WELCOME BY PROFESSOR SCOTT HOLMES

I commenced as the Deputy Vice-Chancellor (Research and Development) on 3 March 2014 and have been busy attending functions at many of the Campuses and meeting researchers from different areas. Some of my key priorities are to establish a new Research Plan for 2015-2017 that focuses on capacity, impact and futures, and incorporates four key multidisciplinary themes for UWS that will drive, sustain and improve the collaboration opportunities for Schools and Institutes.

In 2014 the key themes are:
1. Education, Access and Aspirational
2. Health Translation, Service and Innovation
3. Environmental Sustainability and the Future
4. Urban Living and Society

Research Roadshows have been held throughout August outlining the draft research plan and seeking feedback on developing strategies to support the research plan.

We have been working on a number of developments, including:
1. Establishment of REDI – see article following
2. Approval of the Masters/PhD Pathway Program
3. Establishment of the Centre for the Development Western Sydney
4. Introduction of Easy Access IP
5. Ideas Lab

The Ideas Lab is a series of events aiming to connect UWS academic staff with stakeholders from industry, business, government and non-government organisations. Facilitated through targeted stakeholder workshops, the Ideas Lab is an opportunity for UWS researchers to listen to the broader community and champion problem-led and industry relevant research - incorporating impact at the start of the research process.

The Ideas Lab is a means of generating external relationships that will lead to mutually beneficial opportunities, identifiably through partnerships and consulting. Aiming to move more from “presenting” to “listening”, the objective is to support a culture of outbound research, which will be key to fostering UWS’ reputation as an engaged and research-intensive university.

ARC GRANTS

In June UWS was successful in receiving Australian Research Council funding for seven projects in the ARC Linkage Round 2014 funding scheme – a 41.2% success rate.

Projects have been awarded to the MARCS Institute, the Hawkesbury Institute for the Environment, the Institute for Infrastructure Engineering, the School of Science and Health and the School of Education with collaborators from the School of Business and the School of Social Science and Psychology. Funding totalling $2.3 million was received from the ARC with industry contributions of $5.1 million.

Partners range across international industry collaborators, state government, NGOs and private companies.

UWS researchers have also been successful in collaboration with colleagues at other universities.

Congratulations to all of these researchers and their partners.

The Linkage Projects scheme funds collaborative projects between university researchers and Partner Organisations, aiming to encourage and develop long-term strategic research alliances between higher education organisations and other organisations, including within industry, in order to apply advanced knowledge to problems and/or to provide opportunities to obtain national economic, social or cultural benefits.

Nationally the ARC has awarded $88.2 million under the Linkage scheme with a success rate of 35.9%

Please see www.uws.edu.au/ARClinkage2014 for the list of grants that have been awarded to UWS researchers.

In July the annual Australian Research Council (ARC) Future Fellowships were announced and UWS staff received two new Fellowships with a funding total of over $1.5 million.

Congratulations to Associate Professor Peter Keller from the MARCS Institute who received a Fellowship to the value of $866,250 and to Dr Mark Kelly from Philosophy@UWS, School of Humanities and Communications Arts who received a Fellowship to the value of $693,339.

These four-year Fellowships will provide support to the recipients enabling them to conduct research in the following areas of national importance.

- Associate Professor Peter Keller: Psychology - the psychological and neurophysiological mechanisms that underpin human interaction and interpersonal coordination, to inform the assessment and treatment of clinical conditions that affect movement timing and social interaction.
- Dr Mark Kelly: Philosophy - the development of the conceptual vocabulary of norms, normality and normativity in the key areas of the life sciences, legal discourse, and ethics, to understand how individuals and public policy can successfully navigate the proliferation of norms in various fields today.

This is an outstanding result and maintains UWS’s above average national success rate.
ABOUT REDI (RESEARCH ENGAGEMENT, DEVELOPMENT AND INNOVATION)

Recently established in the Office of the DVC R&D, REDI brings together two existing UWS teams - Consultancy and Innovation - and introduces a new Business Development function. The REDI team is headed by Rochelle Finlay.

What is REDI’s function?

The REDI team will provide a broad range of support and services to assist UWS academics to partner with business, government and the community. Support includes:

- Identifying opportunities for consultancy, contract research and tenders
- Supporting academics to secure the above opportunities
- Promoting UWS’s research and professional consultancy activities and capabilities
- Assisting in establishing external linkages
- Providing project, relationship, contract and financial management services to support these activities
- Protecting and promoting UWS intellectual property
- Providing support for initiatives – to assess feasibility, risk and appropriateness

To discuss how REDI can support you and your team contact Rochelle Finlay on (2) 9678 7125 or r.finlay@uws.edu.au

PRIZES AND AWARDS

Dr Jonathan Plett from the Hawkesbury Institute for the Environment was awarded 2014 Science and Innovation Award in the Grains Category.

