage a broader range of sectors in the promotion of human rights and global citizenship. Her aim is to be able to help to make Australia's aid program stronger and more gender focused through steering and shaping the national agenda for international aid and diplomacy, and to foster a stronger focus on global citizenship in Australia's education system. She has volunteered with the Kenyan Voluntary Development Association, been a Fieldwork Team Leader with Aga Khan Education Services, Gilgit, Pakistan and the 2008 Australian Youth Representative to the United Nations. She is interested in political theory and processes, community organising, the role of education in shaping national values and issues of gender and sexuality. She is especially passionate about reproductive and LGBTIQ rights.

The Anne Wexler Australian-American Studies Scholarships in Public Policy were established in 2009 and are part of the Australian Government's Australia Awards Program. They are funded through the Department of Industry, Innovation, Science, Research and Tertiary Education and are administered by the Australian-American Fulbright Commission.



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