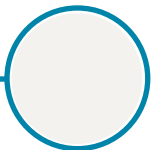
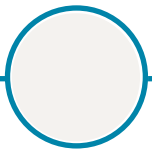
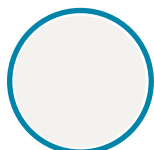


# 2018

Australian Fulbright Scholars

# 2017

American Fulbright Scholars



[fulbright.org.au](http://fulbright.org.au)

**FULBRIGHT**  
AUSTRALIAN-AMERICAN  
FULBRIGHT COMMISSION

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## ABOUT FULBRIGHT

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### THE FULBRIGHT PROGRAM

The Fulbright Program is the flagship foreign exchange scholarship program of the United States of America, aimed at increasing cultural understanding, collaboration, and the exchange of ideas.

Born in the aftermath of WWII, the program was established by Senator J. William Fulbright in 1946 with the ethos of turning 'swords into ploughshares', whereby credits from the sale of surplus U.S. war material were used to fund academic exchanges between host countries and the U.S.

Since its establishment, the Fulbright Program has grown to become the largest educational exchange program in the world, operating in over 160 countries.

In its seventy-year history, more than 360,000 students, academics, and professionals have received Fulbright Scholarships to study, teach, or conduct research, and to promote bilateral collaboration and cultural understanding.

Approximately 8,000 competitive, merit-based grants are awarded annually in most academic disciplines and fields of study.

### THE AUSTRALIAN-AMERICAN FULBRIGHT COMMISSION

The treaty that established the Fulbright program in Australia was signed on 26 November 1949. The initial sale of U.S. surplus war material to Australia provided \$5.8m to fund the first fourteen years of the program. In 1964 a new agreement was entered into by the Australian and U.S. Governments to establish the Australian-American Educational Foundation (later to be known as the Fulbright Commission), funded by both governments.

Today the Australian-American Fulbright Commission, headquartered in Canberra, continues to administer the program, thanks to the funding of the Australian and U.S. Governments, and a generous group of sponsors. This support has enabled the steady expansion of the program, which now offers scholarships to candidates at all levels of research. The Prime Minister of Australia and the U.S. Ambassador to Australia are the Honorary Co-Chairs of the Commission.

Since its establishment, the Commission has awarded scholarships to approximately 5,000 Australians and Americans. Our distinguished alumni are an integral part of the program's rich history and ongoing professional network.

## FROM THE CHAIRMAN

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On behalf of the Australian-American Fulbright Commission Board of Directors, I'd like to congratulate the 2018 Fulbright Scholars, and wish them every success in their endeavours.

Senator Fulbright believed that the solutions to international unrest were within reach of all of us and required leadership, learning and empathy between cultures. In establishing the Scholarship program his actions demonstrated a tangible commitment to his beliefs, leadership for the way forward and an inspiration for generations to come.

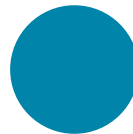
This year's Fulbright Scholars are pushing the boundaries of advanced scientific fields such as biochemistry and quantum computing; conducting vital research into health, education, and agricultural policy; and creating new bilateral linkages in medicine, law, and the arts.

We are truly grateful to all of our sponsors, who enable us to fund such a diverse group of students, scholars, and professionals.

On behalf of the Board, I can say we are looking forward to facilitating more scholarships and to the many benefits that will be accrued to our society and our scholars from continued cultural exchange and academic achievement, as we move towards the seventieth anniversary of Fulbright in Australia.



**Peter de Cure**  
Chairman,  
Australian-American Fulbright Commission  
Board of Directors



## 2018 AUSTRALIAN FULBRIGHT SCHOLARS

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### Distinguished Chair

Geoffrey Cockfield

### Senior Scholars

Jeremy Davey  
Amanda Keddie  
Anne Pender  
Anna Ralph  
Maggie Walter

### Scholar-in-Residence

Elham Sayyad Abdi

### Professional Scholars

David Crook  
Jed Duff  
Gordon Duff  
Anitza Geneve  
David Ireland  
Joshua Mylne  
Amy Salapak  
Aiden Warren

### Postdoctoral Scholars

Andrew Gardner  
Felicity Graham  
Sean Martin  
Harley Scammell  
Anna Urbanowicz

### Postgraduate Scholars

Sarah Boyd  
Amy Dennison  
Hannah Etchells  
Anna Evans  
James Hill  
Ashley Kras  
Jessica Kretzmann  
Giri Krishnan  
Peerce McManus  
Karri Neldner  
Sriram Rao  
Dougal Robinson  
Lily Van Eeden  
Hayden Wilkinson

## DISTINGUISHED CHAIR

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### Professor Geoffrey Cockfield

Fulbright Distinguished Chair in Agriculture & Life Sciences

SPONSOR: Kansas State University

HOME: University of Southern  
Queensland

HOST: Kansas State University

FIELD: [Agricultural Policy](#)

Geoff is Professor in Government and Economics, and leader of the Sustainable Agricultural Environments Research Group, at the University of Southern Queensland. He worked in agriculture and rural journalism before starting an academic career. His research interests include agricultural and natural resources management policies, with specific work on climate change and agriculture, farm forestry and structural change in agriculture and rural communities.

During his Fulbright Distinguished Chair tenure, Geoff will compare agricultural policies in the U.S. and Australia. He will identify what policy instruments are being, or could be used to enable adaptation in agricultural sectors, especially in relation to national budget constraints, trade and environmental rules and rapid technological innovation. The outcomes of the study will include analyses of policy options for the U.S. and Australia that will be promoted for consideration in policy communities in both countries.



**Professor Jeremy Davey**  
Fulbright Senior Scholar

**SPONSOR:** Kansas State University (KSU)  
**HOME:** Faculty of Health, Queensland University of Technology  
**HOST:** Department of Sociology, Anthropology, & Social Work, KSU

**FIELD:** Psychology/Sociology

Jeremy Davey (PhD) is a Professor in the Centre for Accident Research and Road Safety-Queensland (CARRS-Q) at Queensland University of Technology. Professor Davey was a co-founding academic of this internationally recognized, road safety research institute. Based at KSU, Professor Davey's Fulbright will allow him to develop collaborative research into drug driving; a significant road safety issue in the U.S. and Australia where the proportion of drug driving fatalities has been rapidly increasing.

The Fulbright Scholarship provides for an international researcher to share and exchange knowledge and skills with scholars at KSU. Importantly, it will facilitate the establishment of collaborative opportunities for continuing research to target this high risk driving behaviour in both the U.S. and Australia.



**Professor Amanda Keddie**  
Fulbright Senior Scholar

**HOME:** Deakin University  
**HOST:** The Center for the Study of Boys' and Girls' Lives, University of Pennsylvania

**FIELD:** Education

Amanda is leader of the program Children, Young People and their Communities within Deakin University's Strategic Research Centre, REDI (Research for Educational Impact). Her research examines the broad range of schooling processes, practices and conditions that can impact on the pursuit of social justice in schools.

Amanda's Fulbright Senior Scholarship is focused on changing the story of gendered violence through education. The scholarship will enable Amanda to engage with and learn from two of the leading authorities in this space, The Center for the Study of Boys' and Girls' Lives (CSBGL) and The Center for the Study of Men and Masculinities (CSMM). Through research in key schools affiliated with the CSBGL and dissemination supported by the CSMM, the Fulbright will facilitate scholarship and expertise in the areas of gender, boyhood and masculinity to shed light on new forms of education that are changing the story of gendered violence.



**Professor Anne Pender**  
Fulbright Senior Scholar

**HOME:** School of Arts, University of New England  
**HOST:** Houghton Library, Harvard University

**FIELD:** Literary and Theatre Studies

Anne is Professor of English and Theatre Studies at the University of New England. Her Fulbright Senior Scholarship will enable her to explore the lives and work of key Australian writers who live in the United States.

Anne will examine the expatriate experience as a creative force in the writers' lives and chart the changing cultural relationship between Australia and the U.S. revealed by the authors' achievements. The research will investigate the impact of contemporary Australian expatriates in the U.S. in relation to a longer history of Australian expatriate writers and actors who have lived and worked in the U.S. over the last century. During her residency at Harvard University Anne will work in the special collections held at the Houghton Library, as well as in other collections at Harvard. Anne will collaborate on this research project with Dr Christina Thompson, Editor of the *Harvard Review*, the flagship literary journal of Harvard University.



**Dr Anna Ralph**  
Fulbright Northern Territory Scholar

**SPONSOR:** Charles Darwin University/  
NT Government/Blackboard Inc  
**HOME:** Menzies School of Health Research  
**HOST:** School of Medicine, University of California San Francisco (UCSF)

**FIELD:** Medicine

Anna is Associate Professor at the Global and Tropical Health division at Menzies School of Health Research, a specialist in Infectious Diseases at Royal Darwin Hospital, and Clinical Director of Rheumatic Heart Disease Australia. Anna's research goals are to improve outcomes for people with diseases of disadvantage, focusing on tuberculosis and rheumatic fever. Her research has led to health system strengthening for better tuberculosis control in eastern Indonesia; new knowledge on host responses to tuberculosis infection; research capacity building in Australian Aboriginal communities; and improved understanding of the diagnosis and management of rheumatic fever and rheumatic heart disease.

This opportunity will allow Anna to draw on world-class implementation research skills at UCSF to develop a comprehensive strategy for the elimination of rheumatic heart disease as a public health problem. Skills gained will also strengthen the Menzies tuberculosis research program, and will build important valuable ties.



