

## 2012 Academic Speakers in Schools

As part of its Schools Action Plan, UWS has a register of professional speakers for schools. Speakers are available from across the university. Many are leaders in their fields. There is no charge associated with this initiative.

Following is a list of the speakers with their areas of expertise and samples of topics. If you would like one or more of these speakers to present at your school, please fill out and return the separate request form.

All arrangements will be made through the Schools Engagement Unit, which will monitor and evaluate the register's success. To ensure effective organisation and tracking, we ask you not to contact the speakers directly.

Due to university commitments and the popularity of some of our speakers, it may not always be possible to book the speaker of your choice for the date/s requested.

After each presentation we will ask you to fill out a brief evaluation form. Feedback is also welcome at other times.

For more information please contact:

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<b>Subject Area: English</b>					
<b>Speaker's Name:</b>	<b>Position:</b>	<b>Areas of Expertise:</b>	<b>Sample Topics:</b>	<b>Target audience:</b>	<b>Presentation length:</b>
<b>Laurel Jackson</b>	Lecturer  <b>School of Business</b>	Brand positioning, market segmentation, strategic research and analysis; customer database modeling and marketing to extract value from existing customer databases	- Marketing in Australia	Students and teachers	1 school period
			- Marketing in Asia		
<b>Aila Khan</b>	Associate Lecturer  <b>School of Business</b>	Marketing	- Advertising	Students and teachers	30 minutes
			- E-Marketing		
			- Marketing Research		

			- The Media and Western Sydney		
			- Multiculturalism and Religion		
<b>Professor Nikolas Kompridis</b>	Professorial Fellow  <b>Centre for Citizenship and Public Policy</b>	Philosophy and political theory	- Philosophy of Art, Music and Film	High school students and teachers	1 hour (minimum)
			- Secularism		
			- Democracy		
			- Freedom		
			- Modernity		
			- Multiculturalism		
<b>Dr Glenn Pearce</b>	Senior Lecturer  <b>School of Business</b>	Drama for learning practitioner Services Marketing New Frontiers in Marketing Puppetry and Ventriloquism (ventriloquist)	- The magic of ventriloquism	Students and teachers	1 school period
			- New frontiers in marketing		
			- Learning about marketing through drama		
			- 'Man, that's weird': bizarre marketing		
<b>Professor Simeon Simoff</b>	Dean of School  <b>School of Computing, Engineering and Mathematics</b>	Data mining/analytics and knowledge discovery, visual data mining and analytics, virtual worlds and immersive environments, visual computing, artificial intelligence, human computer interactions	- Cool ICT	Students and teachers	1 school period
			- The latest transmission media, characteristics of media and communication protocols		
			- Living in Virtual Worlds		
			- Analytics, Information Visualisation, Knowledge discovery		
			- ICT start here, go anywhere		
<b>Subject Area: Health</b>					
<b>Speaker's Name:</b>	<b>Position:</b>	<b>Areas of Expertise:</b>	<b>Sample Topics:</b>	<b>Target audience:</b>	<b>Presentation length:</b>
<b>Vasiliki Betihavas</b>	Associate Lecturer  <b>School of Nursing &amp; Midwifery</b>	Former student of UWS Undergraduate subject coordinator Critical Care/Trauma Primary health promotion	- Sport and health: all you need is 12 minutes...	High school students	20-40 minutes
			- Heart disease and health - Avocados are high in fat, that's what makes them good for you!		
			- Nursing at UWS		
			- Disability rights		

