

Research@UWS



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Introduction

Welcome to the University of Western Sydney

The University of Western Sydney has released its **Research Framework 2009-13** document, in which details are presented of strategies and targets with a view to ensuring excellence in research performance at UWS. The strategies are accompanied by an allocation of significant extra funding to continue to grow the University's research profile over the next five years.

The University strongly believes in the essential link between research activity and undergraduate teaching to keep our staff and students not only knowledgeable of developments in their field, but also experienced in the application of these developments. Furthermore, at the University of Western Sydney we strive to make our research applied and relevant not only to what we teach, but also to industry, business, community and government of the region of Greater Western Sydney and beyond.

My office and the Office of Research Services (ORS) have the responsibility to provide the support for research and research training in the University and to leverage these funds to grow our research and importantly, our research culture.

As Government regulation surrounding research becomes more complex, ORS has many experts to help researchers through the maze to successful outcomes.

This booklet is designed to cater to new staff, as well as a reference for current staff who need to access government and the University's research related resources, policies and procedures.

I hope that you find what you are looking for and enjoy success in your research endeavours at UWS; please do not hesitate to contact us if you require further information.



Professor Andrew Cheetham
Pro Vice-Chancellor Research

Inspiring Research, Inspiring People: an introduction to research at UWS

The University of Western Sydney nurtures a distinctive, high-impact research culture, committed to enhancing our region's cultural, economic, environmental and educational development, and responsive to contemporary challenges in Greater Western Sydney and beyond.

We are recognised for our capacity to carry out successful collaborative research partnerships and for our work with partners from industry and from the government and community sectors.

This recognition is reflected in our performance in competitive national research funding, where UWS's success rate in Australian Research Council (ARC) Discovery grants is on a par with the sector's and our success rates in ARC Linkage have been among the highest in Australia.

Our research centres and programs attract international, national and local interest and contribute to developments that are making a difference in contemporary life. To build on our research strengths, we are committed to developing future generations of researchers through research training programs for postgraduate research candidates, postdoctoral fellows, and early career researchers.

UWS is investing heavily in its research with an ongoing commitment to supporting its areas of strength.

Key people

Pro Vice-Chancellor, Research

The Pro Vice-Chancellor, Research (PVCR) provides overall academic and administrative leadership in research at UWS. The PVCR oversees policy and strategic directions in research, chairing the UWS Research Committee. The PVCR also leads the building of external partnerships with industry, business and government bodies in the region, nationally and internationally.

Dean of Research Studies

The Dean of Research Studies maintains oversight of postgraduate research and its development, chairing the UWS Research Studies Committee.

Associate Deans and Directors (Research)

Associate Deans and Directors, Research provide academic and administrative leadership in each College. All Associate Deans, Research are members of the University Research and Research Studies Committees. They are key contacts for research candidature management matters.

Contact Details

College of Arts

Professor Michael Atherton
m.atherton@uws.edu.au 9772 6306

College of Business

Professor Bobby Banerjee
b.banerjee@uws.edu.au 9852 4545

College of Health and Science

Professor Deborah Sweeney
d.sweeney@uws.edu.au 4736 0995

The Office of Research Services provides an integrated suite of services supporting the University's research effort. Research Services seeks to link UWS research expertise in collaborative research with business, industry, government, community organisations and other universities.

<http://www.uws.edu.au/researchservices>

Research Services is located at Building K1, Penrith Campus and the contact phone number is 02 4736 0895, Ext. 2895.

Research Services communicates news, funding opportunities, information for higher degree research candidates and their supervisors via newsletters and emails delivered directly to staff.

Research News: *Research News* will tell you about strategic developments and achievements across the University and keep you in touch with stories, information and events and activities and policies related to the management of research at UWS. The newsletter includes key institutional data, with the aim of situating the research-rich environment being built at UWS within the Australian higher education context. *Research News* is a quarterly newsletter delivered by email.

Research Directions: *Research Directions* are fact sheets published about each funded research project. Announced to the UWS community via E-update and delivered by email direct to all staff on the University's Register of Research Activity. Past 'Research Directions' are available from

<http://www.uws.edu.au/research/success>

Funding Bulletin: A fortnightly upcoming funding opportunities bulletin is delivered direct by email. You can subscribe to this service by contacting the Research Development Assistant, Angela Theodorou.

a.theodorou@uws.edu.au

Footnotes: *Footnotes* keeps research candidates in touch with stories, information and events and activities and each other's achievements. The newsletter is published quarterly and delivered by email to all research candidates. For comments, questions or contributions please contact Mary Krone. Previous newsletters are available from

http://www.uws.edu.au/research/current_research_students/newsletters

Supervisor's Update: *Supervisor's Update* is a monthly news bulletin for higher degree supervisors delivered direct by email. Previous bulletins are available from http://www.uws.edu.au/research/current_research_students/supervision#Bulletins

How to source external funding

Research Services provides administrative support to University researchers applying for research grants. Its highly experienced research development staff are conversant with the requirements and closing dates of a wide range of funding schemes. We encourage you to seek an appointment with the Research Development Officer responsible for your discipline to discuss research opportunities and research career trajectories.