**Professor Maggie Walter**  
Fulbright Indigenous Scholar

**SPONSOR:** Australian Government  
Department of the Prime  
Minister & Cabinet

**HOME:** University of Tasmania  
**HOST:** School of Social Transformation,  
Arizona State University

**FIELD:** Sociology

Maggie, a *palawa* Tasmanian Aboriginal woman, is the Pro Vice-Chancellor of Aboriginal Research and Leadership at the University of Tasmania.

Maggie will use her Fulbright opportunity to undertake a comparative analysis of Australian/U.S. Indigenous educational data and policy at Arizona State University. She brings to this research an extensive track record in the field of Indigenous children's educational attainment and is a long term member of the Australian Longitudinal Study of Indigenous Children Steering Committee. Maggie will also set the foundations for an Aboriginal and Torres Strait Islander/Native American network to foster scholarly collaboration and the sharing of knowledge. The network's purpose is to facilitate cross-national engagement and research on Indigenous children's educational attainment and will bring a combined Indigenous academic strength to bear on the shared aspiration of a strong educational future for our children.



**Dr Elham Sayyad Abdi**  
Fulbright Scholar-in-Residence

**HOME:** School of Information Systems,  
Queensland University of  
Technology (QUT)

**HOST:** University of the Pacific

**FIELD:** Information Science

Elham is a lecturer at QUT teaching and researching about information literacy.

Elham's Fulbright Scholar-in-Residence Scholarship will enable her to further both her teaching and research within a U.S. context. Based at the University of the Pacific, Elham will teach an undergraduate signature course where she will also apply her information literacy education background to help first year students become stronger writers, critical thinkers and readers through which they can succeed in any field of study at university and beyond. Having been awarded a Vice-Chancellor's Award for Best Teaching Experience at QUT, Elham will also work with the Center for Teaching & Learning to advance university's teaching and learning practice, specifically for international and underserved students. Additionally, in collaboration with University Libraries, Elham will advance her idea of "information experience design" to develop environments which privilege information-centered elements of designed experiences. Through her 10-month residency, Elham will develop strong collegial relationships that will continue well beyond the residency.



**David Crook**  
Fulbright Professional Scholar

**HOME:** Research Institute for the  
Environment and Livelihoods,  
Charles Darwin University

**HOST:** Woods Hole Oceanographic  
Institution

**FIELD:** Fisheries Research

David is a Principal Research Fellow at the Research Institute for the Environment and Livelihoods at Charles Darwin University in Darwin. He has more than 20 years of experience in fish ecology research, primarily focussing on the significance of fish migration for ecosystem connectivity, aquatic food web structure and function, threatened species conservation and sustainable fishery management.

David will use his Fulbright scholarship to undertake collaborative research at the Woods Hole Oceanographic Institute in Massachusetts and Oregon State University and the U.S. Forest Service in Corvallis, Oregon. Analyses of fish otoliths (earstones) will be used to quantify the transport of assimilated energy and nutrients across ecosystem boundaries by migratory fish, using barramundi from tropical Australia and Pacific salmon from temperate USA as case studies. The project will help support sustainable fishery management and provides an opportunity for ongoing collaboration among fisheries scientists in Australia and the U.S.



**Gordon Duff**  
Fulbright Professional Scholar  
in Non-Profit Leadership

**SPONSOR:** Origin Foundation/Australian  
Scholarships Foundation

**HOME:** National Disability Services  
**HOST:** Human Services Research  
Institute, Boston

**FIELD:** Non-Profit Leadership

Gordon is currently General Manager, Sector Development and Research for National Disability Services, the peak body for non-government disability services. He has over 20 years' experience in human services and advocacy in a career spanning New Zealand, Canada, the UK and Australia, and across academia, government, non-government and business sectors. He holds Honours degrees in Economics and Business Administration from New Zealand universities and a Masters in Social Policy and Health Economics from the London School of Economics.

The Fulbright Scholarship in Non-Profit Leadership will enable Gordon to gather insights from, and establish partnerships with U.S. agencies that promote, stimulate and reward innovation in service delivery for people living with disability. A particular focus of the research will be how evidence about 'what works' is generated and mobilised within the service system. This will support the development of innovation policy in the Australian context, especially current proposals for the establishment of a disability research and innovation agency in Australia.



**Dr Jed Duff**  
Fulbright Professional Scholar

**HOME:** School of Nursing and Midwifery, University of Newcastle  
**HOST:** College of Nursing, University of Iowa

**FIELD:** Nursing

Jed is currently Associate Professor of Nursing in the School of Nursing and Midwifery at the University of Newcastle. His research is in the field of implementation science - the study of methods for translating research findings into routine clinical practice.

Jed's Fulbright Scholarship will enable him to meet and interview the creators of the Iowa Model for Evidence Based Nursing Practice and observe its use in multiple settings. This study will provide a better understanding of the model, how it works, for whom, and under what circumstances. With this information Jed hopes to optimise the model before introducing it into Australian nursing practice.



**Dr Anitza Ana Geneve**  
Fulbright Professional Scholar in Vocational Education & Training (VET)

**SPONSOR:** Australian Government, Department of Education & Training  
**HOME:** TAFE Queensland  
**HOST:** MIT Office of Open Learning, Massachusetts Institute of Technology

**FIELD:** Vocational Education

Anitza has over twenty years' experience in the Australian VET sector across various professional roles including teaching, research and project management. Her current role with TAFE Queensland focuses on implementing initiatives that improve the student experience.

Anitza's Fulbright project will investigate, design, implement and evaluate the use of a Massive Open Online Course (MOOC) to support the digital literacy skills and employability skills (Australian Core Skills for Work (CSfW)) of learners undertaking competency-based training in the Australian VET sector. Anitza will spend three months with her host organisation, Massachusetts Institute of Technology (MIT) to align the MOOC project to international best practice. Anitza looks forward to driving a conversation within the Australian VET sector focusing on how the digital literacy and employability needs of learners can be supported within an Australian and a global context through the use of emerging technology.



**Dr David Ireland**  
Fulbright Professional Scholar in Non-Profit Leadership

**SPONSOR:** Origin Foundation/Australian Scholarships Foundation  
**HOME:** School of Business, The University of Queensland  
**HOST:** ChangeLabs, Stanford University

**FIELD:** Interdisciplinary Studies

David is an adjunct Professor at the University of Queensland Business School (UQBS) and the Chief Innovation Officer at ThinkPlace, a leading strategic design and innovation consultancy. David is also a board member of several not-for-profit and for-profit organizations and is a serial entrepreneur, having successfully started and exited several businesses.

David will use his Fulbright Scholarship in Non-Profit Leadership to spend four months at Stanford University. During this time, he will establish a formal relationship between UQBS and Stanford in researching, understanding, and addressing complex systems and challenges. As a particular focus, he will also develop practical methods, tools, and initiatives for people and organisations to use towards achieving the UN's Sustainable Development Goals, arguably the world's most complex challenges, which seek to end poverty, protect the planet, and ensure prosperity for all.



**Dr Joshua S. Mylne**  
Fulbright Professional Scholar

**HOME:** The University of Western Australia (UWA)  
**HOST:** Dept. of Biochemistry, Molecular Biology & Biophysics, BioTechnology Institute, University of Minnesota

**FIELD:** Biochemistry

Joshua is a plant biochemist who has worked broadly in genetic engineering (PhD Botany, University of Queensland 2002), developmental genetics and epigenetics at the John Innes Centre in the UK (2001-2005) and biochemistry at the IMB, a biomedical institute at UQ (2006-2012). He held successive ARC QEII and Future Fellowships (2008-2016), was a Goldacre medal winner and Feinberg Foundation Visiting Fellow to the Weizmann. His lab, founded in 2013 at UWA, studies protein evolution, biosynthesis and has embarked on a new program in herbicide discovery. He is now tenured in the School of Molecular Sciences where the majors of genetics, chemistry and biochemistry are housed: the ideal environment for plant chemical biology.

Joshua will acquire skills to understand plant enzymes and their catalysis at the atomic level to improve biotechnological tools and develop much needed new herbicides.



**Amy Salapak**  
Fulbright Professional Coral Sea Scholar  
(Business/Industry)

**HOME:** Faculty of Business and Law,  
Curtin University  
**HOST:** Institute of Ethical Leadership,  
Rutgers University

**FIELD:** Business

It has been almost a decade since we witnessed the impact of the global financial crisis (GFC). Yet, the GFC was more than the result of extraordinary failures by regulatory and credit agencies, poor corporate governance and ineffective risk management. It demonstrated epic and ongoing failures in corporate ethics and leadership.

Amy is a lawyer specialising in litigation, with more than a decade's legal experience acting for corporate entities, the private sector and government. She is currently an in-house solicitor with the Western Australian Department of Health, and is an accredited mediator. As a Visiting Research Fellow at Rutgers Institute of Ethical Leadership, Amy's research will investigate the American perspective of what is required to foster ethics in business, and whether this requires a carrot or stick approach. Amy will use her Fulbright Scholarship to explore the role that culture, leadership, organisational behaviour, legal and regulatory frameworks have in promoting ethical conduct.