			- Health promotion strategies for young people who are at risk of using cannabis		
<b>Dr Elizabeth Halcomb</b>	Senior Lecturer, Family & Community Health Research Group Course Coordinator Master of Nursing  <b>School of Nursing and Midwifery</b>	Nursing research; chronic disease; nursing in general practice; nursing workforce	- Healthy lifestyles	High School students and teachers	can adjust to suit school's needs
			- Primary health – healthy communities		
			- Role of nurses		
<b>Sharyn McGee</b>	Head of Program, Peace and Development Studies  <b>School of Social Sciences and Psychology</b>	Sociology of health and mental health, drugs and addiction, ageing, children and the life-course	- Mental health and cannabis use	Teachers Students	1 school period
			- Health promotion strategies for young people who are at risk of using cannabis		
			- Spread of designer drugs among young people'		
<b>Dr Tina Naumovski</b>	Joint Chair in Traditional Chinese Medicine, Scientific Officer  <b>Centre for Complementary Medicine Research</b>	Complementary Medicine	- Good Health	High School students and teachers	Flexible
			- Nutrition (food)		
			- Chemistry, biology, anatomy/physiology		
			- Types of complementary medicine		
			- Issues re complementary medicine		
			- Study at university		
- Research at university					
<b>Subject Area: HSIE (History, Geography, Business Studies, Economics, Legal Studies etc.)</b>					
<b>Speaker's Name:</b>	<b>Position:</b>	<b>Areas of Expertise:</b>	<b>Sample Topics:</b>	<b>Target audience:</b>	<b>Presentation length:</b>
<b>Professor Michael Adams</b>	Head of School  <b>School of Law</b>	Internationally recognised specialist in corporate law, governance, securities markets regulation, and legal education	- Why study law?	Students and teachers	1 school period
			- The legal system		
			- Studying law at UWS		
<b>Dr James Arvanitakis</b>	Lecturer  <b>School of Humanities and Communication Arts</b>	Cultural and social analysis	- How to go from sitting on the couch to changing the world	High school students and teachers	30 minutes – 2 hours depending on school needs
			- Why we have a responsibility to the developing world		
			- Fair trade not free trade		
<b>Professor Andrew Beattie</b>	Professor of Agricultural Entomology	Entomology	- Agricultural Entomology	High school students and staff	1 teaching period
			- Integrated pest management - of pests and		

	<b>Hawkesbury Institute for the Environment</b>		<ul style="list-style-type: none"> <li>diseases of agricultural importance</li> <li>- Biological control - of insect pests</li> <li>- Origins of <i>Citrus</i></li> <li>- The threat posed to the commercial citrus production and <i>Citrus</i> germplasm by 'huanglongbing' - the world's most serious disease of citrus.</li> </ul>		
<b>Professor Lyn Carson</b>	Professorial Fellow in Applied Politics  <b>Centre for Citizenship and Public Policy</b>	Deliberative democracy, collaborative problem-solving, active citizenship	<ul style="list-style-type: none"> <li>- How do we collectively solve the big challenges of our time?</li> <li>- How to put people back into politics?</li> <li>- When government fails us, what then?</li> </ul>	Students studying Australian political system	Flexible
<b>Dr Louise Crabtree</b>	Research Fellow and Research Program Coordinator  <b>Centre for Citizenship and Public Policy</b>	Sustainability, sustainable/affordable housing and urban food systems	<ul style="list-style-type: none"> <li>- Urban living</li> <li>- Sustainability</li> <li>- Urban food systems</li> </ul>	Teachers Students	1 school period
<b>Dr Steven Drakeley</b>	Senior Lecturer, Asian Studies, International Relations  <b>School of Humanities and Communication Arts</b>	Indonesian history and politics, Islam, Southeast Asian international politics and Asia in general	<ul style="list-style-type: none"> <li>- Asian Studies</li> <li>- International Relations</li> <li>- Islam and Terrorism in SE Asia</li> </ul>	High school teachers and students	1 school period
<b>Professor Kevin Dunn</b>	Dean of School, Professor of Human Geography and Urban Studies  <b>School of Social Sciences and Psychology</b>	Geography, racism, religion, urban studies, planning	<ul style="list-style-type: none"> <li>- Geographies of racism</li> <li>- Immigration, migrant settlement</li> <li>- Islam in Australia</li> <li>- Town planning in NSW</li> </ul>	Teachers Students	30 minutes
<b>Anne Durie</b>	Associate Lecturer  <b>School of Law</b>	Company law, unincorporated associations	<ul style="list-style-type: none"> <li>- Why establish a company for my business?</li> </ul>	Senior high school students	1 hour
<b>Dr Remko Duursma</b>	Postdoctoral Fellow  <b>Hawkesbury Institute for</b>	Forest growth, forest hydrology, climate change and vegetation function, computer	<ul style="list-style-type: none"> <li>- Climate change effects on Australian forests</li> <li>- Water use of trees and forests</li> </ul>	Students, teachers	30 minutes or longer

