



2015

Fulbright Australian Scholars and Students

2014

Fulbright U.S. Scholars and Students



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I am pleased to add my congratulations to all the Australian and United States Fulbright Scholars for 2015. It is wonderful to have you all here together and to begin your separate journeys together, with colleagues who will support you and understand the newness and challenges of the situations that you surely will encounter.

To bring you together in this way to launch your Fulbright experiences together, as opposed to separately on opposite side of the globe, has been an educational ambition, and a logistic problem, which has long occupied the hard working staff of the Commission and their Executive Director, Dr Tangerine Holt. It is a great pleasure to see this long-sought aspiration manifest in your presence here in Perth.

So I welcome the US scholars to Australia confident that you will have a wonderful experience "Down Under." And to the Australian scholars about to depart to the US I say congratulations on having earned the opportunity to explore such a fascinating and different culture and society. I hope each of you will correspond with your counterparts across the Pacific and write down your impressions of their land, their educational world, their culture and seek validation – or refinement – of those impressions. Remember that foreign visitors are sometimes the most acute observers of any society and let all participants learn from the impressions of others.

You will have plenty of support: each of you is now part of the Fulbright Family, a cross-generational and cross-national grouping of men and women who know the rewards and tribulations of the Fulbright journey.

I hope too that as you accept the praise and support of so many, you will also remember in name and face those who helped you achieve this high point of achievement and recognition. Do not look back with regret about a letter of appreciation not sent or a thank you not communicated. Pledge yourself to thank those who have made this possible for you.

And remember too, while so many have helped you get to this door and are there to support you as you walk through it, that you are, in another sense, now on your own. Many have helped open this door for you and many others will hold it open for you. But now you walk into this new room, full of strangers, alone. And now it is up to you to show them why so many have such great faith in you.

Welcome, bon voyage and my very best to each and every one of you.

Professor Don DeBats
Chair, Australian-American Fulbright
Commission Board





As we celebrate our 65th anniversary of bi-national partnership between Australia and the United States, it is my pleasure on behalf of the Australian-American Fulbright Commission to congratulate and welcome both the 2014 American Fulbright Scholars and the 2015 Australian Fulbright Scholars to a comprehensive orientation program together with an exceptional Fulbright Showcase and Presentation Dinner in Perth, Australia.

By bringing together both the Australian and American Scholars featured in the booklet, this event showcases the rich educational and cultural collaboration that has been built upon for the last 65 years. The scholarships offered to our Scholars are evidence of the qualities, brilliance and intention to make a significant contribution to the bi-national partnership and our broader society globally. To be a recipient of the Fulbright Scholarship is an honour. I reiterate that with great privilege comes great responsibility. You will be joining an exceptional Fulbright community made up of distinguished Alumni who have achieved much and continue to contribute to the Fulbright Program globally.

The Australian and American Governments continue to provide us with a funding platform to build the program through additional sponsorships with our key partners. 2015 will be just as successful for the Fulbright Program. I thank the Australian and American governments together with all our partners for their continued commitment. We are grateful for the dedicated support from our Commission staff, state secretaries, and selection committee members who will once again embark on an incredible process to ensure yet another successful outcome for the Fulbright Program.

My staff and I wish all our Scholars every success as they begin their Fulbright journey, translating their new knowledge for the betterment of our society.

With warm wishes,

A handwritten signature in blue ink that reads "Tangerine Holt". The signature is written in a cursive, flowing style.

Dr Tangerine Holt
Executive Director
Australian-American Fulbright
Commission

CONTENTS

THE AUSTRALIAN-AMERICAN FULBRIGHT PROGRAM	5
SCHOLARSHIPS FUNDED THROUGH FULBRIGHT PARTNERSHIPS	6
2015 FULBRIGHT AUSTRALIAN SCHOLARS AND STUDENTS	10-26
2014 FULBRIGHT U.S. SCHOLARS AND STUDENTS	27-35
PRESENTATION DINNER SPONSORS	36-39
FULBRIGHT SCHOLARSHIP SPONSORS	40-41



The Australian–American Fulbright Program

The Australian-American Fulbright Commission supports academic excellence, innovation and creativity through its Scholarship Program. The Commission, funded by the Australian and U.S. governments and a growing number of Scholarship Sponsors, is acknowledged nationally and internationally as a leader in academic and professional fields and has a distinguished sixty-five year history of strong governance and reaching its strategic goals.

There have been over 5000 Australian and American Fulbright Scholars supported to date by this internationally recognised program. The contribution these individuals have made to education, cultural understanding is significant.

The Commission could not deliver the Australian Fulbright Program to consistently high standards without the support and commitment of over 100 dedicated selection committee members, our Partners, Sponsors, and Alumni. The Commission currently has forty-five state-based Scholarship Sponsors consisting primarily of state governments and universities, and twelve other Scholarship Sponsors including the Australian Government, Australian Universities, the private sector and Kansas State University.

The added value brought by our Scholarship Sponsors and Partners makes the Australian-American Fulbright Commission unique amongst Commissions worldwide by having a broader funding base. These partnerships have enabled the program in Australia to be inclusive of all disciplines, to promote and practice diversity, and to support unique individuals at every career stage from Postgraduate to Distinguished Chairs. We offer four of only forty Fulbright Distinguished Chairs worldwide.

On 19 February 2015, at the Hyatt Regency in Perth, we will present the newest Australian and U.S. Scholars to the Fulbright Community at a Scholar Showcase and Presentation Dinner. Many of the Scholars are accomplished in their individual disciplines and fields, but the Fulbright Program offers a new experience. In alignment with the Fulbright mission and its focus on outreach, the Program reaches far beyond academic and professional collaborations. It offers a holistic experience of academic excellence, cultural exchange, social engagement, long-term collaborative partnerships. Most importantly the Fulbright name opens many doors for our new Scholars providing them with significant networking opportunities.

The Commission delivers an Orientation Program to Scholars each year providing them with an opportunity to showcase their work, engage with the Fulbright and broader communities and gain a deep understanding of the role and responsibility of serving as a Fulbright ambassador. The multiplier effect of this investment in education, research, and cultural exchange is returned in significant ways, and for that we are immensely grateful to our Sponsors and Partners.

In 2015 the Commission will continue to focus on partnerships and invites organisations and individuals from all sectors of the community to **Partner with Fulbright – Share in our Success and Invest in the Future.**

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-Flinders Distinguished Chair in American Political Science sponsored by Flinders University is for a leading U.S. professor to conduct collaborative research at the host institution, along with guest lectures at advanced undergraduate and postgraduate levels.