**Dr Aiden Warren**  
Fulbright Professional Scholar in Australia-  
United States Alliance Studies

**SPONSOR:** Australian Government, Department  
of Foreign Affairs & Trade  
**HOME:** RMIT University  
**HOST:** Arms Control Association (ACA),  
Washington DC

**FIELD:** International Relations

Aiden is a senior lecturer in International Relations in the School of Global, Urban and Social Studies at RMIT University. His teaching and research interests are in the areas of International Security, U.S. national security and foreign policy, U.S. Politics, International Relations, and issues associated with Weapons of Mass Destruction proliferation, deterrence, arms control, and disarmament.

As the Fulbright Scholar in Australia-U.S. Alliance Studies, based at the Arms Control Association in Washington DC, Aiden's project will examine the tensions between U.S. nuclear force modernisation and the global non-proliferation regime. To prevent a dangerous backslide, new scholarship will be critical for pushing back against unilateral U.S. actions that threaten future steps on arms control and for advancing policy options that prevent further fracturing of the Nuclear Non-Proliferation Treaty. As such, Aiden's proposal to study questions pertaining to U.S. modernization and security strategy will seek to develop pathways for keeping disarmament momentum 'alive' under conditions of weakening U.S. disarmament leadership, and an increasingly challenging international environment.



**Dr Andrew Gardner**  
Fulbright Postdoctoral Scholar

**HOME:** Sports Concussion Clinic,  
The University of Newcastle  
**HOST:** Harvard Medical School

**FIELD:** Neuropsychology

Andrew is an early career research fellow and Co-Director of the Hunter New England Local Health District's Sports Concussion Clinic.

For his Fulbright Postdoctoral Scholarship Andrew will be visiting the Football Players Health Study (FPHS) at Harvard to learn as much as he can about the FPHS's work on prevention, diagnostics, and treatment strategies for common and severe health conditions affecting former professional football players. He will equip himself with the knowledge, resources, and capability to replicate the FPHS in rugby players in Australia. Ultimately this program will result in improving the health and quality of life of retired rugby players.



**Dr Felicity Graham**  
Fulbright Tasmania Scholar

**SPONSOR:** University of Tasmania (UTAS)/  
Tasmanian Government  
**HOME:** Institute for Marine & Antarctic  
Studies, UTAS  
**HOST:** Department of Earth System Science,  
University of California, Irvine

**FIELD:** Antarctic Science

Felicity is a postdoctoral researcher in the Australian Research Council Special Research Initiative Antarctic Gateway Partnership at the Institute for Marine and Antarctic Studies, University of Tasmania. Her research focusses on the physical processes that govern Antarctic ice flow. Antarctica contains enough ice to raise global mean sea levels by approximately 60m. However, the response of the Antarctic ice sheet to climate change, and its potential contribution to sea level rise, is highly uncertain.

Felicity will use the Fulbright Postdoctoral Scholarship to work with researchers at the University of California, Irvine. She will investigate the potential timing and magnitude of ice loss from East Antarctic glaciers due to warming oceanic and atmospheric temperatures. The findings will inform sea level rise estimates for the coming century.





**Dr Sean Martin**

Fulbright Postdoctoral Scholar

HOME: Freemason Foundation Centre for Men's Health, University of Adelaide  
HOST: New England Research Institutes

FIELD: Epidemiology

Sean is a National Health and Medical Research (NHMRC) Early Career Research Fellow, based in the Freemason Foundation Centre for Men's Health at the University of Adelaide. Sean's current research interests centre on urological epidemiology, specifically how urological symptoms relate to other chronic diseases.

For his Fulbright Scholarship, Sean will be examining in detail the socio-cultural and demographic influences on the high level of urological dysfunction seen in disadvantaged urban communities, a noted public health concern in both the USA and Australia. This work will be based out of the New England Research Institutes (Boston), world-renowned for their work in health disparities, in association with local collaborators at Harvard and Massachusetts General Hospital.

**Dr Harley Scammell**

Fulbright Postdoctoral Scholar

SPONSOR: Monash University  
HOME: University of New South Wales  
HOST: Harvard University

FIELD: Theoretical Physics

Harley is a postdoctoral researcher in the ARC Centre of Excellence in Future Low-Energy Electronics Technologies (FLEET) at the University of New South Wales. For his Fulbright Postdoctoral Scholarship, Harley will work with world-renowned theoretical physicist Professor Subir Sachdev at Harvard University to further the understanding of the mechanisms behind superconductivity – an exotic quantum phase of matter. Superconductors, along with quantum computers and modern transistor devices, are quantum systems positioned at the forefront of modern technology. The principle behind all such technologies is the manipulation of quantum states of matter in order to send and receive information and energy at the lowest possible energy cost. Energy costs lie at the heart of our current technological limitations as well as our global environmental issues.

By the completion of the Fulbright program, researchers around the world will be able to benefit from the results of Harley's research into superconducting systems.

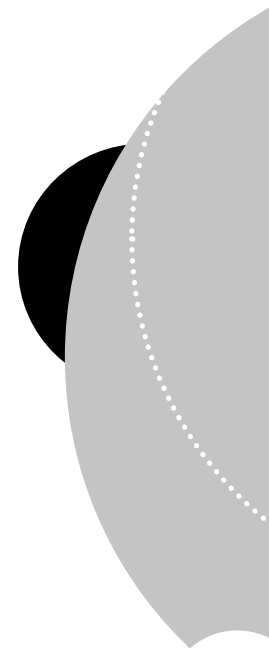
**Dr Anna Urbanowicz**

Fulbright Postdoctoral Scholar

SPONSOR: RMIT University  
HOME: The University of Queensland/  
RMIT University  
HOST: Portland State University  
FIELD: Autism Research

Anna is a postdoctoral research fellow at The University of Queensland funded by the Cooperative Research Centre for Living with Autism (Autism CRC). The Autism CRC is the world's first national cooperative research effort focused on autism across the lifespan. As the recipient of the RMIT University sponsored Fulbright Postdoctoral Scholarship, Anna will be moving to RMIT prior to commencing her travel to the U.S.

For her Fulbright Postdoctoral Scholarship, Anna will work with a team at Portland State University who bring together the academic and autistic communities to conduct research relevant to the needs of autistic adults. This team has developed an online Healthcare Toolkit for autistic adults, their support persons and primary healthcare providers. Anna's project will adapt this toolkit for use in hospitals with the aim of improving the hospital experience for adult autistic patients, their support persons and hospital staff.





**Sarah Boyd**  
Fulbright Victoria Scholar

**HOME:** The Gender Agency/The University of Melbourne  
**HOST:** TBC

**FIELD:** Public Policy/International Relations

Sarah is a gender equality policy specialist, Principal of The Gender Agency, and a Practitioner Fellow at Monash Gender, Peace and Security Centre. She has worked as a diplomat, development practitioner, women's rights activist and researcher for the Australian government (AusAID and DFAT), the UN, international NGOs and women's rights organisations, including in postings to Pakistan, Myanmar, Nepal and Timor-Leste. Sarah is passionate about the potential of feminist foreign policies to advance women's rights and their representation in foreign policy and national security decision-making.

Through a Master of Public Administration, Sarah intends to sharpen her policy and leadership skills to address the global challenge of gender inequality. She will use her Fulbright scholarship to build academic, practitioner and policy linkages between the US and Australia, and create an Institute for Feminist Foreign Affairs to increase women's leadership in foreign policy, international development and national security decision-making in the Asia-Pacific. Sarah earned a Bachelor of Commerce, Diploma of Modern Language (Chinese) and Master of Development Studies from the University of Melbourne, and is currently studying at the Melbourne School of Government.



**Amy Dennison**  
Fulbright Anne Wexler Scholar in Public Policy

**SPONSOR:** Australian Government, Department of Education & Training  
**HOME:** University of New South Wales  
**HOST:** TBC  
**FIELD:** Public Policy

Amy works for the Northern Territory Government in energy and environment policy. She is interested in how government and industry can ensure the ecologically sustainable development of non-renewable resources. Amy has a Bachelor of Environmental Engineering with first class Honours and the University Medal and a Bachelor of Laws from the University of New South Wales. She placed first and received the Dean's Medal for her Master of Laws in Mineral Law and Policy from the University of Dundee in the UK. Amy has worked as an environmental engineer in India, a corporate lawyer in Sydney and New York, and with traditional Aboriginal owners as a land rights and native title lawyer in the Northern Territory.

Amy will use the Fulbright Scholarship to undertake a mid-career Masters of Public Affairs at a leading Public Policy school in the United States. Her long-term goal is to lead the development of policies and laws that will ensure the sustainable development of energy and resource projects in Australia.



**Hannah Etchells**  
Fulbright Western Australia Scholar

**HOME:** School of Biological Sciences, University of Western Australia  
**HOST:** Center for Fire Research and Outreach, University of California Berkeley  
**FIELD:** Fire Ecology

Hannah earned her BSc in Botany and Conservation Biology and first class honours in Botany at the University of Western Australia. She is currently completing her PhD research, focussing on the ecological impacts of large-scale, catastrophic wildfire events. For her Fulbright Postgraduate Scholarship, Hannah will work in the laboratory of Professor Scott Stephens at University of California Berkeley, researching wildfire impacts and prescribed burning in California. The forested regions of Australia and North America have both witnessed unprecedented large-scale wildfire events over the last decade, and wildfire in both regions is projected to increase in frequency and severity over the next century. However, the ecological impacts of such events and consequences for future management are poorly understood. Hannah's research will promote the sharing of knowledge between Australia and the U.S., forging research ties and developing collaborative projects to understand catastrophic wildfire events in a global context. She looks forward to both sharing and learning innovative new techniques for quantifying and monitoring the complex ecological impacts of catastrophic wildfire, as well as gaining a greater understanding of how fire research can be used to inform management actions in a changing climate.