	<b>the Environment</b>	modelling and data analysis, plant architecture	- Understanding graphs, charts and data		
<b>Professor David Ellsworth</b>	Professor <b>Hawkesbury Institute for the Environment</b>	Climate change	- Climate change	Teachers, students	1 period
<b>Dr James Farrell</b>	Lecturer <b>School of Business</b>	History of economic thought, macroeconomics, public policy, economic philosophy	- What is a normal interest rate? - Can we still turn to Keynes? - Should government fund private schools? - Government and personal responsibility	High school students and teachers	
<b>Professor Katherine Gibson</b>	Professorial Fellow <b>Centre for Citizenship and Public Policy</b>	Human Geography; Development Studies; Political Economy: Social Action	- Challenges for rural development in Asia - Local Economic Experiments with living in a climate changed world	Students and teachers	1 school period
<b>Laurel Jackson</b>	Lecturer <b>School of Business</b>	Brand positioning, market segmentation, strategic research and analysis; customer database modeling and marketing to extract value from existing customer databases	- Marketing in Australia - Marketing in Asia	Students and teachers	1 school period
<b>Ron Kelly</b>	Lecturer <b>School of Business</b>	Business: Human Resource Management/ Industrial Relations and Career Management	- Employment Relations - Links between Business degrees and work opportunities	High school students and staff	30 minutes
<b>Aila Khan</b>	Associate Lecturer <b>School of Business</b>	Marketing	- Advertising - E-Marketing - Marketing Research	Students and teachers	30 minutes
<b>Professor Nikolas Kompridis</b>	Professorial Fellow <b>Centre for Citizenship and Public Policy</b>	Philosophy and political theory	- Multiculturalism - Secularism - Democracy - Freedom - Modernity - Philosophy of Art, Music and Film	High school students and teachers	1 hour (minimum)
<b>Simon Kozlina</b>	Lecturer <b>School of Law</b>	Law	- Legal Studies - Law for Young People - Transition to University	High School students and teachers (year 10)	20 minutes

			- Introduction to Law at Uni	+) Teachers, students	1 school period
<b>Dr Bill Lucarelli</b>	Senior Lecturer <b>School of Business</b>	Global economics Financial economics	- The global financial crisis - The Australian economy		
<b>Dr Anil Mishra</b>	Lecturer (Finance) <b>School of Business</b>	Financial Economics Cross Border Investment International Financial Integration	- Where Do Australians Invest? - Australia's Cross Border Investment - Australia's Equity Home Bias	Teachers, Senior High School students	30 minutes
<b>Dr Robert Mulley</b>	Professor of Animal Science <b>School of Science and Health</b>	Animal Science, Farmed Deer, Meat Quality, Wildlife Management, Ecology of Carnivores	- Why study animal science? - Controlled breeding techniques - Wildlife management	Students and teachers	1 school period
<b>David Mutton</b>	Senior Lecturer <b>School of Social Sciences and Psychology</b>	Forensic Psychology	- Forensic psychology and the Law	High School students	30 min
<b>Dr Glenn Pearce</b>	Senior Lecturer <b>School of Business</b>	Drama for learning practitioner Services Marketing New Frontiers in Marketing Puppetry and Ventriloquism (ventriloquist)	- The magic of ventriloquism - New frontiers in marketing - Learning about marketing through drama - 'Man, that's weird': bizarre marketing	Students and teachers	1 school period
<b>Dr Peter Phibbs</b>	Professor <b>Urban Research Centre</b>	Urban research, contemporary urbanisation, community consultation, Climate Change	- Cities - Climate Change and Planning Cities - Urban living - Urban environments - Sustainability - Affordable housing	Teachers Students	-
<b>Dr Emma Power</b>	Lecturer <b>School of Social Sciences and Psychology</b>	Her research examines urban natures, everyday practices of sustainability and homemaking, and human – animal relations.	- Sustainability – the next generation – modelling behaviour	Teachers Students	1 school period
<b>Dr Gerda</b>	Research Fellow	Economic and human	- New farming practices in Australia centred		