Research Services can also advise of other researchers with similar interests or bring together researchers with the potential to collaborate. Likewise, you can recommend an appropriate program of targeted submissions via external agencies and Research Services will assist you in developing the best submission possible.

The contact details for the Research Development Officers are:

Ms Kalinda Cripwell
k.cripwell@uws.edu.au
02 4736 0229, Ext. 2229,

Ms Sharon Holst
s.holst@uws.edu.au
02 4736 0281, Ext. 2281,

Ms Jenny-Lee Heylen
j.heylen@uws.edu.au
02 4736 0972, Ext. 2972,

Ms Kathleen MacDonald
k.macdonald@uws.edu.au
02 4736 0619, Ext. 2619

Ms Kezia Sullivan
k.sullivan@uws.edu.au
02 4736 0889, Ext. 2889

Ms Angela Theodorou
a.theodorou@uws.edu.au
02 4736 0811, Ext. 2811, for enquiries.

How to source external funding

How to source external funding

Locating Funding Opportunities

Research Bulletin	Fortnightly email service outlining a range of upcoming funding opportunities.	All researchers on the University's Register of Research Activity will automatically receive a copy of the Bulletin. As you may not yet be on the Register, you can subscribe to this service by contacting the Research Development Assistant, Angela Theodorou, a.theodorou@uws.edu.au , 02 4736 0811, Ext. 2811
Grants Calendar	Annual web-based overview of major funding opportunities/grant schemes designed to assist researchers in planning their research workload.	Access the calendar on http://www.uws.edu.au/research/researchers/calender
COS	International and national funding database on the web	<p>UWS maintains a full subscription to the service, enabling its researchers to set up individual profiles and automated personalised searches tailored to capture individual's research interests. Once a profile is set up you will receive weekly funding alerts via email. Researchers are strongly encouraged to take advantage of this service.</p> <p>To obtain a password which then will allow you to use the service off-campus, you will need to access this service initially from a UWS computer at http://www.uws.edu.au/research/researchers/funding_opportunities</p> <p>Please contact the Research Development Assistant, Angela Theodorou a.theodorou@uws.edu.au, 02 4736 0811, Ext. 2811, for any assistance with COS.</p>

How to obtain internal funding

UWS maintains a range of competitive internal research grant schemes suitable for early career researchers through to experienced researchers.

The award of research funds is based on a competitive process with explicit criteria which are publicly announced, determined in consultation with the academic community, and applied in an open and consistent manner by members of the UWS Research Committee's grant panels. All panel deliberations are fully minuted and form part of the official records of the University. Panels are formed from among the UWS professoriate. Recommendations of the panels are approved for funding by the Pro Vice-Chancellor Research and the Deputy Vice-Chancellor (A&R).

One scheme, the large annual Research Grants Scheme, consists of two sub-panels – one to assess all applications for internal support arising from the arts, humanities and social sciences, another panel to assess all applications arising from science, engineering, and technology disciplines. Each panel includes at least one assessor from outside UWS.

Application forms and guidelines for all internal research grants are available from our website on http://www.uws.edu.au/research/researchers/funding_opportunities/internal_research_grants

Partnership Program

The Partnership Grant Scheme is designed to assist researchers to develop research projects jointly with external partners from industry, commerce and the public and community sectors. Partnership grants assist researchers to collaborate on scholarly and industry research questions. A high level of collaboration between the University researchers and eligible partners must be demonstrated to develop new links or significantly enhance existing links. Innovation is a central feature of successful applications.

The Scheme is designed to encourage partners to explore and promote their research to a point where support from the ARC Linkage – Program or other major external funding programs can be realistically sought.

There are two calls for applications each year, normally closing April and September. The call for applications is initially distributed

How to obtain internal funding

to those staff on the Register of Research Activity and announced via E-update.

The Scheme provides for up to \$35,000 with matching funding from partners.

International Research Initiative Scheme

The International Research Initiative Scheme (IRIS) is designed to support the internationalisation of research at UWS through specific initiatives that lead to a strengthening of the research competitiveness and international profile of UWS. Activities proposed for support will lead to the generation of:

- international linkages and collaborations with the prospect of international and other external research funding
- publication outputs that fall into the major HERDC categories

Both teams and individual researchers may submit a proposal for funding.

There are two rounds each year, normally closing April and September. The call for applications is initially distributed to those staff on the Register of Research Activity and announced to all staff via E-update.

The Scheme provides for up to \$20,000 funding.

Seed Grants for Early Career Researchers


The Research Seed Grant Scheme offers initial funding for the establishment of projects conducted by new investigators, supporting individual investigators, as well as small research teams consisting of newer investigators. The Scheme supports, on a competitive basis, quality research projects of modest financial cost to be carried out by new investigators who have not had major research project grants and who show clear evidence of high research capacity.