Kansas State University sponsors the Fulbright Distinguished Chair in Agriculture and Life Sciences and a Fulbright Senior Scholarship providing unparalleled support to the development of key agricultural research. It allows senior scholars with a notable career to undertake a program of research in the U.S.

The Fulbright Postdoctoral Scholarship in Cultural Competence is 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.

FULBRIGHT PARTNERSHIPS WITH GOVERNMENT ENTITIES

The Fulbright Distinguished Chair in Advanced Science and Technology was launched in 2011 at Parliament House. It brings to Australia an eminent U.S. Scholar to share knowledge and build links with Australian researchers in key issues facing both countries. It is sponsored by the Australian Government, Department of Defence, and the Defence, Science and Technology Organisation (DSTO).

The Fulbright Climate Change and Clean Energy Scholarship was established by the Australian and American governments in 2010 to increase bi-national collaboration addressing climate change.

The Fulbright-CSIRO Postgraduate Scholarship was established in 2009 to enable U.S. postgraduates to undertake research with the Commonwealth Scientific and Industrial Research Organisation (CSIRO). Successful applicants work on Australia's most ambitious scientific research program, the National Research Flagships.

The Professional Scholarship in Vocational 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 and is sponsored by the Australian Government, Department of Education and Training.

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. that advances the application of nuclear science and technology in areas as diverse as materials, health, climate change, mining and engineering.

The [Fulbright Indigenous Scholarship](#) was established to recognise indigenous leaders' commitment to achieving excellence, while seeking an international perspective and collaboration through study and research. It is sponsored by the Australian Government, Department of the Prime Minister and Cabinet.

Established in 2009 to recognise the many contributions by Mrs Anne Wexler for her role in fostering Australian-American relations, the [Fulbright-Anne Wexler Scholarship](#) is supported by the Australian Government, Department of Education and Training.

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

FULBRIGHT PARTNERSHIPS WITH STATE OR TERRITORY PUBLIC AND PRIVATE ENTITIES

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 state or territory governments, companies, universities, private donors and other stakeholders. Their aim is to encourage and profile research relevant to the state, and assist the building of international research links between each state and U.S. research institutions.

OTHER FULBRIGHT PARTNERSHIPS

The [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 is to support an opportunity relevant to Australian industry or business.

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

The [Gregory Schwartz Enrichment Grants](#) were established in 2006 by Claire and Steven Schwartz in memory of their son Gregory Schwartz; it aims to enrich the experience of Australian Fulbright Postgraduate Scholars in the US.

The [Australian Alumni \(WG Walker\) Scholarship Fund](#) was established in 1993 through generous donations from Fulbright Alumni. It is to recognise the highest ranked Australian Postgraduate Fulbright Scholar.

The [Fulbright Professional Playwriting Scholarship](#) was launched in 2013 by the Australian-American Fulbright Commission and Australian arts organization, Inscription. It is supported by Copyright Agency Ltd, The Australia Council Literature Board and the Friends of Inscription. This Scholarship is awarded to an established Australian playwright with a track record of professionally produced work.

2015 FULBRIGHT AUSTRALIAN SCHOLARS AND STUDENTS

Distinguished Chair

Anthony Maeder

Senior Scholars

Scott Chapman

Edward Lefroy

Timothy McCormack

Stuart Tangye

Jill White

Professional Scholars

Matthew Crowley

Michelle Deshong

Robert Fowler

Simon Jarman

Adam Lockyer

Sean O'Toole

Mark Putland

Annette Stewart

Postdoctoral Scholars

Emma Barrett

Renxun Chen

William Feeney

Gayle Maloney

Stephane Shepherd

Charis Teh

Postgraduate Students

Dylan Cronin

Isaac Donnelly

Joel Fuller

Kathleen Heath

Rachel Heenan

Dean Jarrett

Josiah Khor

Robert Marshall

Tracey Steinrucken

Briony Swire-Thompson

Kathryn Zealand

2014 FULBRIGHT U.S. SCHOLARS AND STUDENTS

Distinguished Chairs

Thad Kousser
Richard Ziolkowski

Senior Scholars

Barry Bradford
Christopher (Melvin) Jenks
Sally Lamping
Ruth Litovsky
Wendy Nembhard

Professional Scholar

Lane Burt

Postgraduate Students

Shelby Bieritz
Molly Clemens
Kerry Hamilton
Laura Hayward
Joseph Isaac
William Lempert
Ariel Marcy

DISTINGUISHED CHAIR



PROFESSOR ANTHONY JOHN MAEDER, PHD 2015 Fulbright Distinguished Chair in Agriculture and Life Sciences

Sponsored by Kansas State University (KSU)

Home: University of Western Sydney (UWS)

Host: Kansas State University

Anthony's research involves promoting healthy lifestyles in children and adolescents with benefits from multiple channels of intervention. Their affinity for use of mobile devices (like smart phones) and the appeal of social connectivity enabled by this environment offer opportunities for boosting engagement and adherence to more conventional approaches. The research project to be undertaken will investigate methods to develop purposeful mobile applications to support physical activity and nutrition programmes already underway with KSU collaborators, based on expertise gained in recent comparable programmes at UWS in Australia. Visits to other research groups when presenting public lectures elsewhere in the United States will enable broader interactions in this area.

SENIOR SCHOLARS

SCOTT CAMERON CHAPMAN, PHD

2015 Fulbright Senior Scholarship

Sponsored by Kansas State University

Home: Agriculture Flagship CSIRO and The University of Queensland

Host: Kansas State University (KSU)

As a crop physiologist, Scott enjoys trying to understand how plants 'work'. This helps plant breeders to develop better varieties for farmers to grow. His focus is on dryland crops, especially those subject to drought and heat, to try to determine how to select crops with the best growth characteristics and how the patterns of growth of leaves, roots and grains are best 'organised' over the season to efficiently use light, water and nutrients. The work involves detailed experiments to measure crop growth using basic tools (rulers and knives), and developing and applying new remote sensing methods (cameras, lasers, heat sensors) mounted on ground or aerial robots. During Scott's scholarship, he will undertake new research into how to best characterise wheat plants growth in response to field stress conditions. KSU is located in a low rainfall zone with some of the largest areas of wheat and sorghum production in the USA, the two crops that Scott works on in Australia. Although he has frequently worked with scientists in the region, this study period will help build new collaborations with KSU and other agricultural centres in the US into the future. It will also provide the opportunity to better understand how we can use plant breeding to improve adaptation to drought and heat conditions.