**Anna Evans**  
Fulbright Anne Wexler Scholar in Public Policy

**SPONSOR:** Australian Government, Department of Education & Training  
**HOME:** University of Newcastle  
**HOST:** TBC  
**FIELD:** Public Policy

Anna has a Bachelor of Chemical Engineering with First Class Honours and a Bachelor of Physics with Distinction. Specialising in energy technology and policy, Anna has improved solar cell efficiency with the CSIRO, worked as an engineer in a coal-fired power station, and developed national policies to reduce emissions from the electricity sector.

Anna hopes to build on this expertise through a Master of Public Policy, where she will specialise in energy. During this program, Anna will draw on leading interdisciplinary thinkers to navigate the significant policy and technical challenges faced in transitioning to a low emissions electricity sector. Anna hopes to build on her technical background and undertake rigorous training in public policy to prepare her for leadership roles in energy market regulation. Anna is a passionate supporter of women in science, and hopes to learn about initiatives underway in the United States to encourage greater representation of women.



**James Hill**  
Fulbright Queensland Scholar

**HOME:** Institute for Molecular Bioscience, The University of Queensland  
**HOST:** Department of Radiology, University of Michigan

**FIELD:** Chemistry

James is a PhD candidate with a passion for drug discovery and development. He completed a Bachelor of Commerce at the University of Western Australia and a Bachelor of Science (Honours) at the University of Queensland. His current research aims to synthesise promising Parkinson's disease drugs that can be tracked through an animal/patient using positron emission tomography, i.e. PET imaging, allowing molecules to be evaluated for their ability to enter the brain.

A Fulbright Scholarship will allow James to work with Associate Professor Peter Scott at the University of Michigan. There he will receive training in all aspects of PET imaging from bench-to bedside, including radiochemical synthesis, clinical translation of radiopharmaceuticals, and both pre-clinical and clinical PET imaging. This will provide valuable skills and expertise for future drug development in Queensland.



**Dr Ashley Kras**  
Fulbright Postgraduate Student

**HOME:** Royal Victorian Eye and Ear Hospital  
**HOST:** TBC

**FIELD:** Health Informatics

Ashley is a final year ophthalmology (eye) specialist surgical trainee. Ashley believes that our healthcare sector is too slowly adapting to modern technology progress, which is rapidly revolutionising other industries. After experiencing day to day systemic inefficiencies and underutilised data repositories, Ashley collaborated on cutting edge e-health projects with government and industry at the Australian Digital Health Agency and IBM respectively.

With the Fulbright scholarship, Ashley will advance his understanding of the potential for intelligent informatics insights to drive new discoveries, help clinicians make more informed decisions, improve access to care and build a more sustainable healthcare system. Ashley plans to learn from world leaders, who are bridging the divides between computer science and clinical research, and bring the knowledge and networks back to further Australia's digital health journey.



**Jessica A Kretzmann**  
Fulbright Western Australia Scholar

**HOME:** Harry Perkins Institute of Medical Research, The University of Western Australia  
**HOST:** University of Massachusetts, Amherst

**FIELD:** Polymer Chemistry/Nanotechnology

Jessica is a PhD student at The University of Western Australia (UWA) and the Harry Perkins Institute of Medical Research (HPIMR) in Perth. Jessica's research is aimed at the design and development of medically translatable technologies for targeted genome engineering as a novel treatment strategy for breast cancers.

For her Fulbright Postgraduate Scholarship, Jessica will work with Professor Vincent Rotello at the University of Massachusetts, to develop nanoscale delivery agents that are programmed to enhance the body's own immune response to combat cancers. Jessica will optimise methods to deliver therapeutic proteins to macrophage cells, which are a key component of the immune system, and have a dual role influencing tumour growth and progression. Jessica will use her Fulbright Scholarship to establish critical collaborative links between the U.S. and Australia, and bring knowledge and experience in protein delivery and macrophage editing back to UWA and HPIMR.



**Dr Giri Krishnan**  
Fulbright South Australia Scholar

**HOME:** Department of Otolaryngology, The University of Adelaide  
**HOST:** Department of Otolaryngology, Stanford University

**FIELD:** Head and Neck Surgery

Giri is an Ear, Nose and Throat, Head and Neck Surgical trainee. He completed his medical degree at the University of Adelaide in 2013 and a Master of Clinical Science at the Joanna Briggs Institute in 2017. He is currently undertaking a PhD at the University of Adelaide, as part of a surgeon-scientist training program, investigating the application of novel nanoparticles to advance diagnosis and treatment of patients with head and neck cancer.

As part of his Fulbright scholarship, Giri will work in the Rosenthal Laboratory at Stanford evaluating the use of advanced magnetic nanotracers for molecular imaging to identify microscopic metastatic cancer deposits in a mouse head and neck cancer xenograft model. He will also be involved in clinical trials studying the use of fluorescent probes for real-time optical imaging during head and neck surgery.



**Peerce McManus**  
Fulbright Postgraduate Scholar

**HOME:** School of Law, University of New South Wales

**HOST:** Harvard Law School

**FIELD:** Law and Social Justice

Peerce earned a BA/LLB from UNSW in 2014 and since that time has practiced as a lawyer with Legal Aid NSW in their human rights and coronial inquest teams. Throughout 2017, Peerce was a Federal Court Associate to the Hon. Justice Perry. Peerce has also worked in native title law and policy in the Kimberley and is involved in youth justice issues in his local community.

Having been exposed to the real practical challenges of 'coalface' lawyering, Peerce will use his Fulbright Scholarship to undertake a Masters of Law at Harvard University focussing on law and social justice and how law and policy can be better designed to improve access to justice for vulnerable persons. Peerce hopes to make the most of Harvard's interdisciplinary approach to legal education as he believes that multifaceted challenges to social justice in Australia necessarily require dynamic multifaceted solutions which will in turn allow for more effective change in this space.



**Karri Neldner**  
Fulbright Postgraduate Scholar

**HOME:** School of Psychology, University of Queensland

**HOST:** National Center for Chimpanzee Care/MD Anderson Center

**FIELD:** Psychology

Karri is undertaking a PhD examining the origins of tool creation and innovation at the University of Queensland, Australia. In her PhD, Karri has investigated how young children in different cultures create new tools to solve problems on their own. This research has led Karri to South Africa, Vanuatu and Indigenous and non-Indigenous communities in Australia to explore children's tool innovation and development, in order to build understanding of the mechanisms driving a defining feature of our species.

Karri will use her Fulbright Scholarship to visit the University of Texas, Austin, and the National Centre for Chimpanzee Care at the Keeling Centre for Comparative Medicine and Research. She will examine our closest living relative, the chimpanzee, to better understand the evolutionary history of our tool making abilities. Chimpanzees can be more inventive with tool making than the average human child, so examining their behaviour may provide clues as to where children struggle to act creatively when designing tools. Learning more about the building blocks that lead to tool innovation will help determine how young children's creativity and innovation might be fostered and encouraged.



**Dr Sriram Rao**  
Fulbright Postgraduate Scholar (W.G. Walker)

**HOME:** St Vincent's Clinical School, University of New South Wales

**HOST:** University of Pennsylvania

**FIELD:** Cardiology

Sriram is a practising cardiologist, working in the advanced heart failure and heart transplant unit at St Vincent's Hospital in Sydney, and is a PhD candidate with the University of New South Wales. His particular field of interest is in the management of patients with heart failure requiring advanced support with implantable mechanical heart pumps, known as Left Ventricular Assist Devices (LVAD). Sriram's research will focus on the alterations in blood flow to the brain that occur with LVAD support, in particular looking at biochemical, physiologic and anatomical differences based on underlying patient characteristics and treatments.

Sriram will be hosted at the University of Pennsylvania, and will initiate a collaborative research program with the Mechanical and Circulatory Support Unit of the Hospital of the University of Pennsylvania. This collaboration will allow for a larger and more diverse range of patients to study, which will in turn lead to clinically significant results.



**Dougal Robinson**  
Fulbright Postgraduate Scholar

**HOME:** United States Studies Centre, University of Sydney/Department of Foreign Affairs and Trade (DFAT)

**HOST:** TBC

**FIELD:** Public Policy

Dougal is a Research Fellow at the United States Studies Centre, employed on secondment from DFAT. Dougal's research and writing on U.S. foreign policy, U.S. politics and the U.S.-Australia alliance have featured in Australia's major national newspapers, and his analysis has been quoted by international outlets including the Financial Times and the New York Times. At DFAT, Dougal worked on Australia's bilateral relationship with both the United States and China. Dougal holds a BA with First Class Honours from the University of Sydney.

As a Fulbright Scholar, Dougal will undertake a Master in Public Policy degree in the United States. He will study Asian security and economics, particularly the U.S.-China relationship and the long-term implications of China's growing power and a relative decline in U.S. influence in Asia. Dougal hopes to work in both public service and expert analysis roles during his career, as Australia seeks to balance its strategic and economic interests in increasingly challenging circumstances.