There is one round each year, normally closing July.

The Scheme provides for up to \$7,500 funding.

Research Grant Scheme

The Research Grant Scheme is designed to offer funding to individual researchers or research groups who have successfully undertaken the first stages of a research project with the use of prior funding from UWS or other sources, and have a twelve to eighteen month program in mind. The Scheme aims to promote the project to the point where support from ARC programs or other major external funding schemes can be realistically sought. The primary



objective of the Scheme is to support, on a competitive basis, quality research projects to be carried out by investigators showing clear evidence of high research capacity. There is one round each year, normally closing October/November.

The Scheme provides for up to \$25,000 funding.

Research Infrastructure Fund

The Research Infrastructure Fund is designed to allow areas of demonstrable research strength at UWS, founded on a core group of research active staff with shared research interests and complementary expertise, to remain competitive in the national and international research arena and to increase their capacity to compete for major external research funding and undertake high quality research training.

There is one round each year, normally closing June.

Minimum request \$100,000, maximum award \$500,000.

Eminent Research Visitor Scheme

The Eminent Research Visitor Scheme seeks to intensify the research capacity, international links and collaborative research activity of nationally competitive research groupings at UWS. The Scheme covers support for visits by eminent researchers from overseas for at least eight weeks a year across a designated triennium.

There is one round each year, normally closing June.

The Scheme provides for up to \$20,000 per annum.

Research Initiative Scheme

The primary object of the UWS Research Initiative Scheme is the support of high quality research programs focused on the Research Themes that the University has articulated. Under this Scheme, UWS research groupings are able to bid for specific project funding to support research activity.

The Scheme provides for up to \$20,000 funding.

Preparing and submitting funding applications

To ensure that legal and administrative requirements are met, including evidence for research workload negotiations, it is **essential** that all external funding applications are lodged through the Office of Research Services.

Research Services closing dates

Australian Research Council and National Health and Medical Research Council internal application closing dates are announced each year.

Applications – other than ARC and NHMRC which have longer lead times – must be submitted a minimum of five working days before the granting body's closing date. Ideally you should contact the Grants and Development Team as early as possible, so we can provide assistance to you throughout the grant writing process and maximise your chances of success. In particular, we can help you with:

- Providing feedback on the competitiveness of the application
- Checking budgets (including appropriate salary rates; oncosts; GST and levies

where applicable)

- Checking eligibility and other administrative requirements
- Liaison with industry partners
- Checking contractual arrangements
- Submitting the application

Processes associated with external applications

All external applications must be accompanied by a signed External Research Clearance Form (available at <http://www.uws.edu.au/research/researchers/forms>). This form ensures the research workload and resources assigned to the project are approved by the Head of School or Research Centre Director. It also provides essential statistical data on the type of research undertaken, enabling the University to plan its research development and to report to the Commonwealth as required every two years.

Contact for further information:

Ms Angela Theodorou

a.theodorou@uws.edu.au

02 4736 0811, Ext. 2811.

External grant establishment

Once a grant is awarded, the University will enter into a legal agreement with the granting body, governing the terms and conditions under which a project is to be conducted. All research agreements are reviewed by the Office of Research Services and signed by the Pro Vice-Chancellor Research.

Please note that individual researchers may not accept any funding on behalf of the University.

Once the agreement is signed a project account will be established. The Office of Research Services will require the following information and documents to establish your account:

- Signed external research clearance form
- Contact details for funding body (contact person, address, fax and phone numbers)
- Fully executed legal agreement with the funding body
- Copy of the research proposal
- Project start/end date
- Milestones, invoicing schedule
- Detailed budget, including GST and any levies where applicable

It is the responsibility of the first named Chief Investigator to obtain relevant ethics clearance for the project and provide the required progress and final reports for ethics and the project.

Grant Management: Finance and reports

All research grants operate through a UWS research project account, making them eligible for recognition as a research activity. Other account types are ineligible for reporting as part of HERDC.

The Research Accountant is the contact for general financial queries on funded research projects and is responsible for invoicing of research funds and financial reporting to funding bodies. The Research Accountant is Mr Niru Ramanathan and can be contacted by email n.ramanathan@uws.edu.au and on 02 4736 0886, Ext. 2886.

Further information can be found at <http://www.uws.edu.au/research/ors/contact>

The Research Grants Officer, Susan Wiblin, s.wiblin@uws.edu.au can assist with general research project management enquiries 02 4736 0881, Ext. 2881.

Other information regarding employing contract research staff (Research Officers, Research Fellows etc) and project reporting can be found at http://www.uws.edu.au/research/researchers/managing_research_grant.

Ethical Research Practice

Securing ethics clearance is a requirement for all research activity, unfunded or funded that involves the use of human participants or the use of animal subjects or the preparation and/or use of recombinant nucleic acids constructed in vitro from sources that do not ordinarily recombine genetic information. Researchers should note that ethics approval is required even if the project is a collaboration and/or the work is carried out overseas.