TED LEFROY, PHD

2015 Fulbright Tasmanian Senior Scholarship

Home: University of Tasmania

Host: University of Washington

At the University of Washington Ted hopes to achieve three things through his scholarship. First, to conduct research for an illustrated book '*The Rise of Ecology and the Myths of Nature*'. He would like to close the gap between perceptions of nature in the popular culture and concepts accepted within the scientific disciplines of ecology and conservation biology. Ted's contention is that this gap is currently limiting our ability to develop and implement effective environmental policy. The second objective is to critically test the ideas behind the book with scholars from a wide range of fields including history, sociology, philosophy, ecology and conservation biology. Ted's third objective is to learn about research methods and communication techniques being used in environmental history, the history and philosophy of science and other disciplines relevant to the communication of concepts in ecology.





TIM MCCORMACK

2015 Fulbright Senior Scholar

Home: University of Tasmania and The University of Melbourne

Host: The U.S. Naval War College, Newport

Tim has developed an international reputation for his expertise in International Humanitarian Law and in International Criminal Law. During Tim's Fulbright he will take up the position of Charles H Stockton Distinguished Scholar-in-Residence in the Stockton Center for the Study of International Law at the U.S. Naval War College in Newport, Rhode Island (August 2015 – June 2016). Following his Fulbright Scholarship Tim has also been appointed Visiting Professor at Harvard Law School to teach in the Winter Term (January 2016).



STUART TANGYE

2015 Fulbright Senior Scholarship

Home: Garvan Institute of Medical Research

Host: Rockefeller University, NY

The goal of the research performed in Stuart's lab is to make substantial discoveries in the regulation of normal immune cell function and to understand how defects in these processes cause the clinical features of human immunological diseases such as primary immunodeficiencies. Stuart's research to date has had significant success in these efforts – but the ultimate outcome will be to see this work have a lasting and substantial effect on human health. This will be achieved by acquiring the skills and know-how to discover novel disease-causing mutations, and deciphering how these errors in single genes result in human immunological diseases. The guidance and instruction provided by the host lab of Prof Casanova and his team will ensure the success of this endeavor, contributing to long-term interactions between the two labs and collaborative discoveries that result not only in new knowledge but novel approaches to treating patients with primary immunodeficiencies.

JILL FREDRYCE WHITE, PHD

2015 Fulbright Senior Scholarship

Home: The University of Sydney

Host: University of Pennsylvania

Jill's interest is in the influence of nursing on health policy. As Dean of the Faculty of Nursing and Midwifery at the University of Sydney until recently Jill has been involved in encouraging greater contribution of nurses to health policy debate and influence. During her Fulbright Scholarship Jill proposes to work with senior health policy scholars at the University of Pennsylvania (UPenn), School of Nursing and Wharton Business School, the Robert Wood Johnson Foundation, the World Bank, the American Academy of Nursing and the Institute of Medicine in Washington. Each of these institutions has a major role in either health policy development or in the capacity building of policy skills for senior nurses.

The focus of Jill's work is to gain a better understanding of the consequences of a global move away from social justice as the underpinning framework for health policy decision-making, to health as an economic good, and the import of this move for nursing and its role in improving health outcomes and patients experiences of health and illness.



PROFESSIONAL SCHOLARS



MATTHEW CROWLEY

2015 Fulbright Professional Coral Sea Scholarship

Home: Department of Commerce, Western Australia and The University of Western Australia

Host: Federal Trade Commission in Washington DC and New York City

Matthew will be joining the Federal Trade Commission at its headquarters in Washington DC as an International Fellow. This will provide him with an opportunity to examine first-hand one of the worlds leading and most sophisticated regulators, at a time in which the Global Financial Crisis has invited considerable public debate in the United States and Australia. This debate about regulators and regulatory systems has also focussed on the actual application of civil penalty litigation in the United States. Matthew will progress his doctoral work, a comparative analysis of civil penalty litigation in Australia and the United States, as a Visiting Scholar and hopes to meet with experts in New York who preside over some of the biggest civil penalty cases in the world. He also hopes to meet American colleagues interested in cooperating on a forum for United States – Australian comparative law.



MICHELLE DESHONG

2015 Fulbright Indigenous Professional Scholarship

Sponsored by Australian Government, Department of the Prime Minister and Cabinet

Home: James Cook University

Host: University of Arizona

Michelle will be working collaboratively with the Udall Center and Native Nations Institute to undertake a comparative analysis on First Nations women in governance roles. This will include the completion of an Indigenous Governance program at the University of Arizona. She will be working to identify best practice and key principles that contribute to effective nation building and link to areas of self-determination and decision making as underpinned by the *Declaration of Rights of Indigenous Peoples*. Michelle is eager to learn from an International gendered perspective on tribal leadership, native nations development and educational services between CANZUS countries. Michelle seeks to enhance the capacity to engage broadly and increase Indigenous knowledge and apply these principles to an Australian Context. Importantly the relationships established as part of the collaboration will lead to the development of new tools and resources to engage Indigenous women in areas of leadership and governance in Australia.

ROBERT JOHN FOWLER

2015 Fulbright Professional Scholarship in Climate Change and Clean Energy

Sponsored by the Australian and U.S. Governments

Home: University of South Australia

Host: George Washington University

Rob will investigate from an American perspective how the federal government collaborates with other levels of government (state, regional, local) to manage environmental challenges, with a particular focus on climate change and clean energy. His research will involve collaboration with some of the leading environmental law scholars in the USA who are based in or near Washington DC, and also consultations with senior administrators within the various levels of government for their perspectives on this subject. He looks forward to building a network of scholars interested in future collaboration from a comparative perspective on Australian and American approaches to environmental federalism.



SIMON JARMAN, PHD

2015 Fulbright Professional Scholarship

Home: Australian Antarctic Division, Australian Government Department of the Environment

Host: Center for Coastal Studies, Provincetown

Simon's Fulbright scholarship will allow him to work with whale ecologist Dr Jooke Robbins on the applications of population age structure information in whale ecology. Dr Robbins' work on the population of humpback whales in the Gulf of Maine. This population has been studied for many years and contains the largest number of whales that have a known age from being recognised visually when less than one year old and re-sighted in subsequent years. Samples from these known-age whales were essential for calibrating DNA-based methods for age estimation. Commercial harvesting of the Gulf of Maine humpback whales ceased in the early 1900s, whereas the east coast Australian whale fishery was still operating until 1962, which is within the 95 year lifespan of humpback whales. He will compare the population age structures found in both areas and relate the modern day age structures to differences in past whaling history.