At the Australian Physiotherapy Association Conference held late last year two UWS staff were recognised:

- Dr Genevieve Dwyer from the School of Science and Health was the recipient of the:
  - Australian Physiotherapy Association National Paediatric Group Yvonne Burns Award

- Dr Siobhan Schabrun from the School of Science and Health had a paper conferred as the Best Free Paper in Musculoskeletal Physiotherapy for a paper titled – “Combined back and brain stimulation improves pain and function in chronic low back pain”.

RECENT RESEARCH SUCCESSES

A newly-funded initiative designed to bring cancer researchers together with clinicians who treat cancer patients offers the opportunity to significantly improve treatments and the way cancer care is delivered to people in NSW.

With just over $8 million in new funding from the Cancer Institute NSW as well as partner institutions delivered over five years, the Centre for Oncology Education and Research Translation, known as CONCERT, is a new and exciting collaboration of university and hospital-based researchers, clinicians and local health districts within South-Western Sydney, the Illawarra and Shoalhaven and the ACT.

The geographical area covered by the group spreads over one quarter of NSW and serves over 6,200 new patients with cancer every year.

The effort will be led by Professor Paul de Souza of the UWS School of Medicine.

For full details please visit www.uws.edu.au/newscentre/news_centre/more_news_stories/concerted_effort_by_cancer_care_partnership_will_mean_improved_treatments

NEW RESEARCH AWARDS TO BE INTRODUCED IN 2014

- Excellence in Research – Vice-Chancellor Award
- Excellence as an Early Career Researcher – Vice-Chancellor Award
- Research Excellence through Partnership – Deputy Vice-Chancellor Research and Development Award
- Excellence in a Research Interdisciplinary Team – Deputy Vice-Chancellor Research and Development Award

See attached schedule Research Grant Success November 2013 to June 2014 (not including ARC and NHMRC).
<table>
<thead>
<tr>
<th>Grant Title</th>
<th>Funding Organisation and Amount</th>
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<tbody>
<tr>
<td>Scholarship to Paul Prichard to undertake a Doctor of Philosophy degree through the Centre for Educational Research</td>
<td>Professor Louisa Jorm, Centre for Health Research $387,046</td>
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<td>Mapping the Outcomes of Calls to Healthdirect Australia</td>
<td>Natural Hazards Cooperative for Health Research $50,000</td>
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<tr>
<td>Healthdirect Australia $321,176</td>
<td>Associate Professor M Morrow, J Wicks, Ms M Monteiro and R Narchal, Ms J Estoesta, Ms S Rayu, Mr A Rangan, Professor R Naidu, Professor M Mallvarapu, Hawkesbury Institute for the Environment</td>
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<tr>
<td>The novel framework to identify, predict and improve efficiency of bioremediation technology</td>
<td>Professor Brajesh Singh with Doctor A Khachane, Doctor C Macdonald, Ms S Rayu, Mr A Ijaz, Professor R Naidu, Professor M Mallvarapu, Hawkesbury Institute for the Environment</td>
</tr>
<tr>
<td>University of New South Wales $75,000</td>
<td>Office of Deputy Vice-Chancellor (Research and Development)</td>
</tr>
<tr>
<td>Scientific Diversity, Scientific Uncertainty and Risk Mitigation Policy and Planning</td>
<td>Associate Professor Janette Perz with Professor J Usher, Doctor R Narchal, Ms M Estoesta, Ms J Wicks, Ms M Monteiro and Associate Professor M Morrow, Centre for Health Research</td>
</tr>
<tr>
<td>Bushfire and Natural Hazards Cooperative Research Centre $387,046</td>
<td>Dr Simon Myers, Molecular Medicine Research Group</td>
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<tr>
<td>Identifying common intracellular mechanisms in sensory neuropathies</td>
<td>Professor Graeme Newell with Doctor C Lee, Doctor V Kupke, School of Business</td>
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<tr>
<td>Affordable rental housing supply</td>
<td>Professor Bill (William) S. Price with Professor J Aldrich-Wright, Professor A Hennessy, Associate Professor A Sathasivan, Doctor A Torres, Associate Professor G Liney, Doctor L Holloway, Professor G Delaney, Doctor B Cornell, Doctor S Bosi, Professor M Nyden, Professor B Messere, Associate Professor C Arns, Professor M Barton, Doctor J Beves, Doctor J Harper, Professor S Meikle, Professor M Bennett, Doctor R Bourne, Professor P Keall, Professor M Johns, Doctor E Fridjonnson, Nanoscale</td>
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<tr>
<td>University of New South Wales $250,000</td>
<td>Professor Graeme Newell with Doctor C Lee, Doctor V Kupke, School of Business</td>
</tr>
<tr>
<td>Bushfire and Natural Hazards Cooperative Research Centre $480,430</td>
<td>Professor Bill (William) S. Price with Professor J Aldrich-Wright, Professor A Hennessy, Associate Professor A Sathasivan, Doctor A Torres, Associate Professor G Liney, Doctor L Holloway, Professor G Delaney, Doctor B Cornell, Doctor S Bosi, Professor M Nyden, Professor B Messere, Associate Professor C Arns, Professor M Barton, Doctor J Beves, Doctor J Harper, Professor S Meikle, Professor M Bennett, Doctor R Bourne, Professor P Keall, Professor M Johns, Doctor E Fridjonnson, Nanoscale</td>
</tr>
<tr>
<td>Unimelb $50,000</td>
<td>Professor Graeme Newell with Doctor C Lee, Doctor V Kupke, School of Business</td>
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<tr>
<td>Australian Housing and Urban Research Institute (ACRG) $85,578</td>
<td>Professor Graeme Newell with Doctor C Lee, Doctor V Kupke, School of Business</td>
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<tr>
<td>Unimelb $50,000</td>
<td>Professor Graeme Newell with Doctor C Lee, Doctor V Kupke, School of Business</td>
</tr>
<tr>
<td>Australian National University (ACRG) $83,000</td>
<td>Professor Graeme Newell with Doctor C Lee, Doctor V Kupke, School of Business</td>
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**Associate Professor Christine Woodrow, Centre for Educational Research**