The UWS Research Code of Practice is available at <http://policies.uws.edu.au/view.current.php?id=00166>

National Statement on Ethical Conduct in Human Research (2007) [http://www.nhmrc.gov.au/publications/ subjects/human.htm](http://www.nhmrc.gov.au/publications/subjects/human.htm)

Release of all research funds is contingent upon securing the appropriate ethics protocol/s. UWS enables expedited review of negligible risk human ethics research.

Contact Human Ethics Officer, Kay Buckley,
humanethics@uws.edu.au

The Animal Ethics Committee meets monthly. Contact Research Ethics Coordinator Mr Raj Paramanathan,
animalethics@uws.edu.au

The Biosafety Committee meets every two months. Contact Research Ethics Coordinator Mr Raj Paramanathan,
BioSafetyRadiation@uws.edu.au

Research Candidates: future researchers

Research candidates are important members of the University research community and are encouraged to participate in the University research culture through conferences, workshops and seminars. UWS provides specific support for research education. There are scholarships, research seminars, workshops and funds to support research candidates.

The Dean of Research Studies maintains oversight of postgraduate research and its development.

Good supervision

Supervision of research higher degree candidates is a critically important and highly specialised form of academic teaching. Research candidates are exciting and can be challenging. Your role as a supervisor is to guide your students to success in their studies and to further their chosen career. The University recognises the importance of your role and UWS governance, policies and support units are focused on assisting you to succeed as a supervisor.

UWS uses a panel system of supervision. Panels introduce additional expertise as many research candidates are drawn to the interdisciplinary possibilities for research at UWS and they also provide a backup should the principal supervisor be absent for any reason. Panels also mentor new supervisors in a co-supervisory role and may involve experts who are external to UWS. Co-supervision is part of teaching workload at UWS. All panels have a principal supervisor who takes a leadership role in the management of the candidature.

The quality of higher degree graduates is related to the quality and intensity of supervision. There have been two broad measures undertaken to assist in the development of supervisor skills and expertise at the University. UWS has established the Graduate's Supervisor Register and implemented a program of Supervisor Forums for the sharing of ideas and strategies related to the pedagogy of supervision and the discussion of institutional issues that occur during candidature. Attendance at a Forum meets one of the requirements of registration on the Graduate Supervisor Register.



Graduate Supervisor Register

All Principal Supervisors must be registered on the Graduate Supervisor Register. There is a copy of the Register at:

http://www.uws.edu.au/research/current_research_students/supervision/supervisor_register

Registration on the Graduate Supervisor Register is achieved through attendance at a Supervisor Forum once every three years and by the UWS Research Studies Committee's determination. Please forward your application to the Research Studies Committee Executive Officer, Sandra Lawrence, sg.lawrence@uws.edu.au. An application form is available from:

http://www.uws.edu.au/research/current_research_students/supervision/supervisor_register

Supervisor Forums

The University supports research higher degree supervisors to ensure all supervisors have a positive and quality experience. The aim of the Forums is to ensure that research supervisors have the most recent information about national, international and UWS policies and processes for managing research supervision. The sessions also act as an open forum for both experienced

and inexperienced supervisors to share ideas and strategies for good supervision practices. The sessions are important in promulgating new policies and promoting discussion about best practice for supervision. The program is always evolving and accommodates the range of needs of research supervisors at UWS.

Admissions

Applications for admission to a research higher degree are welcomed at anytime. The Registrar's Office accepts applications via an online portal

<https://applyonline.uws.edu.au/con1calprod/webconnect> The Research Training Scheme place (RTS) is the mechanism under which the Australian Government funds research training.

Scholarships

UWS offers outstanding local and international candidates Higher Degree Research (HDR) scholarships. All stipend scholarships are allocated centrally through the UWS Research Studies Committee. There are no College quotas.

Yarramundi Higher Degree Research Scholarships

The Yarramundi Scholarships Scheme strengthens and supports Indigenous participation in higher degree research at UWS. Scholarships are available to candidates seeking admission to higher degree research at either research masters or doctoral level. For more information on admissions and scholarships see:

http://www.uws.edu.au/research/future_research_students

Research Higher Degree Rules and Policies

The UWS Research Studies Committee is a standing committee of Academic Senate and is chaired by the Dean of Research Studies. The Committee is responsible for individual candidature management and policy and practice relating to higher degrees at UWS. The web pages under the Office of Research Services have detailed information about rules and policies, including minimum/maximum completion times and how to seek approval for variation to programs.

http://www.uws.edu.au/research/current_research_students

You can request a supervisor's handbook by contacting Mary Krone in the Office of Research Services, m.krone@uws.edu.au 02 4736 0463, Ext. 2463

Information about your research career

Research and Scholarship

Research and scholarship are defining characteristics of academic work.