This work will also provide a foundation for application of genetic methods for age estimation in other animal species. Simon intends to develop similar genetic age estimation methods for other long-lived wild animals such as albatross and penguins and to use the age information for population status monitoring.





ADAM LOCKYER, PHD

2015 Fulbright Professional Scholarship in Australian-United States Alliance Studies

Sponsored by Australian Government, Department of Foreign Affairs and Trade

Home: Macquarie University

Host: Georgetown University

The Fulbright Scholarship in Australian-U.S. Alliance Studies will provide Adam with an opportunity to pursue his research on the future of the alliance in the Indo-Pacific Arc region. The Indo-Pacific Arc is vital to both Australia and the United States. As such, at first glance, it would seem an ideal area for enhanced security cooperation. However, despite many voices of optimism, there are reasons to suspect that cooperation between the allies will be more challenging in the Indo-Pacific Arc than many assume. Australia and the United States have their own unique bilateral relations with many of the countries that constitute the Indo-Pacific Arc, including Indonesia, Singapore and Malaysia. Adam's research examines the compatibility of U.S. and Australian aims in the region within the context of their own diplomatic histories. He hopes his research will eventually inform both an article and chapter in his larger project on Australian defence strategy.



SEAN O'TOOLE

2015 Fulbright Professional Scholarship in Vocational Education and Training

Sponsored by Australian Government, Department of Education and Training

Home: NSW Department of Family and Community Services

Host: University at Albany, State University of New York

Sean's project aims to strengthen the capability and career options for Aboriginal people working in the human services sector. It builds on best practices in learning approaches and career development programs delivered via the National Child Welfare Workforce Institute (NCWWI) for indigenous people working in the social welfare context in the United States.

Detailed research into the success factors for the NCWWI's programs can be leveraged to enhance career development opportunities for Aboriginal Australians in human services. Furthermore, in the course of conducting this research and working collaboratively with the NCWWI, Sean believes there will be multiple opportunities to share insights, which will benefit practitioners in this field in both countries.

DR MARK PUTLAND

2015 Fulbright Professional Scholarship

Home: Emergency Medicine Training, Bendigo and Monash University

Host: The Hospital of the University of Pennsylvania Trauma Centre

Mark will travel to several American states to examine the ways they implemented the concept of a "model trauma system" to suit local needs. He will focus on identifying the features which are successful in some jurisdictions but absent in others. In this way he will gain a perspective that can inform the further evolution of Victoria's very successful trauma system. He hopes to bring back knowledge that could be applied in other Australian states and in other countries that are looking to develop their emergency care systems. Following his research term in the U.S., Mark will take up a sabbatical position at the National Trauma Research Institute at The Alfred Hospital in Melbourne where he aims to consolidate his work on the project.



ANNETTE STEWART

2015 Fulbright Professional Scholarship in Non-Profit Leadership

Sponsored by Origin Foundation and Supported by Australian Scholarships Foundation

Home: Bush Heritage Australia

Host: Conservation Measures Partnership

In recent years Annette's role at Bush Heritage Australia has provided the opportunity to leverage her skills in a field that she is passionate about – protecting Australia's plants and animals for future generations. In collaboration with her colleagues, she has been able to make significant improvements in the way they plan, implement and monitor their conservation work. Annette has also found innovative ways to connect their conservation projects and information into their other core business processes of financial management, people management, and fundraising. The result has been a significant improvement in the way they manage the business of conservation.

Annette's Fulbright project aims to develop a series of case studies. These case studies will help to demonstrate to the senior leadership of conservation and donor organizations the benefits obtained through systematic project planning and implementation, and the resultant improvements to business efficiency and effectiveness. The case studies will also highlight the barriers faced by organisations, providing a focus for further work to address these issues.

Annette is hoping that she will be able to develop new insights to empower conservation organisations around the world to achieve better protection for the world's wildlife and landscapes.



POSTDOCTORAL SCHOLARS



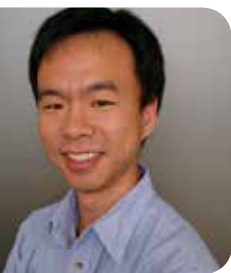
EMMA BARRETT, PHD

2015 Fulbright New South Wales Postdoctoral Scholarship

Home: The University of New South Wales

Host: Medical University of South Carolina

During her time at the Medical University of South Carolina, Emma aims to develop and test an integrated psychological treatment for co-occurring traumatic stress and substance use among adolescents. She will work closely with international experts in this area to share knowledge, advance clinical research and foster strong, long-lasting research collaborations. Given the severe and chronic mental health consequences associated with trauma, research on the development of effective, theory-driven treatments for adolescents is of paramount public health importance. Upon her return to Australia, Emma will share her experiences and new knowledge, maintain the cross-national collaborations, and will strive to become a recognised leader in comorbidity research.



RENXUN CHEN, PHD

2015 Fulbright Postdoctoral Scholarship

Home: The University of New South Wales

Host: Rutgers University

Building on the work of Prof Kathryn Uhrich's group at Rutgers University, Renxun's Fulbright project aims to develop a new dual action drug-releasing polymer that not only prevents increasingly hard-to-treat microbial infections, but also promotes wound healing and reduces inflammatory response. It is envisaged that this new therapy will become the gold-standard for infection prevention and wound management and revolutionise the biomedical devices industry. The potential outcome of this project is significant for the community as bacterial infection is a growing problem that is only going to get worse due to lack of new treatments and emerging antibiotic resistance.

WILLIAM EDGAR FEENEY, PHD

2015 Fulbright Postdoctoral Scholarship

Home: The University of Queensland

Host: Georgia Institute of Technology

William Feeny is a Postdoctoral Research Fellow at the School of Biological Sciences, University of Queensland. His research focuses on the ecology and evolution of competitive interactions between species, and how these interactions affect biological diversity. He will work with Dr Danielle Dixon at the School of Biology, Georgia Institute of Technology, from January 2016 to October 2016.

Whilst at the Georgia Institute of Technology William will study whether mutualistic interaction (i.e. cooperation between species) confers resilience or vulnerability in a changing environment. His research will focus on coral reef fishes.



GAYLE MALONEY, PHD

2015 Fulbright Western Australia Postdoctoral Scholarship

Home: Psychological Wellness Centre

Host: Yale University

Through pursuing research areas that combine Gayle's clinical experience with OCD sufferers with the biological and neuroimaging expertise at the Yale OCD Research Clinic, this collaboration seeks to foster mutual enrichment of knowledge between Australia and the U.S. to inform further research, and develop desperately needed new adjunct treatments in the field of OCD.