**Lily van Eeden**  
Fulbright New South Wales Scholar

**HOME:** Faculty of Science, The University of Sydney  
**HOST:** The University of Washington

**FIELD:** Human-Wildlife Conflict

Lily investigates the human dimensions of wildlife management. For her PhD research, she focuses on the conflict between livestock production and one of Australia's largest predators, the dingo. The Australian agriculture industry invests millions of dollars annually in dingo control, despite little evidence that current management methods are effective at reducing livestock loss and limited understanding of the consequences of these practices for ecosystems. Lily seeks to discover what shapes our dingo management strategies and how they can be improved for the benefit of farmers and the environment.

For her Fulbright Scholarship, Lily will collaborate with researchers in the University of Washington's Predator Ecology Lab. Her research there will compare the Australian and American contexts, providing an opportunity for Australia to learn from the experiences of ranchers who live alongside large predators including wolves, mountain lions, and bears.



**Hayden Wilkinson**  
Fulbright Postgraduate Scholar

**HOME:** Research School of Social Sciences, Australian National University  
**HOST:** Department of Philosophy, Princeton University

**FIELD:** Philosophy

Hayden is a PhD candidate at the Australian National University's School of Philosophy. His research focuses on ethics and on the ethical theories by which we might evaluate everyday moral decisions. In particular, it has recently been found that many ethical theories encounter problems when faced with the physical reality of our universe - a universe which, according to modern physics, is likely both infinite and relativistic. These problems with our ethical theories threaten to undermine much of our practical moral decision-making. In addition, if solutions to these problems are to be had, the nature of those solutions may have significant ramifications for our everyday moral judgements.

Hayden's research aims to develop solutions to these problems. While based at Princeton University, with the support of the Fulbright Postgraduate Scholarship, he will have the opportunity to work with some of the world's leading philosophers to do just that.

## 2017 AMERICAN FULBRIGHT SCHOLARS

### Distinguished Chair

Moeness Amin  
Ross Anadel  
Jean Lau Chin  
Allison Macfarlane  
Armin Moczek  
Johan Wiklund  
Bradford Burke Worrall

### Senior Scholars

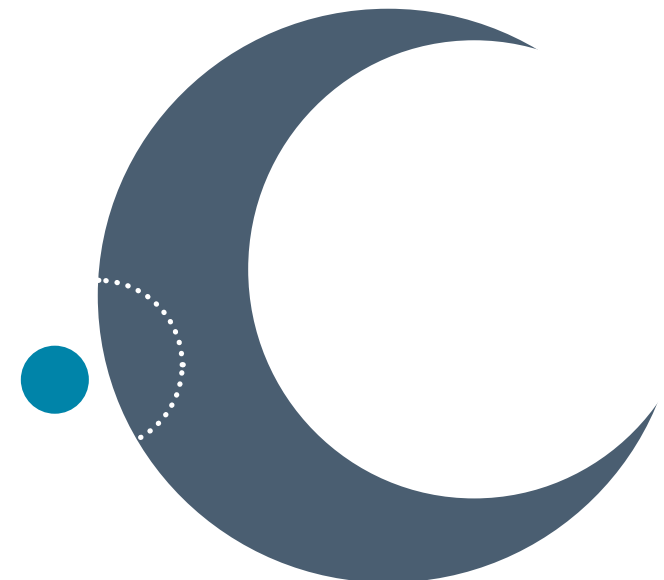
Kimberley Frederick  
Amy Hessel  
Stefan Paula  
Seth Rasmussen  
Jaime Schultz  
Amal Trivedi  
Deborah Widiss  
Marcia Zug

### Postgraduate Scholars

Andrea Sylvia Biscoveanu  
Turner Block  
Rachel Buissereth  
Noah Dylan Johnson  
Maureen Kessler  
Victor Anthony Lopez-Carmen  
Caroline Park  
Michael Raitor  
Jessa Thurman

### Global Scholar

Susan Sharfstein





**Professor Moeness Amin**

Fulbright Distinguished Chair in Advanced Science and Technology

**SPONSOR:** Australian Government, Defence Science & Technology Group (DST Group)  
**HOME:** College of Engineering, Villanova University  
**HOST:** DST Group  
**FIELD:** Radar and Signal Processing

Moeness is the Director of the Center for Advanced Communications at Villanova University, Pennsylvania. His research spans the area of signal analysis and processing with applications to wireless communications, radar, sonar, satellite navigations, healthcare, and ultrasound. His current research focus is radar signal processing, including urban radar, Over-the-Horizon radar, automotive radar, passive radar, ground penetrating radar, and radar for indoor monitoring. Moeness is the recipient of the German 2016 Humboldt Prize and the British 2016 IET Achievement Medal. He also received Technical Achievement Awards from the IEEE Signal Processing Society and the European Association for Signal Processing.

During his five-month visit to DST Group, Australia, Moeness will work on the problem of co-existence between radar and communications systems where both services operate concurrently within the same frequency bandwidth. In collaboration with his host, he will develop algorithms enabling dual system functionality using the same platform.

**Professor Ross Andel**

Fulbright Distinguished Chair in Arts, Humanities and Social Sciences

**SPONSOR:** Australian National University (ANU)  
**HOME:** School of Aging Studies, University of South Florida  
**HOST:** Centre for Research on Ageing, Health, and Wellbeing, ANU  
**FIELD:** Gerontology

Ross completed his Ph.D. in Gerontology at the University of Southern California in Los Angeles in 2003. He is currently Professor in the School of Aging Studies and Director of Ph.D. in Aging Studies program. He is also a Senior Researcher in the International Clinical Research Center at the St. Anne's University Hospital in Brno, Czech Republic, and Professor in the 2nd Medical Faculty at Charles University in Prague, Czech Republic. In his research, Ross has mainly focused on the examination of risk factors for cognitive decline and dementia and finding tools for early detection of cognitive impairment. To date, he has published over 130 articles peer-reviewed scientific journals and several book chapters.

Ross will use his time at the Australian National University to expand his research on how occupational characteristics (work complexity, work stress, occupational status) influence cognitive changes during and after retirement.

**Professor Jean Lau Chin**

Fulbright Distinguished Chair in Cultural Competence

**SPONSOR:** National Centre for Cultural Competence (NCCC), The University of Sydney  
**HOME:** Derner Institute for Advanced Psychological Studies, Adelphi University  
**HOST:** NCCC  
**FIELD:** Psychology

Jean is Professor at Adelphi University. Her career as a psychologist includes leadership roles in academia as Dean at Adelphi University and Alliant International University, and in health/mental health care as Executive Director at South Cove Community Health Center, and the Thom Clinic. She currently serves as the Council Leadership Team Chair and is on the Board of Directors of the American Psychological Association. She is also President, International Council of Psychologists. Her scholarship on diversity, cultural competence, leadership, Asian American, and women's issues includes 18 books and numerous publications and talks.

Her research will examine leadership and cultural competence amidst rapid social change and growing population diversity. She sees this as more important than ever as the 21st century brings about rapid social change within an increasingly global and diverse society. She will also work on leadership development for indigenous Aboriginal and Torres Strait Islander women in Australia.

**Dr Allison M. Macfarlane**

Fulbright Distinguished Chair in Applied Public Policy

**SPONSOR:** Flinders University/Carnegie Mellon University Australia  
**HOME:** George Washington University  
**HOST:** Flinders University/Carnegie Mellon University Australia  
**FIELD:** Public Policy

Allison is currently Professor of Science Policy and International Affairs at the George Washington University and Director of the Institute for International Science and Technology Policy. She served as Chairman of the U.S. Nuclear Regulatory Commission from July 2012 through December 2014. She holds a PhD in geology from the Massachusetts Institute of Technology and a BSc degree in geology from the University of Rochester. Her research has focused on the siting of nuclear waste facilities, nuclear safety and security, and nuclear nonproliferation. She served on the Blue Ribbon Commission on America's Nuclear Future, created by the Obama Administration to recommend a new national policy on high-level nuclear waste. She is editor of *Uncertainty Underground: Yucca Mountain and the Nation's High-Level Nuclear Waste* (2006).

Allison plans to research South Australia's foray into international nuclear waste disposal while at Flinders University.



**Dr Armin Moczek**

Fulbright Distinguished Chair in Science, Technology and Innovation

**SPONSOR:** CSIRO

**HOME:** Department of Biology, Indiana University

**HOST:** Research School of Biology, ANU and CSIRO

**FIELD:** Evolutionary Biology

Armin received his PhD from Duke University, NC, USA, and is currently a Professor of Biology at Indiana University, Bloomington. He is a fellow of the American Association for the Advancement of Science (AAAS) and the John Simon Guggenheim Memorial Foundation. His research focuses on the very early stages of innovation in evolution, and the interplay between genetics, development, and ecology in facilitating major innovations and transitions in evolution. He is also a co-leader of an international effort to expand traditional perspectives on what determines speed and direction in evolution to incorporate recent advances in the fields of evolutionary developmental biology, developmental plasticity, non-genetic inheritance, and niche construction.

During his time in Australia, Armin will work at the Research School of Biology at the Australian National University and CSIRO to further advance such a synthesis through both conceptual collaborative efforts as well as empirical work on Australian insects.



**Professor Johan Wiklund**

Fulbright Distinguished Chair in Entrepreneurship and Innovation

**SPONSOR:** RMIT University

**HOME:** Whitman School of Management, Syracuse University

**HOST:** RMIT University

**FIELD:** Entrepreneurship

Johan is the Al Berg Chair and Professor of Entrepreneurship at Whitman School of Management, Syracuse University. His research interests include entrepreneurship and mental health as well as the entry, performance, and exit of entrepreneurial firms. He is considered a leading authority in entrepreneurship research with over 60 articles appearing in leading entrepreneurship and management journals and over 18,000 citations. He is incoming Editor-in-Chief for Entrepreneurship Theory and Practice, and previously editor for Journal of Business Venturing and Small Business Economics. A prolific advisor of Ph.D. students, he received the Academy of Management Entrepreneurship Division Mentor Award in 2011.