Research achievements are important for the satisfaction and career progression of academic staff and the University offers internal research grant opportunities and support for staff in its Colleges, the Teaching Development Unit, the Student Learning Unit and Badanami, Aboriginal Education Centre to develop research capabilities and enable external research funding to be sought.

Success with Grants

'Grantsmanship' is a particular skill and the Office of Research Services has staff who provide intensive support for your efforts to initiate, facilitate and mount significant new regional, national and international research funding bids, including bids for major research centres and program grants.

Managing Research

Research time is precious and easily eroded unintentionally by personal, teaching and administrative demands that shift time, resources and focus from research activities. Successful researchers quarantine research time and actively seek mentoring from more senior researchers. This is particularly important for early career researchers but

also for women researchers at early and mid career stages as women may participate less in research, often to the detriment of their promotion prospects.

Postdoctoral Fellows: the new generation of researchers

UWS uses the Australian Research Council definition of an early career researcher (ECR) – typically, a newer investigator who has recently completed a PhD – within five years of the award of the doctorate – has not had any major funded research projects nor any previous grants or has worked in organisations outside the tertiary sector.

Support for ECR Research

The Research Seed Grants Scheme offers funding for the establishment of projects conducted by new investigators, supporting both individual investigators as well as small research teams of new researchers. For more information see:

http://www.uws.edu.au/research/researchers/funding_opportunities/internal_research_grants#Seed

ECRs and the Register of Research Activity

There is a modified threshold for achievement on the Register of Research Activity for early career researchers –

see: http://www.uws.edu.au/research/research_activity_register#3 (see under Research Policies in this Guide for information on the Register).

The HERDC publication collection is a key mechanism for returning research funding to Australian universities from the Commonwealth. UWS collects the details of its staff and student research publications via the web, enabling you to submit details at the time of publication or any time prior to the deadline.

<http://www.uws.edu.au/research/researchers/destpublications>

UWS collects the following publication categories: Books, Book Chapters, Refereed Journal Articles, Refereed Conference Publications, Patents and Major Original Creative Works. It is the authors' responsibility to ensure publications are entered into the system and hard copy verification is forwarded to the Data Officer, Office of Research Services by April of each year.

Any problems encountered with the online facility should be reported to the Data Officer, Mark Geloven, 02 4736 0846, Ext. 2846 or m.geloven@uws.edu.au. Macintosh users should contact the Data Officer before using the on-line facility.

Excellence in Research Australia (ERA)

The Excellence in Research for Australia (ERA) initiative of the Commonwealth is aimed at evaluating excellence in all areas of research, including pure and applied as well as industry collaborations, within the Australian higher education sector. It will seek to assess research quality using a combination of indicators and expert review by committees comprising experienced, internationally-recognised experts.

http://www.uws.edu.au/research/ors/research_quality_framework

Research Centres

The University has established a system of research concentration with a small number of flagship University Research Centres (URC) led by internationally recognised research professors. University Research Groups recognise groups of successful researchers in a field of research that is of strategic importance to UWS and may demonstrate a potential to grow. The aim of the Centre and Group program is to bring together intellectually cohesive groups of researchers to address well articulated problems, ranging from basic to applied research.

The University of Western Sydney has research centres in the following discipline areas: Cultural, Educational and Urban Research, Biological Sciences, Engineering and Technology, Psychology and Sociology.

The Centres are academic units hosted by a College and led by a Centre Director, while Schools host Groups. University Research Centres and University Research Groups can only be established through a rigorous external review process facilitated by the Pro Vice-Chancellor Research. Note: the name 'Research Centre' has been reserved by the Vice-Chancellor for Centres designated through this process. Recognising that

Schools are the natural incubators of research strength, emerging research groupings are designated within the Schools and Colleges through review processes established by the Colleges and Schools.

Performance benchmarks have been set for University Research Centres (URC) and University Research Groups (URG) against relevant national and international concentrations of research, over and above the expectation that they will become self sufficient in the medium term. At minimum, URC should exceed all UWS averages on research performance measures. Centres in science and technology fields should have an annual external research income of \$2 million; social sciences – annual external research income \$1 million; humanities – between \$500K and \$1 million annual external research income. The income expectations exclude research performance funding returned to Centres, that is, RIBG, JRE, RTS. Publications rate for members should be above the sector wide average. The UWS threshold to qualify on the Register of Research Activity is considered a baseline measure which should be significantly exceeded by researchers who are members of URC.

Research Centres

For a complete list of Centres and Groups see: http://www.uws.edu.au/research/research_centres

Centre for Cultural Research

The Centre for Cultural Research (CCR) is a leading interdisciplinary research centre based in the College of Arts. CCR aims to build the cultural intelligence needed to address the cultural challenges and contradictions of a 21st century world that is increasingly globalised, diverse and technologically mediated. Building cultural intelligence means recognition that confronting issues in their full complexity is the most practical path to generating solutions to contemporary cultural and social problems. The Centre undertakes practice-oriented interdisciplinary research that feeds into cutting-edge academic scholarship, for which CCR is nationally and internationally recognised.