Based on additional knowledge gained in the U.S., Gayle will provide training to the Clinical Psychologists working at the Psychological Wellness Centre, and make available professional development webinars and workshops for Clinical Psychologists and Psychiatrists in the broader Australian profession involved in the treatment of OCD.

By far the most important area in which to disseminate the findings of the Fulbright scholarship is to the sufferers of OCD and their families. Hence, Gayle plans to open the 'Perth OCD and Anxiety Clinic' in 2016, which will be comprised of a team of experienced Clinical Psychologists with a special interest in the treatment of OCD. The clinic will also provide ongoing advanced professional development opportunities in the field of OCD psychological treatment.





STEPHANE M. SHEPHERD, PHD

2015 Fulbright Postdoctoral Scholarship in Cultural Competence

Sponsored by the National Centre for Cultural Competence, The University of Sydney

Home: Swinburne University

Host: University of California Los Angeles and University of Nebraska-Lincoln

This scholarship presents a unique trans-national opportunity to explore the relationship between cultural engagement and desistance from crime for Aboriginal people in custody. Stephane's project is in a strong position to address national and local initiatives to improve Aboriginal health outcomes and specifically the health outcomes of Aboriginal offenders through its commitment to improving cultural competency in the forensic mental health field and finally building international collaborative partnerships with research organizations committed to practical cross-cultural outcomes. Furthermore, this research has the potential to develop industry and government partnerships with Aboriginal communities, to inform policy and tertiary education programs. There will also be a stronger focus on working as a culturally informed practitioner within the forensic mental health disciplines.



CHARIS E TEH, PHD

2015 Fulbright Victoria Postdoctoral Scholarship

Home: The Walter and Eliza Hall Institute of Medical Research, Melbourne

Host: Stanford University School of Medicine

Charis is a medical researcher at the Walter and Eliza Hall Institute of Medical Research (WEHI) in Melbourne, Australia. She sees the Fulbright Scholarship as an invaluable technology transfer opportunity and it will enable her to pursue her studies into how the body's immune system behaves normally in health and abnormally during diseases such as cancer or autoimmunity. The project will utilize a new cutting-edge technology (called a mass cytometer or CyTOF) to investigate the survival and death switches in blood cells isolated from healthy donors and cancer patients at the Nolan Laboratory at Stanford University (pioneers in the ground-breaking mass cytometry technology). She hopes to have gained comprehensive training on how to design experiments, run, maintain, operate and analyse the high content data obtained. This collaboration will maximize the use of this complex technology, which is still in its infancy stage in Australia. This project will also build a strong partnership and a long-standing collaboration between her institute (WEHI) and Stanford University.

POSTGRADUATE STUDENTS

DYLAN JOHN CRONIN

2015 Fulbright Postgraduate Scholarship

Home: Queensland University of Technology

Host: Washington State University (WSU) and Pacific Northwest National Laboratory (PNNL)

With the depletion of non-renewable petroleum resources and a growing global demand for both energy and raw materials, biorefining is a socially and ethically pertinent area of research, with the potential to make a significant and immediate contribution to alleviating society's dependence on fossil fuels. The opportunity to work at the Bioproducts, Sciences and Engineering Laboratory at Washington State University will be of immense value to Dylan's research, and to the immediate research community.

Dylan's area of specialisation relates to the pulping of lignocellulosic (plant material) and the valorisation of the lignin obtained therein (in basic terms this means the attempt to use a material such as lignin, but also similarly cellulose and hemicellulose, in such a way as to exploit greater economic and environmental potential). It is his objective to gain valuable experience and further knowledge in the application of biomass utilisation processes and technologies, in particular those technologies relating to the acquisition, depolymerisation and subsequent valorisation of lignin.



ISAAC CARLISLE DONNELLY

2015 Fulbright Postgraduate Scholarship

Home: The University of New South Wales

Host: Northeastern University

Isaac is currently undertaking an applied mathematics PhD at UNSW investigating anomalous transport on networks. He has co-authored several leading articles in the area and is also interested in applying this theory to the real world to help predict epidemics on airline networks and minimize congestion on city roads. He will travel to Northeastern University in Boston to develop non-linear control theory for networks with world leading scientist Professor Albert-László Barabási.

With the advent of the Internet and global airline networks, the world is becoming increasingly interconnected. The scientific community is also realizing the importance of considering systems as a whole, i.e., the gene regulatory network, not as a set of single components. Network science provides a language in which to understand these complex systems. True understanding requires analytic capability, predictability and controllability. Isaac's Fulbright Postgraduate Scholarship will be focused on the latter. His Fulbright Postgraduate Scholarship will give him the opportunity to observe the application of science with the aim of transferring this knowledge to Australia and leading the development of applications of network science.





JOEL THOMAS FULLER

2015 Fulbright South Australian Postgraduate Scholarship

Home: University of South Australia

Host: University of Massachusetts

Joel aims to improve sports injury prevention strategies through the combined expertise of Australian and U.S. sports scientists. Joel will undertake a prospective study investigating whether running stride variability can predict musculoskeletal injury amongst athletes. Undertaking this research at the University of Massachusetts provides the opportunity to work with a large cohort of high-performance athletes. This opportunity is typically not possible at Australian universities, which rarely have high-performance sporting programs. Joel hopes that his Fulbright Postgraduate Scholarship will establish an ongoing collaboration between the University of Massachusetts and the University of South Australia. Additionally, Joel's ongoing collaboration with the Australian Institute of Sport will allow the findings of his scholarship to be effectively integrated into the management of Australia's athletes and community sporting initiatives.



KATHLEEN HEATH

2015 Fulbright Postgraduate Scholarship (WG Walker)

Home: The University of Sydney

Host: TBC

Kathleen aspires to work as a criminal defence lawyer, and also to be a leader of criminal law reform. She sees these ambitions as complementary. Kathleen believes being a criminal advocate gives access to the deeply personal stories of clients. It also would show you the bigger stories that need to be told – the deep imperfections and systemic failures of the criminal justice system and society. Kathleen intends to use a Masters of Law (LLM) in the U.S. as a platform to explore a contested relationship between law and medicine. How should the law respond to the expanding body of medical knowledge that is chipping away at notions of individual responsibility in favour of explaining our conduct with regard to biological or neurological states? Does the traditional criminal justice system need to make space for more medical approaches to criminal behaviour?