<b>Roelvink</b>	<b>Centre for Citizenship and Public Policy</b>	geography; social movements and collective action	on landscape repair and caring for animals		
			- The anti-globalisation movement and economic experimentation around the world		
<b>Associate Professor Philip Ross</b>	Head of School <b>School of Business</b>	Accounting education, management accounting, local government audit	- Accounting	Teachers, students	1 teaching period
<b>Dr Penny Rossiter</b>	Lecturer <b>School of Humanities and Communication Arts</b>	History and Political Thought	- Women's Liberation Movement in Australia	Students and teachers	1 teaching period
			- Gender equity in Australia		
<b>Dr Michelle Sanson</b>	Senior Lecturer, First Year Coordinator <b>School of Law</b>	Studying Law The transition from school to university	- Why study law?	Senior students and teachers, careers advisors	1 teaching period
			- Career development		
			- The transition from school to university		
			- Making a contribution to society		
			- The legal system		
<b>Zoe Sofoulis</b>	Researcher <b>Centre for Cultural Research</b>	Water Culture, Social dimensions of urban water, Technology and culture	- International law	High school students and teachers	
			- Water in everyday Life		
			- Analysing technologies and human-technology relationships		
			- Interdisciplinary thinking		
<b>Maike Sundmacher</b>	Lecturer <b>School of Business</b>	- Work-related: Finance, in particular risk management and banking - Private: personal empowerment and broad Germany knowledge and experience (native German speaker)	- Uses of cultural research	Teachers and students from grade 4 onwards	1 – 2 hours but can adjust to suit school needs
			- Buy now, pay later – credit cards and other personal loans in the limelight		
			- Financial literacy – what is it and why should I care?		
			- I am in charge! My life, my responsibility!		
			- Future – who plans for that?		
			- Studying in a diverse culture at UWS: a student and lecturer perspective		
<b>Sharon Taylor</b>	Assoc. Head of School (Engagement) <b>School of Business</b>	Accounting	- I went to school in Germany – an insight into German primary school education	Teachers, Students	Can be customised to meet school's needs
			- Accounting		
			- Financial Planning		
			- Financial Literacy for teachers or students		

<b>Dr Richard Thomas</b>	Senior Lecturer <b>School of Science and Health</b>	Forensic Archaeology, research	- Forensic Archaeology	Students and teachers	1 school period
<b>Stephen Waters</b>	Lecturer <b>School of Business</b>	Business systems and services	- "Management Matters" board game. Present information in an interactive and fun environment, on the School of Management's current courses	Year 11 and 12 students	30 minutes to play the game, 10 minutes to explain objectives
<b>Dr Ian Wright</b>	Lecturer <b>School of Science and Health</b>	Pollution ecology and the use of freshwater macroinvertebrates as pollution indicators	- Biodiversity - Fresh water ecology	Students and teachers	1 school period

### **Subject Area: Information Technology**

<b>Speaker's Name:</b>	<b>Position:</b>	<b>Areas of Expertise:</b>	<b>Sample Topics:</b>	<b>Target audience:</b>	<b>Presentation length:</b>
<b>Associate Professor Jonathon Allen</b>	Associate Professor, Design <b>School of Humanities and Communication Arts</b>	Industrial design, innovation, new and emerging materials/technologies, futures	- Inventing the future	Very flexible – happy to work with any audience and can pitch it accordingly	Very flexible
<b>Dr Upul Gunawardana</b>	Lecturer <b>School of Computing, Engineering and Mathematics</b>	Engineering, mainly in telecommunications	- Engineering at UWS - Mobiles – behind the scenes	Year 10 – 12 students	20 – 30 mins
<b>Dr. Quang Vinh Nguyen</b>	Lecturer in Visual Analytics <b>School of Computing, Engineering and Mathematics</b>	Visual analytics, Information visualization, Computer Graphics	- How to deal with Information Visually - Advancing Computer Graphics - Future of ICT Visually	High school students and teachers	30 – 60 minutes
<b>Professor Simeon Simoff</b>	Head of School <b>School of Computing, Engineering and Mathematics</b>	Data mining/analytics and knowledge discovery, visual data mining and analytics, virtual worlds and immersive environments, visual computing, artificial	- Cool ICT - ICT start here, go anywhere - Living in Virtual Worlds - Analytics, Information Visualisation, Knowledge discovery	Students and teachers	1 school period

		intelligence, human computer interactions	- The latest transmission media, characteristics of media and communication protocols		
<b>Subject Area: Mathematics</b>					
<b>Speaker's Name:</b>	<b>Position:</b>	<b>Areas of Expertise:</b>	<b>Sample Topics:</b>	<b>Target audience:</b>	<b>Presentation length:</b>
<b>Dr Remko Duursma</b>	Postdoctoral Fellow	Computer modelling and data analysis, forest growth, forest hydrology, climate change and vegetation function, plant architecture	- Understanding graphs, charts and data	Students, teachers	30 minutes of longer
	<b>Hawkesbury Institute for the Environment</b>		- Water use of trees and forests		
			- Climate change effects on Australian forests		
<b>Dr James Farrell</b>	Lecturer <b>School of Business</b>	History of economic thought, macroeconomics, public policy, economic philosophy	- What is a normal interest rate?	High school students and teachers	
<b>Vikki Hardy-Crump</b>	Lecturer <b>School of Nursing and Midwifery</b>	Nursing 25 years experience of university teaching Surviving and passing the first year of uni All sciences applied to nursing Nursing mathematics	- Nursing mathematics is easy	High School students	30 – 60 mins.
			- Engaging the disengaged student		
<b>Subject Area: Professional Development</b>					
<b>Speaker's Name:</b>	<b>Position:</b>	<b>Areas of Expertise:</b>	<b>Sample Topics:</b>	<b>Target audience:</b>	<b>Presentation length:</b>
<b>Dr Ann Dadich</b>	Research Fellow <b>Centre for Industry and Innovation Studies Research Group</b>	Community-based support systems for young people, communicating research evidence to service providers and service users	- What can support groups offer young people with mental health issues?	High school students, staff	30 min (excluding question time)
			- How do we communicate research evidence to people who might benefit from it?		