Dr Brett Neilson, Director
Contact Details
Building EM, Parramatta Campus
Ph: +61 2 9685 9600
Fax: +61 2 9685 9610
Email: ccr@uws.edu.au
<http://www.uws.edu.au/ccr>


Centre for Educational Research

The Centre for Educational Research undertakes research which explores the role of education in understanding, critiquing, and responding to social, economic and policy issues impacting upon the capacity of people, families, communities and institutions to exist and develop as ethical, socially just and sustainable entities. In particular, the Centre's research is concerned with those individuals, families and communities often found in western Sydney and in similar urban communities, whose choices are constrained by social, economic or political disadvantage.

Professor Christine Halse, Director
Contact Details
Building 19, Bankstown Campus
Ph: +61 2 9772 6328
Fax: +61 2 9772 6432
Email: cer@uws.edu.au
<http://www.uws.edu.au/cer>

Centre for Citizenship and Public Policy

The Centre for Citizenship and Public Policy comes into being at a time when a major reappraisal of how humankind operates within the world is needed. The challenges we face require new ways of sharing ideas, information and practice, and our Centre



aims to facilitate research that can lead and inform the public conversations our times demand.

Professor Anna Yeatman, Director
Contact Details

Ph: +61 2 9772 6865

Fax: +61 2 9772 6738

Email: ccpp@uws.edu.au

<http://www.uws.edu.au/ccpp>

Centre for Complementary Medicine Research (CompleMed)

The Centre for Complementary Medicine Research is a young, dynamic research centre that is responding to the challenges of changing healthcare needs. Like most of the western world, Australia is experiencing a rapid increase in the acceptance and use of complementary medicines. By building on the wealth of traditional medical knowledge the Centre for Complementary Medicine Research is creating new options for enhancing health and well-being that can be used in our modern healthcare environment.

Professor Alan Bensoussan, Director
Contact Details

Ph: +61 2 4620 3709

Fax: +61 2 4620 3291

Email: complemed@uws.edu.au

<http://www.uws.edu.au/complemed>

MARCS Auditory Laboratories

MARCS Auditory Laboratories is a vibrant research centre for basic and applied research on auditory perception and cognition with particular focus on the significant domains of speech, music, communication and hearing. Researchers backgrounds include: experimental psychology, developmental psychology, music, linguistics, phonetics, computer science, speech science, human factors, and engineering.

Professor Denis Burnham, Director
Contact Details Building 1, Bankstown Campus

Ph: +61 2 9772 6585

Fax: +61 2 9772 6040

Email: marcs@uws.edu.au

<http://www.uws.edu.au/marcs>

Centre for the Study of Contemporary Muslim Societies

The Centre for the Study of Contemporary Muslim Societies fosters comparative studies of contemporary Muslim communities. The centre is the UWS node of the National Centre of excellence for Islamic studies a collaboration of the University of Melbourne, Griffith University and the University of Western Sydney.

Research Centres

Professor Bryan Turner, Director

Contact Details

Building 7, Bankstown Campus

Ph: +61 2 9772 6219

Fax: +61 2 9772 6584

Email: cscms@uws.edu.au

<http://www.uws.edu.au/cscms>

Centre for Plants and Environment

The Centre for Plants and Environment provides innovative answers and solutions to complex problems arising from natural and commercial systems. The Centre's basic and applied research in plant environment interactions, plant production and post-harvest systems, food quality and protection contributes to the conservation, management and improvement of Australia's biodiversity, ecological sustainability, and food industry.

Professor John Cairney, Director

Contact Details

Building S34, Hawkesbury Campus

Ph: +61 2 4570 1125

Fax: +61 2 4570 1103

Email: cpeinfo@lists.uws.edu.au

<http://www.uws.edu.au/cpe>

Civionics Research Centre

The Civionics Research Centre is the first of its kind in Australia to conduct unique cross-disciplinary research across the Engineering, Construction and Industrial Design Disciplines. Research into this field will provide engineers with the feedback necessary to aid in optimising design techniques and understanding infrastructure performance, behaviour and state of condition to assist with intelligent maintenance and repair of structures in the future. The areas into which the Civionics Research Centre will initially focus its research efforts on are: Intelligent Infrastructure Design and Service, Health Monitoring of Infrastructure and Intelligent Maintenance and Repair of Infrastructure.

Professor Brian Uy, Director

Contact Details

Ph: +61 2 4736 0228

Fax: +61 2 4736 0137

<http://www.uws.edu.au/engineering/soe/research>



Urban Research Centre

The Urban Research Centre aspires to be an international leader in research and teaching initiatives involving cities and urban management. The Centre's approach to research is interdisciplinary, collaborative and innovative. Research methods and data are comprehensive, precise and effective.