In answering these questions, the approaches taken by different jurisdictions provide a wealth of material to draw upon. Kathleen hopes to conduct a comparative study between the rules of expert evidence in Australia and the U.S., and the extent to which the courts of each nation allow professional medical opinions to influence the substantive development of the law. This field of comparison is rich due to both nations being federations of many smaller jurisdictions.

DR RACHEL CLARE HEENAN

2015 Fulbright Postgraduate Scholarship

Home: The University of Melbourne

Host: TBC

During Rachel's time in the U.S., she hopes to build on the existing research collaboration between her home institution and the Harvard School of Public Health, in the Department of Global Health and Population. Over the last two years the collaborating partners have jointly studied the cost of illness (ie: the economic burden) of rheumatic heart disease (RHD) in Fiji, with findings disseminated at the World Congress in Cardiology. RHD is a chronic condition (caused by an infection) that disproportionately affects the world's most vulnerable populations. Australia's Indigenous children have one of the highest rates of RHD in the world. The Fulbright scholarship allows Rachel the opportunity to further a cooperative endeavour to fight this disease.



DEAN JARRETT

2015 Fulbright Indigenous Postgraduate Scholarship

Sponsored by Australian Government, Department of the Prime Minister and Cabinet

Home: University of Technology Sydney

Host: TBC

Dean's research explores the socio-economic impacts of Indigenous entrepreneurship and social enterprise to gain an understanding of whether supply diversity has influenced these socio-economic impacts. As part of this research he will make international comparisons mainly with Native American people in the U.S. for his Fulbright Program, and also later with Canadian Aboriginal businesses, businesses in South Africa, minority owned businesses in the UK and Maori owned businesses in New Zealand (Aotearoa).

The National Minority Supplier Development Council (NMSDC) and NMSDC international sister councils, including Canadian Aboriginal & Minority Supplier Development Council, South African Supplier Development Council and Minority Supplier Development UK, have agreed to contribute to this research project. Furthermore, Dean has the opportunity to discuss his research project with possible contributors from the Native Alaskan business and academic community as well as the Minority Business Development Agency (MBDA), which have offices located across the U.S.





JOSIAH KHOR

2015 Fulbright Postgraduate Scholarship

Home: The Australian National University

Host: TBC

Josiah's current focus is the extrapolation of flow properties from smaller to larger scales using digital imaging of rock samples. It is well established that the small scale (below a millimetre) variations in rock structures can significantly impact the recovery of oil and gas from the earth. However, limitations in computing power means that these variations cannot be directly accounted for when modelling hydrocarbon fields on the kilometre scale. Therefore, the ultimate effects of these small-scale variations in large-scale numerical models must be accounted for using upscaling techniques that integrate different scales of information into a single model. Josiah's research on imaging and analysing rock samples at multiple scales will help identify the importance of incorporating realistic sedimentary properties when calculating fluid flow and storage properties of rocks.



DR ROBERT MARSHALL

2015 Fulbright Northern Territory Postgraduate Scholarship

Home: Royal Darwin Hospital

Host: TBC

Robert hopes to gain the skills and knowledge from a Master in Public Policy needed to contribute to government health policy design and implementation. He aims to combine his interests in clinical medicine and public policy in order to improve Australia's health systems and reduce health inequities in disadvantaged populations. In particular, he is committed to closing the gap in Indigenous health outcomes and improving the delivery of healthcare services in rural Australia.

TRACEY V STEINRUCKEN

2015 Fulbright Queensland Postgraduate Scholarship

Home: University of Western Sydney and CSIRO Biosecurity Flagship

Host: University of California Berkeley

Tracey is a plant ecologist with a particular interest in invasive plant pathology and molecular biology. Invasive plants have profound economic, environmental and social impacts around the world. Innovative methods to control these weeds are continuously sought to reduce herbicide use and avoid expensive manual removal. Tracey's research focuses on *Parkinsonia aculeata*, an invasive thorny tree that was originally introduced from Central America as a garden tree or hedge. During her time in the States, Tracey hopes to visit local Parkinsonia field sites in the southern states and California to determine if dieback occurs in North or South American populations or in closely-related species. Working with the Forest Pathology and Mycology Lab at UC Berkeley will allow her access to world-renowned knowledge and experience, particularly in the field of diagnostics. She will investigate dieback in other invasive plant populations in the U.S. to compare the epidemiology and pathology of similar diseases, which will allow for insights into Parkinsonia decline in Australia.



BRIONY SWIRE-THOMPSON

2015 Fulbright Western Australia Postgraduate Scholarship

Home: The University of Western Australia

Host: Massachusetts Institute of Technology (MIT)

This Fulbright scholarship will allow Briony to expand her research into the area of political misconceptions, and investigate the effects of political attitudes on the processing of misinformation. By collaborating with Professor Adam Berinsky from MIT's political science department, she plans to explore a backfire effect which occurs when a person's belief system is challenged. Strong beliefs define our identity, and when they are challenged we are motivated to defend them, and this biases how we process information. The cognitive mechanisms involved in this phenomenon are still being debated, and various cognitive models of this 'worldview backfire effect' are currently being developed. An ideal way to study this effect is to use information which people are passionate about and hold as part of their identity—such as a person's political beliefs.





KATHRYN ZEALAND

2015 Fulbright-Anne Wexler Scholarship in Public Policy

Sponsored by Australian Government, Department of Education and Training

Home: McKinsey & Company

Host: TBC

Increasingly, the lines between the public and private sector are blurring, as governments use contractors to provide public services, and aim to improve productivity and competitiveness of private firms through effective regulation. It is important for policy setters to fully understand the implications of a particular policy on the private sector, and it is important for the administrators of our public sector to implement policies with world-class project management skills. That's why Kathryn intends to use the Fulbright Scholarship to study the application and administration of public policy. She is also looking forward to studying a rigorous program of economics. Kathryn believes this is important because stimulating economic growth is the most fundamental way to generate employment and improve human outcomes.

U.S. DISTINGUISHED CHAIRS

PROFESSOR THAD KOUSSER

2014 Fulbright-Flinders University Distinguished Chair in American Political Science

Sponsored by Flinders University

Host: Flinders University

Home: University of California, San Diego

Thad has an avid academic interest in environmental policy and the way it has been shaped over different time periods. As part of his Fulbright research project, Thad proposes to combine quantitative and qualitative methods to trace the evolving partisan polarization of environmental politics and to evaluate its impact on policymaking. A generation ago, the environment was an issue that split major political parties internally more often than it divided them from each other. Fights over water, laws protecting endangered species, and the regulation of pollution broke down along geographic lines or tapped emerging political gaps. Australia's similarities in political dynamics introduce the same dilemmas of divided government that the U.S. faces. Key institutional variations such as Australia's electoral rules that empower minor parties allow Thad to study the impact of governing rules on political and policy trends.