<b>Vikki Hardy-Crump</b>	Lecturer <b>School of Nursing and Midwifery</b>	Nursing 25 years experience of university teaching Surviving and passing the first year of uni All sciences applied to nursing Nursing mathematics	- Engaging the disengaged student	High School students	30 – 60 mins.
<b>Dr. Alex Kristovics</b>	Lecturer <b>School of Business</b>	Organisational studies	- Ethical behaviour -Why does it so easily turn bad?	School staff	
			- New approaches in Leadership		
			- Motivation		
			- Conflict Management		
			- Team building		
<b>Dr Lesley Kuhn</b>	Senior Lecturer <b>School of Business</b>	Organisational studies, , Creative and Critical thinking, Epistemology Facilitation of Learning (organisational, group and individual)	- Learning Organisation	School staff	
<b>Professor Vaughan Macefield</b>	Professor of Integrative Physiology <b>School of Medicine</b>	Integrative physiology, Neuroscience, Microneurography, fMRI (brain imaging)	- Use of interactive science technology at school	Students and teachers	1 school period
			- Choosing Science as a career path		
			- Neuroscience		
			- Links between Science and Art		
<b>Sharyn McGee</b>	Head of Program, Peace and Development Studies <b>School of Social Sciences and Psychology</b>	Sociology of health and mental health, drugs and addiction, ageing, children and the life-course	- Mental health and cannabis use	Teachers Students	1 school period
			- Health promotion strategies for young people who are at risk of using cannabis		
			- Spread of designer drugs among young people'		
<b>Gill Murphy</b>	Lecturer <b>School of Nursing and Midwifery</b>	Mental health / mental health nursing	- Mental health nursing; mental health issues, identifying depression, anxiety.	Audience can be teachers, support staff in schools. High school children who are considering career choices.	60mins (could make it shorter for high school children)
			- Prevention of mental health issues.		
			- Service provision of mental health issues.		
			- Care of children who have parents with mental illness.		

			<ul style="list-style-type: none"> <li>- Identifying those at risk of suicide and self harm.</li> <li>- Understanding symptoms</li> </ul>	High school children regarding prevention of mental health issues	
<b>Maïke Sundmacher</b>	Lecturer <b>School of Business</b>	<ul style="list-style-type: none"> <li>- Work-related: Finance, in particular risk management and banking</li> <li>- Private: personal empowerment and broad Germany knowledge and experience (native German speaker)</li> </ul>	- Buy now, pay later – credit cards and other personal loans in the limelight	Teachers and students from grade 4 onwards	1 – 2 hours but can adjust to suit school needs
			- Financial literacy – what is it and why should I care?		
			- I am in charge! My life, my responsibility!		
			- Future – who plans for that?		
			- Studying in a diverse culture at UWS: a student and lecturer perspective		
			- I went to school in Germany – an insight into German primary school education		
<b>Dr. Meg Smith</b>	Lecturer <b>School of Business</b>	Employment relations	- Negotiation	School staff	30 minutes
			- Human resources and industrial relations issues		
<b>Subject Area: Science</b>					
<b>Speaker's Name:</b>	<b>Position:</b>	<b>Areas of Expertise:</b>	<b>Sample Topics:</b>	<b>Target audience:</b>	<b>Presentation length:</b>
<b>Dr Trevor Bailey</b>	Associate Head of School <b>School of Science and Health</b>	Chemistry	- Chemistry	Teachers, students at most levels	1 school period
<b>Professor John Bartlett</b>	Head of School <b>School of Science and Health</b>	Nanotechnology, Energy, Chemistry	- Nanotechnology	High School students, teachers	20 minutes – 1 hour
			- Energy		
			- Chemistry		
<b>Professor Jens Coorsen</b>	Professor of Molecular Physiology Head of the UWS Molecular Medicine Research Group	Cell biology/physiology, synaptic mechanisms, Proteomics, lipidomics	- Separating Molecules – how and why it's important in Biomedical Sciences	Teacher, staff, high school students	40 – 50 mins
			- Molecules-to-Cells (basically a simple primer on biological molecules and their assembly into the stuff of cells)		