The Urban Research Centre engages in research relating to Sydney's urban growth, its rapid infrastructure development, its water supply and consumption, public private partnerships, housing issues, economic development pathways, sustainability and governance.

Professor Phillip O'Neill, Director
Contact details Level 6, 34 Charles St,
Parramatta

Phone: +61 2 8833 5988

Fax: +61 2 9891 5899

Email: urcadmin@uws.edu.au

<http://www.uws.edu.au/urban>

The Research Framework 2009–2013 builds upon the demonstrable research success of the University over the past decade and provides direction for the next five years. There are five research goals to be achieved by 2015. These are ambitious goals, requiring a concerted increase in research activity through strategic and targeted investment in researchers and infrastructure.

1. Increase overall research intensity and performance
2. Achieve outstanding quality in research and scholarship
3. Enhance and increase the scope of our productive research groups
4. Develop effective research partnerships
5. To provide a rich and stimulating environment for research students

The Research Framework comprises strategic initiatives and improvement actions to deliver these, will help UWS realise its goals against key performance measures. These include competitive research grant income and a strong reputation in applied research in Greater Western Sydney and beyond.

Governance

The academic governance of research at UWS is the responsibility of two Academic Senate Sub-Committees – the Research Committee (Chair – Pro Vice-Chancellor, Research) and the Research Studies Committee (Chair – Dean of Research Studies). The Office of Research Services supports these committees.

Executive Officers:

Research Committee, Jason White,
ja.white@uws.edu.au
Research Studies Committee, Sandra Lawrence, sg.lawrence@uws.edu.au

Benchmarks

UWS seeks to benchmark research performance across the University, in its Research Centres and Research Groups and in its Schools. Performance benchmarks have been set for University Research Centres (URC) against relevant national and international concentrations of research, over and above the expectation that they will become self sufficient in the medium term. An annual report of each school's contribution to the University's research goals informs performance management for Heads of Schools, setting in place some basic benchmarking including external applications. For performance data see: http://www.uws.edu.au/research/ors/activity_strengths

University Policy documents can be found on the web at <http://policies.uws.edu.au/masterlist.php>

The following introduces some of the key research policies and procedures that are in place at UWS to facilitate research activity.

Animal Ethics

All research or teaching exercises involving interaction with animals must have the approval of the UWS Animal Care and Ethics Committee before it can proceed.

Research Ethics Coordinator,
Mr Raj Paramanathan
animalethics@uws.edu.au
02 4736 0884, Ext.2884

Biosafety and Radiation Safety

All research that involves the preparation and/or use of recombinant nucleic acids constructed in vitro from sources that do not ordinarily recombine genetic information requires clearance from the Biosafety Committee. Where a project requires the use of ionising radiation, the Committee will require personnel to have appropriate training and hold a current licence issued by the appropriate State authority before payment can be made under a grant.

Research Ethics Coordinator,
Mr Rah Paramanathan
BioSafetyRadiation@uws.edu.au
02 4736 0884, Ext.2884

Commercialisation

All commercialisation activity is handled through the UWS Innovation and Consulting. See <http://www.uws.edu.au/innovate>

The Office of Legal Counsel provides legal advice to both ORS and UWS Innovation and Consulting on research and commercialisation matters.

Contracts and Agreements

UWS prides itself on conducting research projects professionally and efficiently and in a way that minimises risk for all involved. To ensure this, all funded research projects are based on contractual relationships in which the expectations of all parties are clearly set out between the University and the funding body.

All research contracts are managed through the Office of Research Services which organises all necessary authorisations.

Please note: individual researchers cannot enter into research agreements on behalf of the University.

Consultancies, other than contract research, and all commercialisation activity are handled through the UWS Innovation and Consulting. For more information see:

<http://www.uws.edu.au/research/consultancy>

Ethical Conduct of Research Practice

At UWS, research is carried out in accordance with the Research Code of Practice. For more information see:

<http://www.uws.edu.au/research/researchers/ethics>

Human Ethics

All research projects conducted by UWS staff or students involving human participants, whether funded or unfunded, must have ethical clearance before the project commences. At UWS, all research is conducted under the auspices of the National Statement on Ethical Conduct of Research on Humans 2007.

<http://www.nhmrc.gov.au/publications/subjects/human.htm>

Human Ethics Officer:

Kay Buckley, k.buckley@uws.edu.au 02 4736 0883, Ext. 2883

For more information see:

http://www.uws.edu.au/research/researchers/ethics/human_ethics

Integrity in Research Committee and Conflict of Interest

The University of Western Sydney Integrity in Research Committee has the responsibility for advising on high level issues relating to the ethical and professional conduct of research.

The Committee provides confidential advice to both staff and students on ethical issues in research matters, including potential conflicts of interest, of any kind, and advises to the Vice-Chancellor on issues of integrity in research. The Committee does not have a role in the administration of ethics protocols at UWS nor in the management of misconduct in research at UWS (for more information on misconduct see the Academic Staff Agreement).