While at RMIT, Johan will examine the link between symptoms of mental disorders and entrepreneurial practices and outcomes. More specifically, he will focus on ADHD, bipolar, and dyslexia symptoms on the one hand, and entrepreneurial orientation, leadership style, strategies, and success/failure on the other.



**Professor Bradford Burke Worrall**

Fulbright Distinguished Chair in Health

**SPONSOR:** The University of Newcastle

**HOME:** School of Medicine, University of Virginia

**HOST:** The University of Newcastle

**FIELD:** Neurology

Brad is Harrison Distinguished Teaching Professor at the University of Virginia. During his research career, he has built cross-disciplinary and cross-institutional bridges focused on genetics to help understand risk and the underlying pathophysiology in stroke and other cerebrovascular diseases. He is a founding member of the International Stroke Genetics Consortium (ISGC). He has worked on harmonization of phenotyping focused on consistency, translation, and scalability. Over the past twenty years, he has nurtured and built a framework for collaboration nationally and internationally in the era of collaborative science. One of his roles within his department, the American Academy of Neurology, and the ISGC is that of mentor and sponsor for junior investigators.

As part of the diplomatic mission of the Fulbright program, he envisions continuing that role with scientists, clinician-investigators, and other researchers in Newcastle and Australia while learning through this academic and cultural exchange. During his tenure in Newcastle, Brad will work to refine and improve the tools to know 'what kind of stroke' for both research and clinical purposes.



**Professor Susan Sharfstein**

Fulbright Global Scholar

**HOME:** SUNY Polytechnic Institute, Albany, New York

**HOST:** Australian Institute for Bioengineering and Nanotechnology The University of Queensland

**FIELD:** Biochemical Engineering

Susan is a Professor of Nanobioscience at SUNY Polytechnic Institute in Albany, New York. Professor Sharfstein received her B.S. in chemical engineering with honors from Caltech and her Ph.D. in chemical engineering from UC Berkeley. Professor Sharfstein's research interests include mammalian and microbial cell bioprocessing, control of protein glycosylation, metabolic engineering and biosensing.

Susan is the recipient of a Fulbright Global Scholar award and will be spending her sabbatical at Dublin City University, performing proteomic analysis of Chinese hamster ovary cells (the workhorse of the biotechnology industry) and at the University of Queensland's Australian Institute for Bioengineering and Nanotechnology (AIBN), studying bispecific antibodies. Bispecific antibodies represent a new class of therapeutic proteins with the potential to dramatically improve cancer treatment, but presenting new challenges in protein production, which will be the focus of her research at AIBN.



**Professor Kimberley Frederick**  
Fulbright Senior Scholar

**HOME:** Department of Chemistry,  
Skidmore College  
**HOST:** Centre for Research on Separation  
Science, University of Tasmania  
**FIELD:** Separation Science

Kim earned her BA at Lawrence University in 1991, her PhD in analytical chemistry at Purdue University in 1996. She conducts research in separation science and spectroscopy with an emphasis on forensics, medical diagnostics and environmental testing technology. Her research, which is conducted with her undergraduate students, focuses on developing low cost technologies which can be used by non-technical personnel with minimal training. Specifically, they develop paper-based tests that can be used for disease and water contamination detection using a cell phone camera. Their work has resulted in numerous publications and grants in the areas of Raman spectroscopy and capillary electrophoresis. Kim also teaches courses in analytical and general chemistry.

While in Australia, Kim will work, in collaboration with Prof. Michael Breadmore, to develop an autonomous instrument that can be used to monitor sources of water contamination. Of particular interest are compounds, such as iodide and bromide, that indicate contamination from oil and gas drilling into natural bodies of water.



**Dr Amy E. Hessel**  
Fulbright Senior Scholar

**HOME:** Department of Geology and  
Geography, West Virginia University  
**HOST:** Antarctic Climate and Ecosystems  
CRC, University of Tasmania  
**FIELD:** Paleoclimate

Amy studies the environmental histories stored in the rings of ancient trees. She has researched the history of fire and climate in the western United States, eastern North America, and Mongolia. Amy's work on the climate of the Mongol Empire received international attention in the press including articles in *The Economist*, *The New York Times*, and *The LA Times*. More recently, Dr. Hessel, in collaboration with scientists at the University of Melbourne, has developed climate records for southern Australia using Tasmanian conifers.

Amy will extend her work on the history of climate in southern Australia by collaborating with Dr. Tessa Vance at ACE-CRC in Hobart, Tasmania. Dr. Vance's research on the climate history of southern Australia using ice cores is the ideal counterpoint to the tree ring records and together their work has the potential to improve our understanding of decades-long changes in climate from both natural and anthropogenic causes.



**Professor Stefan Paula**  
Fulbright Senior Scholar

**SPONSOR:** The University of Newcastle  
**HOME:** Purdue University  
**HOST:** The University of Newcastle  
**FIELD:** Drug Discovery

Stefan is an Associate Professor of Practice in the Department of Chemistry at Purdue University. He is a biochemist who works in the area of computer-assisted drug discovery.

As a Fulbright Senior Scholar, he will conduct research on a joint project with Professor Adam McCluskey's group at the University of Newcastle on the development of new drugs to combat breast cancer. Stefan will develop computational models that predict the behavior of drug-like molecules inside cancer cells. Promising candidates will then be synthesized and tested in bioassays by the McCluskey group. Stefan is eager to learn more about modern synthetic aspects of drug design and establish new professional connections with Australian researchers. His stay in Newcastle will be the start of a new, long-term collaboration between his and Adam McCluskey's research teams.



**Professor Seth C. Rasmussen**  
Fulbright Senior Scholar

**HOME:** North Dakota State University  
**HOST:** Centre for Organic Electronics,  
The University of Newcastle  
**FIELD:** Materials Chemistry

Seth received a B.S. in chemistry from Washington State University in 1990 and a Ph.D. in inorganic chemistry from Clemson University in 1994. He then studied conjugated organic polymers as a postdoctoral associate at the University of Oregon in 1995. He accepted a teaching position at Oregon in 1997, before moving to North Dakota State University in 1999. Active in both materials chemistry and the history of chemistry, his research includes the design and synthesis of organic semiconducting materials, solar cells, organic light emitting diodes, the history of materials, and chemical technology in antiquity. He has contributed to books in both materials and history, and has published more than 95 research papers and book chapters.

At Newcastle's Centre for Organic Electronics, Seth will study the application of new semiconducting polymers (plastics) to organic solar cells and near-infrared photodetectors in order to develop new beneficial technologies for society.





**Professor Jaime Schultz**  
Fulbright Senior Scholar

**SPONSOR:** University of Technology  
Sydney (UTS)

**HOME:** Pennsylvania State University  
**HOST:** UTS

**FIELD:** Kinesiology, History, and  
Women's Studies

Jaime earned a BA in English and Spanish from Luther College (Decorah, Iowa), and a PhD in Cultural Studies from the University of Iowa. She is an associate professor of Kinesiology and Women's, Gender, and Sexuality Studies at Pennsylvania State University. Jaime specializes in sport history, with a particular focus on gender, sexuality, and racial politics.

She will use her time at the University of Technology, Sydney to pursue research that considers the interactions between culture and sporting bodies.



**Professor Amal Trivedi**  
Fulbright Senior Scholar

**HOME:** Brown University School of Public  
Health/Providence VA Medical Center

**HOST:** Melbourne School of Population  
and Global Health, University  
of Melbourne

**FIELD:** Public Health

Amal is Associate Professor of Health Services, Policy and Practice at Brown University and a Research Investigator at the Providence VA Medical Center. He is a general internist and health services researcher whose work focuses on measurement of quality in health care, racial and socioeconomic disparities in health care, and the effects of federal and state health policies on vulnerable populations. Amal's research has been published in Health Affairs, JAMA, Annals of Internal Medicine, and the New England Journal of Medicine. He directs Brown University's doctoral program in health services research and a VA post-doctoral fellowship; and teaches courses on quality measurement and health services research methods for graduate students.

During his Fulbright Scholarship, Amal will collaborate with colleagues at the University of Melbourne to evaluate the impact of the Australian government's efforts to close Indigenous health disparities.



**Professor Deborah Widiss**  
Fulbright Senior Scholar

**HOME:** Maurer School of Law,  
Indiana University

**HOST:** Centre for Employment and  
Labour Relations Law,  
Melbourne Law School

**FIELD:** Law

Deborah is a Professor of Law and Ira C. Batman Faculty Fellow at the Indiana University Maurer School of Law. Her recent research has focused on pregnancy discrimination, same-sex marriage, and the intersection between domestic violence and employment. Her work has appeared in leading law reviews, and she has received several awards for her scholarship. She has also been consulted as an expert on these subjects by numerous media outlets, including the New York Times and the Washington Post.

As a Fulbright scholar, Deborah will be studying Australia's support for workers who are also juggling family responsibilities. Her research will focus on Australia's recently-enacted paid parental leave scheme and other legal supports, such as paid time off to care for family members and a right to request a flexible working schedule, that are unavailable in the United States. Deborah plans to use semi-structured interviews with stakeholders to learn about Australia's legal reforms in this area and consider the lessons they may hold for policy makers and researchers in the United States.