RICHARD W. ZIOLKOWSKI, PHD, PHD

2014 Fulbright Distinguished Chair in Advanced Science and Technology

Sponsored by the Australian Defence Science and Technology Organisation (DSTO)

Host: Aerospace Division at DSTO Melbourne

Home: The University of Arizona

There has been a paradigm shift in recent years in the research of materials and their physical properties. This trend can be traced primarily to the development of metamaterials, which are artificial materials whose interactions with and responses to electromagnetic, acoustic, and thermal waves can be tailored for specific applications. Richard will be investigating a variety of metamaterial-engineered structures and how their exotic properties can be used to control the emission and absorption of electromagnetic and acoustic waves in systems that are of interest to DSTO and its customers.



U.S. SENIOR SCHOLARS



BARRY BRADFORD, PHD

2014 Fulbright Senior Scholarship

Host: CSIRO Australia Animal Health Laboratory

Home: Kansas State University

Ruminant agriculture (animals with unique digestive systems), contributes substantially to the food supply and economy of both the U.S. and Australia. However, metabolic disease is a key threat to the sustainability of the sheep and dairy industries, despite decades of research. Barry's goal is to investigate the use of RNA interference (RNAi) as a precise tool for correcting deranged nutrient metabolism and preventing metabolic disease in ruminants. He will work at the CSIRO Australian Animal Health Lab to identify a small interfering RNA delivery method that will produce the first knockdown of a liver transcript in a ruminant, an exciting initial step toward the use of RNAi as an effective tool in the prevention of ruminant metabolic diseases.



MELVIN CHRISTOPHER JENKS

2014 Fulbright Senior Scholarship

Host: The University of Melbourne

Home: Southern Methodist University (SMU)

Chris teaches and writes on the law of armed conflict. He is the co-author of a law textbook 'The Law of Armed Conflict: An Operational Approach', co-editor of a forthcoming war crimes casebook, and he served as a peer reviewer of the Talinn Manual on the international law applicable to cyber warfare. Chris' goal in working with the Asia Pacific Centre for Military Law at the University of Melbourne, is to identify criminal responsibility norms which will help further both the discussion and reconciliation of emerging technologies and accountability under the law of armed conflict.

SALLY ANNE LAMPING, EDD

2014 Fulbright Senior Scholarship

Host: University of South Australia

Home: Wright State University

Sally plans to work with the University of South Australia's Multiliteracies and Global Englishes Research group and local public schools to conduct a comparative study involving newcomer populations in Adelaide secondary schools and the United States. Specifically, she plans to develop a better understanding of how both countries train teachers for work in schools with high populations of ELL or English as an Additional Language or Dialect (EALD) students. In addition, she hopes to better understand the ways in which Australian teachers are working with the Australian National Curriculum to design experiences that further the language and literacy development of EALD students, specifically those from limited or interrupted formal educational backgrounds. Sally hopes that her work in Australia will provide both countries with new perspectives on the specific needs of these students and the ways in which both the Australian National Curriculum and the Common Core Standards can be used to guide best practices in culturally and linguistically diverse contexts.



RUTH LITOVSKY, PHD

2014 Fulbright Senior Scholarship

Host: The University of Melbourne

Home: University of Wisconsin

In both the USA and in Australia deafness is a major communication problem, and despite high success rates with cochlear implants, there is large variability in the extent to which children achieve language and speech outcomes. Ruth's aspirations are to gain expertise in new technologies that enable assessment of brain functioning in implanted children, using non-invasive optical neuroimaging. In Melbourne, at the Bionics Institute, she will work with a team of experts to develop an approach that can be used in both countries to assess brain function in deaf children, before and after implantation. Ruth will bring her expertise in the area of binaural hearing to Australia, and will work closely with faculty and students in the field of Medical Bionics. Upon returning to the USA, she will lead clinical and research teams that will embrace optical neuroimaging approaches in people who are deaf and use cochlear implants. The collaboration proposed here will advance understanding of auditory impairment in ways that will improve Ruth's research activities as well as her teaching and mentoring of students and young scientists in the United States.





WENDY NICOLE NEMBHARD, PHD

2014 Fulbright Senior Scholarship

Host: Telethon Kids Institute and The University of Western Australia

Home: University of Arkansas for Medical Sciences

Globally, approximately 1.4 million infants are born annually with congenital heart defects (CHD), the most common birth defect, affecting about 1% of all live births annually in Australia and the United States. Although health outcomes for CHD infants have greatly improved, they still suffer serious long-term health issues requiring multiple surgeries, hospitalizations and doctor visits. In the U.S. in 2004, hospitalization costs for birth defects were \$2.6 billion and CHDs accounted for more than 50% of these costs. Children with CHDs have significant physical, developmental and cognitive problems during infancy and childhood; some problems persist into adulthood. They are a common cause of spontaneous miscarriages and carry an increased risk of infant morbidity and mortality. Children above age one with CHDs also have a significantly increased risk of mortality. Approximately 40% of infants with the most serious CHDs die before age one. Thus, CHDs pose a significant emotional, psychological, social and financial burden on families and society. Dr. Nembhard will work with Dr. Carol Bower and other collaborators at the Telethon Kids Institute at the University of Western Australia to investigate the short- and long-term morbidity, mortality issues and educational outcomes among children with CHDs in Australia.

PROFESSIONAL SCHOLAR

LANE WESLEY BURT

2014 Fulbright Professional Scholarship in Climate Change and Clean Energy

Sponsored by the Australian and U.S. Governments

Host: Monash University

Home: Ember Strategies

Since founding Ember Strategies, Lane has worked with many U.S. cities and NGOs developing and implementing policies and programs designed to eliminate energy waste in big buildings. The U.S. "efficiency brain trust" is very interested in better understanding the impact of Australia's trend-setting efficiency policies, especially the Commercial Building Disclosure program. Through his research and time in Australia, Lane hopes to facilitate that understanding while also engaging with Australia, Melbourne and the people on a social and cultural level. Lane spent some time in Australia in 2007 and looks forward to returning to find out what has changed and what remains the same. Lane would like to return home with a broader outlook and greater understanding of the efforts both countries are making to confront big challenges in the elimination of energy waste.