**Grant Title:** Scholarship to Paul Prichard to undertake a Doctor of Philosophy degree through the Centre for Educational Research

**Funding Organisation and Amount:** The Tasmanian Early Years Foundation $50,000

**Dr Melanie Taylor with Doctor K Thompson, Doctor P Burns, Ms G Eustace, Centre for Health Research**

**Grant Title:** Managing Animals in Disasters: Improving Preparedness, Response, and Resilience through Individual and Organisational Collaboration

**Funding Organisation and Amount:** Bushfire and Natural Hazards Cooperative Research Centre $387,046

**Professor Louisa Jorm, Centre for Health Research**

**Grant Title:** Academic Chair in Cancer Prevention

**Funding Organisation and Amount:** Cancer Institute NSW $250,000

**Associate Professor Janette Perz with Professor J Usher, Doctor R Narchal, Ms M Estoesta, Ms J Wicks, Ms M Monteiro and Associate Professor M Morrow, Centre for Health Research**

**Grant Title:** Sexual health of migrant women from culturally and linguistically diverse (CALD) groups: an international comparison

**Funding Organisation and Amount:** Family Planning NSW $54,000

**Dr Simon Myers, Molecular Medicine Research Group**

**Grant Title:** Identifying common intracellular mechanisms in sensory neuropathies

**Funding Organisation and Amount:** Donation $260,000

**Professor Bill (William) S. Price with Professor J Aldrich-Wright, Professor A Hennessy, Associate Professor A Sathasivan, Doctor A Torres, Associate Professor G Liney, Doctor L Holloway, Professor G Delaney, Doctor B Cornell, Doctor S Bosi, Professor M Nyden, Professor B Messere, Associate Professor C Arns, Professor M Barton, Doctor J Beves, Doctor J Harper, Professor S Meikle, Professor M Bennett, Doctor R Bourne, Professor P Keall, Professor M Johns, Doctor E Fridjonnson, Nanoscale**

**Grant Title:** Ultra-high resolution magnetic resonance imaging (MRI) system for physical applications

**Funding Organisation and Amount:** University of New South Wales $75,000

**Professor Jennifer Reath with Doctor R Brooker, School of Medicine**

**Grant Title:** Supporting Primary Care Providers in Western Sydney areas of socioeconomic disadvantage

**Funding Organisation and Amount:** Department of Industry (nonACRG) $200,000

**Australian National University (ACRG) $83,000**

**Professor Paul de Souza with Professor M Barton, Professor S Lee, Professor A Girgis, Professor G Delaney, Professor L Bokey, Associate Professor M Ranson, School of Medicine**