**Professor Marcia A. Zug**  
Fulbright Senior Scholar

**SPONSOR:** University of Canberra  
**HOME:** School of Law, University of  
South Carolina

**HOST:** School of Law & Justice,  
University of Canberra

**FIELD:** Law and Philosophy

Marcia is Professor of Law at the University of South Carolina. She teaches Family Law, Immigration Law, and American Indian law. Her work focuses on the treatment of Native American families and the removal of Indian children. In the United States, she has worked with national organizations, such as the National Indian Child Welfare Association and The Center for Missing and Exploited Children, and individual Indian tribes.

Her Fulbright scholarship will be a comparative project examining the different ways the United States and Australia have responded to the removal of indigenous children. Despite a very similar history, the two countries have a fairly different approach to addressing the break up of native families. Marcia hopes her research will help identify the most effective aspects of these different methods and suggest new ways of reducing indigenous child removals. She looks forward to working with her Australian colleagues on these important issues.



**Andrea Sylvia Biscoveanu**  
Fulbright Postgraduate Scholar

**HOME:** The Pennsylvania State University  
**HOST:** School of Physics and Astronomy, Monash University and The ARC Centre of Excellence for Gravitational Wave Discovery, OzGrav  
**FIELD:** *Astrophysics*

Sylvia recently graduated from the Pennsylvania State University with degrees in Physics and Spanish and honors in astrophysics. During her undergraduate career, she conducted research on ultra high energy cosmic rays using data from the Pierre Auger Observatory and on gravitational waves using data from the Laser Interferometer Gravitational Wave Observatory (LIGO), presenting her research at conferences in Spain, Argentina, Australia, and the U.S.

Sylvia will continue her study of gravitational waves through her Fulbright Postgraduate Scholarship at Monash University, using advanced data analysis techniques to improve and expand current gravitational wave search pipelines, uncovering new information about astrophysical gravitational wave sources and testing our understanding of the fundamental theory of gravity. Following her time at Monash, Sylvia will continue her research with LIGO while pursuing a PhD in Physics at the Massachusetts Institute of Technology.



**Turner Block**  
Fulbright Postgraduate Scholar

**HOME:** College of Arts and Sciences, Fordham University  
**HOST:** School of Human Movement and Nutrition Sciences, University of Queensland  
**FIELD:** *Sport Psychology*

Turner earned her BS in psychology at Fordham University located in Bronx, New York in 2017. She spent her four years at Fordham as a member of the women's soccer team and was named Captain for her senior season. Off the field, she was a research assistant on numerous studies for the Department of Psychology. Additionally, she completed her Honors Thesis on athlete pre-screening mental health measures and their perceptions of the mental health services offered.

Turner will continue her research while at the School of Human Movement Studies at the University of Queensland in Brisbane, Australia. Her specific focus will be the athletic identity formation of Paralympic swimmers with cerebral palsy as they complete a performance-focused training program. She looks forward to learning more about how this information may be beneficial to an athlete's performance, and plans to bring these insights back to the U.S.



**Rachel Buissereth**  
Fulbright Postgraduate Scholar

**HOME:** Wiess School of Natural Sciences, Rice University  
**HOST:** ARC Centre of Excellence for Coral Reef Studies, James Cook University and CSIRO  
**FIELD:** *Environmental Science*

Rachel earned her BA from Rice University in 2017 in Environmental Science and Theatre. While the two fields seem unrelated, they intersect in her passion for public speaking, exchanging perspectives, and preserving a seemingly extinct culture: storytelling.

During her time in Australia, Rachel will conduct a transdisciplinary research project exploring different ways to break boundaries between environmental, technological, and social factors affecting indigenous peoples in the Fitzroy River Catchment. She will use various participatory methods, such as in-depth interviews, participatory 3-D mapping workshops, and participatory GIS mapping workshops, to create avenues of understanding between indigenous and scientific knowledge and to encourage informed decision making on future agricultural projects in the Fitzroy River Catchment. Through storytelling, Buissereth aims to facilitate conversation, collaboration, and the equitable sharing of knowledge between indigenous and non-indigenous peoples in Australia and in similar communities world-wide.



**Noah Dylan Johnson**  
Fulbright Postgraduate Scholar

**HOME:** University of Wisconsin at Madison  
**HOST:** ARC Centre of Excellence for Quantum Computation and Communication Technology, University of New South Wales  
**FIELD:** *Quantum Physics*

Noah recently earned his BS in physics and mathematics at the University of Wisconsin at Madison.

For his Fulbright Postgraduate Scholarship, Noah will work on a silicon-based quantum computing research project at the University of New South Wales (Sydney) in the laboratory of Professor Andrea Morello, the manager of the Quantum Spin Control program in the Centre of Excellence for Quantum Computation and Communication Technology (CQC2T). Noah's research will focus on developing and testing the "flip-flop qubit", a novel form of quantum bit, which is the basic building block of a quantum computer. A quantum computer is a newly theorized computing system that utilizes the laws of quantum physics to store and manipulate information in a different way than classical computers. This research will give Noah the opportunity to contribute to the development of a novel quantum object from inception and the unique chance to act as ambassador between the silicon quantum computing communities in the U.S. and Australia.



**Maureen Kessler**  
Fulbright Postgraduate Scholar

**SPONSOR:** Western Sydney University (WSU)  
**HOME:** Montana State University  
**HOST:** Hawkesbury Institute for the Environment, WSU  
**FIELD:** Ecology

Maureen is pursuing a PhD in Ecology and Environmental Sciences at Montana State University.

As a Fulbright Postgraduate Scholar, she will use modelling and field-based methods to study the disease ecology of Hendra virus. The virus circulates in Australian flying foxes, but cross-species transmission results in sporadic fatal disease in horses and humans. Recently, risk has increased following widespread urbanization of the inherently migratory bats, likely in response to habitat loss. These trends raise a number of conservation concerns for flying foxes, which are critically important pollinators and seed dispersers. In collaboration with Dr. Hamish McCallum at Griffith University, Maureen will work with Dr. Justin Welbergen at Western Sydney University to understand how changes in food availability and nutrition alter the foraging behavior of flying foxes, driving urban habituation and Hendra virus spillover. Understanding the ecological drivers of urban habituation will inform effective management strategies designed to simultaneously protect flying foxes and mitigate disease risk.

**Victor Anthony Lopez-Carmen**  
Fulbright Postgraduate Scholar

**SPONSOR:** Western Sydney University (WSU)  
**HOME:** Ithaca College  
**HOST:** Department of Aboriginal and Torres Strait Islander Leadership, WSU  
**FIELD:** Indigenous Health

Victor earned a B.S. degree (Health Sciences and Chemistry) with honors from Ithaca College in May, 2017. As an enrolled member of the Crow Creek Sioux and Yaqui tribes, he has a strong will to utilize his background in health and science to serve Indigenous Peoples globally.

Through his Fulbright award, Victor will work with Aboriginal health researchers at Western Sydney University to study and improve upon the effectiveness of initiatives that support Aboriginal sociocultural health in boarding schools. Using an array of quantitative tools paired with in-depth qualitative interviews, he will articulate authentic student journeys to boarding schools and the resources, including family, school, cultural, and health services which have supported them in these journeys. The results will be analyzed to help determine where current interventions can be enhanced to better address the mental health needs of Indigenous boarding school students at all levels.

**Caroline S. Park**  
Fulbright Anne Wexler Scholar in Public Policy

**SPONSOR:** Australian Government, Department of Education & Training  
**HOME:** Harvard University  
**HOST:** Doherty Institute, University of Melbourne  
**FIELD:** Public Health

A native of Whippany, New Jersey, Caroline received her undergraduate education at Harvard University in Human Developmental and Regenerative Biology, with a secondary field in Economics. During her undergraduate years, Caroline studied metabolic syndrome at the Cowan Laboratory of the Harvard Stem Cell Institute. As a Herchel Smith Fellow in 2016, she researched the effects of maternal malnutrition on fetal development. An avid traveler, Caroline has also worked on various humanitarian projects throughout Southeast Asia and southern Africa.

For her Fulbright Anne Wexler Scholarship, Caroline will pursue a Master of Philosophy in Medicine at the University of Melbourne. She will conduct research at the intersection of climate change and public health, specifically focusing on how vulnerable populations respond to climate-influenced food insecurity.

**Michael Raitor**  
Fulbright Postgraduate Scholar

**HOME:** Stanford University  
**HOST:** Graduate School of Biomedical Engineering, University of New South Wales  
**FIELD:** Biomechanical Engineering

Michael completed his B.S. in Biomechanical Engineering at Stanford University in June of 2017. His undergraduate research in the CHARM Lab focused on haptic feedback for medical devices.

Michael will use his Fulbright Postgraduate Scholarship to spend 10 months at the University of New South Wales (UNSW) working with Professor Nigel Lovell. At UNSW, Michael will develop methods to prevent fall-related injuries in the elderly and motor-impaired. He will use the time in Australia to create new professional networks in the fields of biomechanics and medical devices, and begin a collaborative research project between Stanford University and UNSW focused on preventing fall-related injuries.