For more information:

http://www.uws.edu.au/research/researchers/ethics/integrity_in_research_committee

Intellectual Property

As a general principle UWS owns any intellectual property right developed by a staff member in pursuance of his or her contract of employment or using the resources or facilities of the University. In certain instances the ownership of any intellectual property shall be the subject of negotiation involving



the external organisation and the University through UWS Innovation and Consulting.

<http://policies.uws.edu.au/view.current.php?id=00085>

Students own their own intellectual property, which they may in certain circumstances be asked to assign to UWS.

Register of Research Activity

UWS is proud of the productivity of its research-engaged staff and is committed to supporting both its productive and emerging researchers in a strategic manner. To assist with this aim, it is essential for the University to:

- recognise and reward researchers' efforts
- identify where its active researchers are institutionally located, and
- know about researchers' support and progress

The Australian Government (DEEWR) requires that universities establish formal criteria for the designation of Research Active Staff. The UWS Register of Research Activity uses DEEWR recognised research activity measures: external research income, publications and research candidate completions. The UWS Research Committee monitors the threshold levels of activity for each of these measures annually

in order to respond to the University's improving research performance. Contact the Data Officer, Tel: 4736 0846, Ext. 2846 or email: m.geloven@uws.edu.au

For more information:

http://www.uws.edu.au/research/researchers/research_activity_register

All UWS research outputs and projects of researchers can be accessed at the UWS Research Portal:

<https://research-report.uws.edu.au/wpubs/portal.asp>

Research Funding

The structure of research funding for universities from Commonwealth Government schemes is changing due to reforms under the Australian Government. A new scheme has been established, the Sustainable Research Engagement Scheme (SRE) which will help address an identified shortfall in the funding available to meet the indirect costs associated with ACG research. The Institutional Grants Scheme (IGS) has been rebranded as the Joint Research Engagement (JRE) scheme. The other research income streams are the Research Infrastructure Block Grant (RIBG) and the Research Training Scheme (RTS).

Research Performance Funding

UWS is committed to making effective use of its growing research income streams. The bulk of JRE (Joint Research Engagement) funding (80%) is returned to colleges on the basis of actual performance. The UWS Research Incentive Fund provides incentives for Colleges based on research performance. Colleges strategically allocate these funds to Schools and University Research Centres on the basis of proven performance, holding back a small portion for research initiatives. A proportion of the total JRE received by UWS is held centrally for strategic research initiatives on the advice of the Pro Vice- Chancellor, (Research).

UWS has developed a guide for Colleges on the appropriate expenditure of RIBG (Research Infrastructure Block Grant), JRE and RTS funding. The UWS Guide to DIISR Performance Funding Expenditure can be found at

http://www.uws.edu.au/research/ors/management_policies

Research Workload

UWS seeks to secure appropriate research workloads for all research active staff, particularly those successfully competing for major external funding.

UWS Resource Allocation for Research Resource allocation for research development and consolidation is a key component of the University Budget. UWS has a budget allocation model that provides significant support for research, as well as linking to the University's strategic goals. Research imperatives driving this model are:

- (a) improving overall research performance
- (b) performance incentives to reward Colleges for research achievement/activity
- (c) targeted support for UWS research concentrations and
- (d) targeted funding to improve the quality of research training at UWS.

Glossary

ARC	Australian Research Council
ACG	Australian Competitive Grant (same as NCG)
DEEWR	Department of Education, Employment and Workplace Relations
DIISR	Department of Innovation, Industry, Science and Research
DVC, A&R	Deputy Vice Chancellor, Academic and Research
ECR	Early Career Researcher
ERA	Excellence in Research Australia
GWS	Greater Western Sydney
HERDC	Higher Education Research Data Collection
HDR	Higher Degree Research
IP	Intellectual Property
IRIS	International Research Initiatives Scheme
JRE	Joint Research Engagement (Commonwealth quantum based on the University's research performance)
NCG	National Competitive Grant (same as ACG)
NHMRC	National Health and Medical Research Council
ORS	Office of Research Services
PVCR	Pro Vice Chancellor Research
RGDT	Research Grants and Development Team (funding opportunities, grants – pre-award)
Research Active	Staff who Qualify or are Provisional on the Register of Research Activity
RIBG	Research Infrastructure Block Grant (Commonwealth funding based on University's share of national competitive grants)
RTS	Research Training Scheme (Commonwealth funding for research degree places)
SRE	Sustainable Research Engagement (Commonwealth quantum based on the University's research performance and transparent costings).
URC	University Research Centre
URG	University Research Group

Contact details:

UWS Office of Research Services
Locked Bag 1797
Penrith South DC NSW 1797
Australia

Phone: +61 2 4736 2895

Fax: +61 2 4736 0905

<http://www.uws.edu.au/research>

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Booklets in the UWS Induction Series:

Teaching@UWS

Working@UWS

Research@UWS