	<b>School of Medicine</b>		- Imaging (very basic intro to microscopy and its contribution to modern biomedical research)		
<b>Associate Professor Miroslav Filipovic</b>	Associate Professor <b>School of Computing, Engineering and Mathematics</b>	Astronomy, physics	- Various topics from Astronomy	High School students, teachers	45 minutes
<b>Vikki Hardy-Crump</b>	Lecturer <b>School of Nursing and Midwifery</b>	Nursing 25 years experience of university teaching Surviving and passing the first year of uni All sciences applied to nursing Nursing mathematics	- Study techniques for Nursing science subjects - Chemistry for Nurses - Physics for Nurses - Death and dying	High School students	Depends on topic – 30 – 60 mins.
<b>Dr Cindy Kersaitis</b>	Lecturer <b>School of Science and Health</b>	Neuropathology of dementia	- Brain pathology & dementia. - The brain. - Why medical science research for a career? - You don't need to be a medical doctor to have a career in medical science research. - Medical research by scientists.	High school students and teachers	approx 30mins – very flexible
<b>Associate Professor Robert Kidd</b>	Associate Professor Human Anatomy <b>School of Science and Health</b>	The anatomical and anthropological components of Podiatric Medicine, anatomy	- Human anatomy - Human body systems	Teachers and high school students	1 school period
<b>Professor Vaughan Macefield</b>	Professor of Integrative Physiology <b>School of Medicine</b>	Integrative physiology, Neuroscience, Microneurography, fMRI (brain imaging)	- Use of interactive science technology at school - Choosing Science as a career path - Neuroscience - Links between Science and Art	Students and teachers	1 school period
<b>Dr Robert Mulley</b>	Professor of Animal Science <b>School of Science and Health</b>	Animal Science, Farmed Deer, Meat Quality, Wildlife Management, Ecology of Carnivores	- Why study animal science? - Controlled breeding techniques - Wildlife management	Students and teachers	1 school period

<b>David Mutton</b>	Senior Lecturer  <b>School of Social Sciences and Psychology</b>	Forensic Psychology	- Forensic psychology and the Law	High School students	30 min
<b>Dr Tina Naumovski</b>	Joint Chair in Traditional Chinese Medicine, Scientific Officer  <b>Centre for Complementary Medicine Research</b>	Complementary Medicine	- Good Health	High School students and teachers	Flexible
			- Nutrition (food)		
			- Chemistry, biology, anatomy/physiology		
			- Types of complementary medicine		
			- Issues re complementary medicine		
			- Study at university		
- Research at university					
<b>Dr Don Neely</b>	Senior Lecturer, Physics  <b>School of Science and Health</b>	General physics, including condensed matter physics and optics	- Physics	High School students and teachers	1 school period
<b>Professor Bill Price</b>	Professor of Nanotechnology  <b>School of Science and Health</b>	Nanotechnology and Nuclear Magnetic Resonance including MRI	- Nanotechnology	Teachers, senior high school students	1 school period
			- MRI		
<b>Vivienne Rae</b>	Lecturer  <b>School of Nursing and Midwifery</b>	Teaching and learning, science for nursing, science education.	- Transition to university study	High School students and teachers	30 minutes but is negotiable
			- Studying nursing		
			- Nursing as an applied science		
<b>Rachel Robbins</b>	Research Lecturer  <b>School of Social Sciences and Psychology</b>	Face and object recognition	- Telling apart your friends and your pets: Do dog-show-judges see dogs like the rest of us see faces? (based on Rachel's research)	Students and teachers	15 – 20 minutes
<b>Associate Professor Roy Tasker</b>	Assoc. Professor of Chemistry  <b>School of Science and Health</b>	Any topic in chemistry, interactive multimedia for learning, educational research	- Visualising the molecular world	Primary and High School students, teachers	1 hour but can adjust to suit
<b>Dr Richard Thomas</b>	Senior Lecturer  <b>School of Science and Health</b>	Forensic Archaeology, research	- Forensic Archaeology	Students and teachers	1 school period