**Jessa Thurman**  
Fulbright Postgraduate Scholar

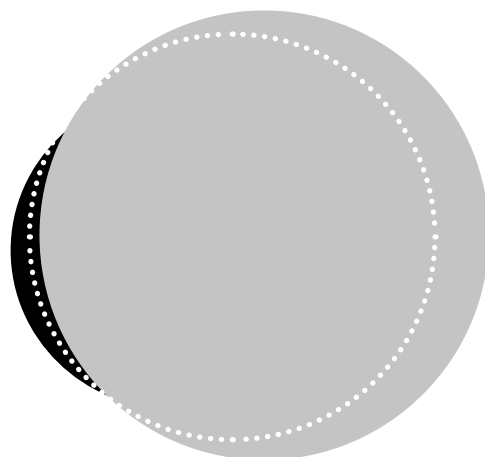
**HOME:** Washington State University, Pullman

**HOST:** James Cook University, Cairns

**FIELD:** Entomology

Jessa is a PhD student at the Department of Entomology, Washington State University, Pullman.

During her Fulbright Postgraduate Scholarship, Jessa will study the use of the *Anastatus* wasp as a biological control agent for pests in Macadamia farms near Brisbane, Australia. This research project will include a new species description of the wasp and a study of the ecology of both the raised and wild varieties of this wasp. Insights from this project will extend into her research on the use of parasitoid wasps and hopefully guide the development of new biological control agents. Jessa aspires to improve our usage of biological control agents to regulate pest populations in crops by understanding how these insects and other arthropods interact with pests and the environment. These studies may also be based on insights from land managers. This combination of research interests should improve overall execution of biological control on farms globally. These interests will be pursued throughout the completion of her PhD in Entomology and possibly furthered as a professor.



## SCHOLARSHIPS FUNDED THROUGH FULBRIGHT PARTNERSHIPS

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, individual donors and government agencies.

### FULBRIGHT PARTNERSHIPS WITH UNIVERSITIES



The **Fulbright Distinguished Chair in Agriculture and Life Sciences** and **Fulbright Senior Scholarship** (Sponsored by Kansas State University) provide unparalleled support to the development of key research areas. These scholarship opportunities allow senior academics to undertake diverse programs of research at Kansas State, leading to ongoing bilateral collaborations and partnerships.



The **Fulbright Distinguished Chair in Cultural Competence** and the **Fulbright Postdoctoral Scholarship in Cultural Competence** are sponsored by the National Centre for Cultural Competence (NCCC) at the University of Sydney. The NCCC was specifically established within the University of Sydney to foster scholarship and research in the translation of cultural competence, an area of increasing academic interest.



The **Fulbright Distinguished Chair in Applied Public Policy** (Sponsored by Flinders University and Carnegie Mellon University-Australia) allows distinguished academics to conduct collaborative research at both Flinders and CMU-A. The position is designed to increase the awareness of the field of applied public policy in Australia, and to promote comparative and collaborative research between Australia and the United States.



The **Fulbright Distinguished Chair in Arts, Humanities & Social Sciences** (Sponsored by the Australian National University) is open to distinguished U.S. academics at the level of Associate Professor and Professor, the Distinguished Chair position aims to promote collaborative research between faculty in Australia and the United States in the Arts, Humanities and Social Sciences at Australian National University.



The **Fulbright Distinguished Chair in Science, Technology & Innovation** (Sponsored by CSIRO) enables a U.S. senior academic to conduct innovative scientific research related to critical challenges facing the U.S. and Australia. The Commonwealth Scientific and Industrial Research Organisation (CSIRO) is Australia's leading multidisciplinary research organisation with a mission to deliver impact for the benefit of industry, society and the environment.



The **Fulbright Postdoctoral Scholarship** (Vice-Chancellor's Postdoctoral Fellow) (Sponsored by RMIT University) enables exceptional candidates to undertake research in the U.S, and provides the opportunity of a three-year Vice-Chancellor's Postdoctoral Fellowship at RMIT University. The linking of the RMIT University Fellowship is aimed at solidifying the relationship between RMIT University and the host U.S. institution.



The [Fulbright Distinguished Chair](#) and the [Fulbright U.S. Postdoctoral Scholarship](#) are sponsored by the University of Newcastle (UON). The awards were established to support the development of research within UON's areas of priority (known as Priority Research Centres). Awardees will contribute to various research areas, and assist the building of bilateral links between Australia and the United States.



The [Fulbright U.S. Senior Scholarship](#) (Sponsored by University of Technology Sydney) will promote the development of key research areas important to the bilateral relationship between the United States and Australia, including data science, sustainability, and health. UTS is a world-class research-intensive institution with a rapidly growing reputation for its research quality and impact across a wide range of fields.



The [Fulbright Distinguished Chair in Entrepreneurship & Innovation](#) (Sponsored by RMIT University) will enable exceptional senior scholars or professionals from the United States to undertake research and/or practice of importance to RMIT in the area of entrepreneurship and innovation. This position aims to promote collaboration between Australia and the U.S. to stimulate interest and build capacity in innovation and entrepreneurship.



The [Fulbright U.S. Senior Scholarship in Resources & Energy](#) (Sponsored by Curtin University) will enable exceptional U.S. scholars to undertake research of importance to the bilateral relationship between Australia and the United States in the areas of resources and energy. Curtin University is an internationally recognized leader in research related to geosciences and resource engineering.



The [Fulbright U.S. Senior Scholarship](#) (Sponsored by the University of Canberra) will enable exceptional U.S. scholars to undertake research in areas including environment, governance, health, sport, education and communication. The University of Canberra has a strong commitment to integrated learning and specializes in professional education and applied research.



The [Fulbright U.S. Postgraduate Scholarship](#) (Sponsored by Western Sydney University) will enable exceptional Postgraduate students from the United States to undertake research of importance to the bilateral relationship in areas of focus for Western Sydney University including environment, public health, and creative/performing arts.



The [Fulbright Indigenous Scholarship](#) (Sponsored by the Australian Government, Department of the Prime Minister and Cabinet) was established to recognise indigenous leaders of any academic or professional background, providing opportunities to gain international perspectives and collaboration through study and research.

The [Fulbright Anne Wexler Scholarship in Public Policy](#) is sponsored by the Australian Government, Department of Education and Training. The award was established in 2009 to recognise the many contributions by Mrs Anne Wexler for her role in fostering Australian-American relations, supports public policy-related study in a number of key areas.

The [Fulbright Distinguished Chair in Advanced Science and Technology](#) (Sponsored by the Defence Science and Technology Group) aims to attract outstanding U.S. researchers to creating ongoing bilateral collaborations and develop skills and capabilities in emerging fields of science and technology

The [Fulbright Professional Scholarship in Vocational Education and Training](#) (Sponsored by the Australian Government, Department of Education and Training) is for professionals within the vocational education and training sector or training leaders in business and industry. It provides skills and knowledge for work through a national training system.

The [Fulbright Professional Scholarship in Australia-U.S. Alliance Studies](#) (Sponsored by the Australian Government, Department of Foreign Affairs and Trade) was established in 2001 to recognise the 50th anniversary of the ANZUS Treaty. The award aims to contribute in a practical way to contemporary Australian scholarship on the Australia-U.S. alliance.

The [Fulbright Scholarship in Australia-U.S. Alliance Studies](#) (Sponsored by the Australian Government Department of Foreign Affairs and the U.S. State Department) was announced by Australian Government Minister for Foreign Affairs Julie Bishop and the U.S. State Department as part of the 'First 100 years of Mateship campaign', marking a century of the Australia-U.S. partnership.

OTHER FULBRIGHT PARTNERSHIPS



Fulbright State/Territory Scholarships have been established for each State and Territory in Australia. These scholarships are supported by State/ Territory governments, companies, universities, and private donors. Their aim is to encourage research relevant to the State, and assist the building of international research links between each State and U.S. research institutions.

The Fulbright Professional Coral Sea Scholarship (Business/Industry) was originally established in 1992 by the Coral Sea Commemorative Council to recognise the 50th anniversary of the Battle of the Coral Sea. This scholarship supports bilateral academic or professional opportunities relevant to Australian industry or business.

The Fulbright Professional Scholarship in Non-Profit Leadership (Sponsored by Origin Foundation and supported by the Australian Scholarships Foundation) is specifically focused on the Not-for-Profit (NFP) sector in Australia. The scholarship provides an enrichment opportunity for an emerging leader in the charitable NFP sector.

NEW FULBRIGHT PARTNERSHIPS COMMENCING IN 2018/19



The Fulbright Postdoctoral Scholarship (Sponsored by Monash University) will be awarded to the most outstanding applicants and projects which directly address the grand challenges of our age, regardless of disciplinary background. In addition to academic merit, the projects must help strengthen the Australian bilateral relationship with the U.S.



The Fulbright U.S. Postdoctoral Scholarship (Sponsored by Deakin University) will enable exceptional U.S. awardees to develop projects which directly aim to make a difference to the community and industry through their research. Projects will be of high academic quality, align with Deakin's strengths, and create potential for enduring bilateral links with the U.S.



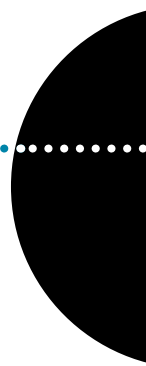
The Fulbright Future Scholarships (Sponsored by The Kinghorn Foundation) will enable exceptional Australians to develop projects which aim to make tangible impact to Australian society. The scholarships will cover living expenses, as well as U.S. tuition expenses.

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