POSTGRADUATE STUDENTS



SHELBY BIERITZ

2014 Fulbright Postgraduate Scholarship

Host: Griffith University

Home: Rice University, Texas Heart Institute

While at Griffith University in Australia, Shelby aims to use the Fulbright Postgraduate Scholarship to optimize a spiral groove bearing for rotary blood pumps that will reduce hemolysis (the rupturing of red blood cells) while generating substantive force to suspend a rotor. Additionally, Shelby wants to apply this bearing type to a minimally invasive cardiac support device when she returns to the U.S. Through this project, Shelby hopes to generate a collaborative effort between Australian and U.S. biomedical innovators to combat the devastating effects of heart disease, while familiarizing herself with differences in the clinical management of heart failure patients between U.S. and Australian healthcare providers. Queensland's Smart State provides the perfect environment to broaden the impact of Shelby's research by establishing international collaborations between institutes in Queensland and the United States. With the common struggle of heart disease, joint developments in assist technology are absolutely necessary to improve patient outcomes. Collaborations between teams will remove the hindrance of unshared knowledge, increase engineers' capabilities, and provide a diverse array of design approaches.



MOLLY CLEMENS

2014 Fulbright Postgraduate Scholarship

Host: The University of Melbourne

Home: Fordham University

Research in Australia on alpine ecosystems and their response to climate change will provide Molly with the foundation to apply to PhD programs in conservation genomics. Focusing on the Trigger plant, Molly is analysing hybrid crosses from populations that represent various elevations and regions. These populations have been previously isolated, so the crosses aim to evaluate possible inbreeding and outbreeding depression effects. This work aims to be a pre-emptive measure to mitigate the effects of climate change by introducing genetic variation to populations currently stressed, in order to prepare them for future climate conditions. Molly is using a RadSeq method to barcode the DNA for next generation sequencing, a novel technique using multiple barcodes developed by the Hoffmann lab at Bio21. Molly has been working towards the Fulbright throughout her entire academic career, conducting fieldwork, genetics work, combinatorial fusion, and bioinformatics. This project utilizes a bioinformatic approach using a program called "Stacks" to assess the genetic distance between the parent populations of the Trigger plant, and she hopes to use the same program in her PhD work. Molly hopes to return to the U.S. to share with other environmental scientists the potential for genetics work to benefit conservation goals.

KERRY ANN HAMILTON

2014 Fulbright-CSIRO Postgraduate Scholarship

Sponsored by the Commonwealth Scientific Industrial Research Organisation (CSIRO)

Host: CSIRO Water for a Healthy Country National Research Flagship

Home: Drexel University

During her ten month Fulbright Scholarship, Kerry plans to measure concentrations of waterborne pathogens in roof-harvested rainwater tanks and model their association with meteorological factors. She will also compare two different laboratory methods and conduct a risk assessment to inform Australian public health policies in the laboratories of Dr. Simon Toze and Dr. Warish Ahmed at the Commonwealth Scientific Industrial Research Organisation (CSIRO). Outside of the lab, she plans to pursue integrated water resources management coursework at the University of Queensland, volunteer through the CSIRO "Scientists in Schools" Program, and expand the Brisbane chapter of CSIRO Women in Science.



LAURA CLAIRE HAYWARD

2014 Fulbright Postgraduate Scholarship

Host: The University of Queensland

Home: Virginia Commonwealth University

Laura plans to create a versatile cancer diagnostic probe that she hopes will increase the personalization of a patient's treatment. Upon return to the United States, Laura hopes to enter a MD/Ph.D program and the knowledge gained will help to transition from synthetic biology to research for medical applications. Laura wants to one day continue to contribute to the field of personalized medicine with more targeted treatments and diagnostics, and with the help of her host Dr. Matt Trau at the University of Queensland she hopes to build the foundation needed to accomplish this goal.





JOSEPH ISAAC

2014 Fulbright Postgraduate Scholarship

Host: The University of Melbourne

Home: University of Pennsylvania

By conducting field research on street art sites within the City of Melbourne, Joseph plans to utilize his previous experiences with cultural heritage in order to create a more positive impression of the traditionally misunderstood field of street art, and to harness the medium's ability to act as a unifying power within a community. With an incredibly rich tradition of street art, Melbourne's approach towards graffiti management is expected to bring significant impact towards future graffiti legislation and may even affect public policy in other parts of the world. During his scholarship he will work towards drafting position papers that detail the merits of graffiti regulation over non-discriminative eradication.



WILLIAM DAVID LEMPERT

2014 Fulbright Postgraduate Scholarship

Host: University of Notre Dame

Home: University of Colorado at Boulder

Understanding Indigenous media is an essential element in engaging and supporting some of the most culturally rich yet vulnerable peoples. This Fulbright period is part of William's dissertation research project, which seeks to understand the recent rise of the NITV and ICTV national Aboriginal television networks through an ethnographic study of two similar cohabiting Indigenous media organizations in and around the ethnically diverse town of Broome in Northwestern Australia. By following the social lives of this type of media through collaboration on production teams, William seeks to reveal the tensions and paradoxes of contemporary Aboriginality embedded within the daily practices of diverse video projects. With high levels of media productivity and success in Aboriginal activism, the Kimberley region will provide an ideal backdrop for relating to how Indigenous media makers come to represent different visions of Aboriginality. Namely, to what ends do they endeavor to make video programs that are at once locally relevant, politically salient, activist orientated, financially viable, and appealing to a diverse audience? This dissertation will contribute to scholarly understandings of the changing diversity of Indigenous media in settler-colonial nations, as well as mutual understandings of Indigenous challenges and perspectives between Australia and the United States.

ARIEL EMILY MARCY

2014 Fulbright Postgraduate Scholar

Host: The University of Queensland

Home: Stanford University

North American pocket gophers and Australian echidnas provide a unique evolutionary study system: both are digging mammals but have radically different developmental strategies. During her Fulbright scholarship, Ariel plans to complete morphometric (i.e. functional shape) analyses of forelimbs for both gophers and echidnas and also conduct a geographical study of echidnas comparing shape differences to soil types as she has done with her work with gophers. These two studies would provide a unique comparison of digging monotremes and placentals, as well as lay the groundwork for investigations on how their different developmental strategies impact adaptation to a variety of soil types. As part of the civic engagement component, Ariel will create an educational card game featuring Australian fauna that engages middle and high school students in ideas about evolutionary development. Ariel hopes to publish her research with Dr. Vera Weisbecker of the University of Queensland and will make the card game freely available online to download and print.



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