**Grant Title:** Centre for Oncology Education and Research Translation (CONCERT) [via UNSW]

**Funding Organisation and Amount:** Cancer Institute NSW $2,391,993
Ms Tara Roberts, School of Medicine

Grant Title: Understanding the role of SMG1 as a tumour suppressor

Funding Organisation and Amount: National Heart Foundation of Australia (ACRG) $120,000

Professor Paul de Souza with Associate Professor K Scott, Associate Professor W Lliau, Professor G Graham, Associate Professor P Young, Professor P Russell, School of Medicine

Grant Title: A translational and pharmacokinetic study of a novel, orally-active, targeted treatment for hormone refractory prostate cancer

Funding Organisation and Amount: Prostate Cancer Foundation of Australia $125,000

Associate Professor Robert Spooner-Hart with Adjunct Professor D Leach, Doctor A Basta, Doctor F van der Kooy, Doctor Z Chen, Doctor M Deseo, Doctor O Hellyer, Dr Anthony Haigh with Doctor Samsul Huda, School of Science and Health

Grant Title: Centre for Biopesticides and Semiochemicals: Novel insecticides and synergists from endemic and exotic flora

Funding Organisation and Amount: Cotton Research & Development Corporation (ACRG) $1,213,591

Dr Thomas Astell-Burt with Professor G Kolt, School of Science and Health

Grant Title: Greener neighbourhoods, healthier hearts? A longitudinal study and natural experiment of the impact of parks and built environment on cardiovascular health among 267,000 Australians in middle-to-older age

Funding Organisation and Amount: WentWest Limited $63,030

Dr Samsul Huda with Doctor S Kaltibie, Professor I Goktepe, Professor K Abdella, Associate Professor M Pollanen, Dr Thomas Astell-Burt, School of Science and Health

Grant Title: Improving Food Security in Qatar: Assessing Alternative Cropping Systems Feasibility and Productivity in Variable Climates, Soil and Marketing Environments [via Qatar Uni]

Dr Anthony Haigh with Doctor Frank van der Kooy, Associate Professor R Spooner-Hart, Adjunct Professor D Leach, School of Science and Health

Grant Title: Agronomic and extraction parameters for Centipeda (Part 2) - Optimising flowering yield of bioactives from Centipeda cunninghamaii

Funding Organisation and Amount: US Department of Defense $58,898

Funding Organisation and Amount: Rural Industries R&D Corporation (non ACRG) $300,000

Dr Thomas Astell-Burt with Professor A Maeder, Doctor X Feng, School of Science and Health

Grant Title: The ‘Mapping food Environments in Australian Locales’ (MEAL) Project

Funding Organisation and Amount: Cardiac Health Institute $145,000

Professor G Kolt, School of Science and Health

Grant Title: Research into Intensive Supervision Programme

Funding Organisation and Amount: Department of Attorney General and Justice NSW $100,000

Dr Paul Breen with Professor J Serrador, Doctor M Schubert, Professor S Wood, Professor G O’Laighin, The MARCS Institute

Grant Title: Treatment of Vestibular Dysfunction Using a Portable Stimulator [via Veterans Bio-Medical Research Institute]

Funding Organisation and Amount: US Department of Defense $58,898

Associate Professor Dennis Chang with Professor A Bensoussan, The National Institute of Complementary Medicine, School of Science and Health

Grant Title: A Pilot Randomised, Double-Blind, Placebo Controlled Trial to Evaluate the Effectiveness and Safety of Nao Xin Qing Pian (NXQ), in Patients with Ischemic Stroke

Funding Organisation and Amount: Tony Maxwell & Company $70,000

Dr Gabrielle Drake with Associate Professor M Darcy, Doctor H Blunden, Professor C Sappideen, Urban Research Centre

Grant Title: Evaluation of the NSW Boarding House Act 2012 [via Newtown Neighbourhood Centre Inc]

Funding Organisation and Amount: Department of Ageing, Disability and Home Care $253,000

Dr Felicity Wray with Doctor L Schatz, Associate Professor M Darcy, Urban Research Centre

Grant Title: Werrington Park Corporate Centre Monitoring and Evaluation

Funding Organisation and Amount: Department of the Environment (non ACRG) $150,000

Associate Professor Dennis Chang with Professor A Bensoussan, The National Institute of Complementary Medicine, School of Science and Health

Grant Title: Using a Portable Stimulator Screening and underlying mechanism studies

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