<b>Dr Allan Torres</b>	Research Instrumentalist, Biomedical Magnetic Resonance Facility  <b>School of Science and Health</b>	Nanotechnology and Nuclear Magnetic Resonance including MRI	- Nanotechnology - Biomedical Magnetic Resonance	Teachers and high school students	1 school period
<b>Dr Gang Zheng</b>	Research lecturer  <b>School of Science and Health</b>	Development of new NMR/MRI diffusion experiments, solvent suppression in NMR experiments, diffusion experiments in magnetically inhomogeneous samples, protein aggregation and peptide lipid interactions	- Applications of solution NMR (Medical Nano, Magnetic Resonance)	Teachers and high school students	1 school period

### Subject Area: Vocational Education and Careers

<b>Speaker's Name:</b>	<b>Position:</b>	<b>Areas of Expertise:</b>	<b>Sample Topics:</b>	<b>Target audience:</b>	<b>Presentation length:</b>
<b>Professor Michael Adams</b>	Head of School  <b>School of Law</b>	Internationally recognised specialist in corporate law, governance, securities markets regulation, and legal education	- Why study law?	Students and teachers	1 school period
			- The legal system		
			- Studying law at UWS		
<b>Associate Professor Jonathon Allen</b>	Associate Head of School, Industrial Design  <b>School of Humanities and Communication Arts</b>	Industrial design, innovation, new and emerging materials/technologies, futures	- Inventing the future	Very flexible – happy to work with any audience and can pitch it accordingly	Very flexible
<b>Vasiliki Betihavas</b>	Associate Lecturer  <b>School of Nursing &amp; Midwifery</b>	Undergraduate subject coordinator Critical Care/Trauma Primary health promotion	- Nursing at UWS	Students and teachers	20-40 minutes
			- Sport and health: all you need is 12 minutes...		
			- Heart disease and health: Avocados are high in fat, that's what makes them good for you!		
<b>Dr Gihane Endrawes</b>	Lecturer  <b>School of Nursing and Midwifery</b>	Mental Health, trans-cultural nursing, professional Nurse	- Mental health: Causes, theories and burdens and treatment of mental illnesses	Can be catered and prepared to suit a specific age group	1 – 2 hours
			- Issues related to stigma, historical perspective on mental illness, legal and ethical rights and responsibilities, the role		

			of mental health nurse		
			- Trans-cultural Nursing: effective communication, cultural sensitivity, the meaning and importance of culture, ethnocentrism, cultural pain, culturally competent care.		
			- Professional Nursing: issues of accountability, ethical principles: autonomy, justice, fairness, beneficence, non-maleficence, moral dilemmas		
<b>Liz Flannery</b>	Associate Lecturer  <b>School of Nursing and Midwifery</b>	Intensive Care Nursing, Emergency management of severe burns, Advanced Life Support	- Diverse roles in nursing - The nurse's role in critical care - Why choose nursing as a career?	Year 10 students (prior to work experience placement) Year 11-12 contemplating career/university options	Very flexible
<b>Dr Upul Gunawardana</b>	Lecturer  <b>School of Computing, Engineering and Mathematics</b>	Engineering, mainly in telecommunications	- Engineering at UWS - Mobiles – behind the scenes	Year 10 – 12 students	20 – 30 mins
<b>Dr Elizabeth Halcomb</b>	Senior Lecturer, Family & Community Health Research Group Course Coordinator Master of Nursing  <b>School of Nursing and Midwifery</b>	Nursing research; chronic disease; nursing in general practice; nursing workforce	- Role of nurses - Primary health – healthy communities - Healthy lifestyles	High School students and teachers	can adjust to suit school's needs
<b>Vikki Hardy-Crump</b>	Lecturer  <b>School of Nursing and Midwifery</b>	Nursing 25 years experience of university teaching Surviving and passing the first year of uni All sciences applied to nursing	- Surviving and passing the first year of uni - Year 10 – Planning a Career - Becoming a Nurse in the 21 century - Study techniques for Nursing science subjects - Ethics and Nursing	High School students	Depends on topic – 30 – 60 mins.

		Nursing mathematics	<ul style="list-style-type: none"> <li>- Nursing mathematics is easy</li> <li>- Chemistry for Nurses</li> <li>- Physics for Nurses</li> <li>- Death and dying</li> </ul>		
<b>Professor Annemarie Hennessy</b>	Lecturer <b>School of Medicine</b>	Clinical Science	<ul style="list-style-type: none"> <li>- Preparation for Application to Medicine and Surgery (UMAT, interview, application and selection procedures, extracurricular activities).</li> <li>- Careers in Medicine</li> </ul>		
<b>Dr Cindy Kersaitis</b>	Lecturer <b>School of Science and Health</b>	Neuropathology of dementia	<ul style="list-style-type: none"> <li>- Brain pathology &amp; dementia.</li> <li>- The brain.</li> <li>- Why medical science research for a career?</li> <li>- You don't need to be a medical doctor to have a career in medical science research.</li> <li>- Medical research by scientists.</li> </ul>	High school students and teachers	approx 30mins – very flexible
<b>Simon Kozlina</b>	Lecturer <b>School of Law</b>	Law	<ul style="list-style-type: none"> <li>- Introduction to Law at Uni</li> <li>- Law for Young People</li> <li>- Transition to University</li> <li>- Legal Studies</li> </ul>	High School students and teachers (year 10 +)	20 minutes
<b>Dr Laretta Luck</b>	Assoc. Dean of School <b>School of Nursing and Midwifery</b>	Nursing and midwifery	<ul style="list-style-type: none"> <li>- Nursing – why do it?</li> <li>- Nursing at UWS</li> </ul>	Students, careers advisors, teachers	30 – 40 mins
<b>Professor Vaughan Macefield</b>	Professor of Integrative Physiology <b>School of Medicine</b>	Integrative physiology, Neuroscience, Microneurography, fMRI (brain imaging)	<ul style="list-style-type: none"> <li>- Use of interactive science technology at school</li> <li>- Choosing Science as a career path</li> <li>- Neuroscience</li> <li>- Links between Science and Art</li> </ul>	Students and teachers	1 school period
<b>Dr Robert Mulley</b>	Professor of Animal Science <b>School of Science and Health</b>	Animal Science, Farmed Deer, Meat Quality, Wildlife Management, Ecology of Carnivores	<ul style="list-style-type: none"> <li>- Why study animal science?</li> <li>- Controlled breeding techniques</li> <li>- Wildlife management</li> </ul>	Students and teachers	1 school period
<b>David Mutton</b>	Senior Lecturer, Master of Forensic Psychology Course Advisor	Forensic Psychology	<ul style="list-style-type: none"> <li>- Forensic psychology and the Law</li> </ul>	High School students	30 min

	<b>School of Social Sciences and Psychology</b>				
<b>Vivienne Rae</b>	Lecturer <b>School of Nursing and Midwifery</b>	Teaching and learning, science for nursing, science education.	<ul style="list-style-type: none"> <li>- Transition to university study</li> <li>- Studying nursing</li> <li>- Nursing as an applied science</li> </ul>	High School students and teachers	30 minutes but is negotiable
<b>Dr Michelle Sanson</b>	Senior Lecturer, First Year Coordinator <b>School of Law</b>	Studying Law The transition from school to university	<ul style="list-style-type: none"> <li>- Why study law?</li> <li>- Career development</li> <li>- The transition from school to university</li> <li>- Making a contribution to society</li> <li>- The legal system</li> <li>- International law</li> </ul>	Senior students and teachers, careers advisors	1 teaching period
<b>Associate Professor Caroline Smith</b>	Associate Professor <b>Centre for Complementary Medicine Research</b>	Acupuncture, Chinese medicine, research, women's health	<ul style="list-style-type: none"> <li>- What you should know about acupuncture</li> <li>- What's new in Chinese medicine? (in Australia 50% of the population use a complementary medicine)</li> </ul>	High School students	10 minutes
<b>Maïke Sundmacher</b>	Lecturer <b>School of Business</b>	Work-related: Finance, in particular risk management and banking Private: personal empowerment and broad Germany knowledge and experience (native German speaker)	<ul style="list-style-type: none"> <li>- Buy now, pay later – credit cards and other personal loans in the limelight</li> <li>- Financial literacy – what is it and why should I care?</li> <li>- I am in charge! My life, my responsibility!</li> <li>- Future – who plans for that?</li> <li>- Studying in a diverse culture at UWS: a student and lecturer perspective</li> <li>- I went to school in Germany – an insight into German primary school education</li> </ul>	Teachers and students from grade 4 onwards	1 – 2 hours but can adjust to suit school needs
<b>Dr Grace Yan</b>	Lecturer <b>School of Computing, Engineering and Mathematics</b>	Structural health monitoring Structural dynamics	<ul style="list-style-type: none"> <li>- High-rise buildings</li> <li>- Bridges and the health monitoring system on them</li> </ul>	High school teachers and students	1 hour

Please forward your requested speakers and topics to:

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