See your research on the *world* stage



M ICUR 2013 W

INTERNATIONAL CONFERENCE OF UNDERGRADUATE RESEARCH

Programme **10th May 2013**

Reinvention
An International Journal of Undergraduat

WELCOME TO THE MONASH-WARWICK INTERNATIONAL CONFERENCE OF UNDERGRADUATE RESEARCH 2013

We are thrilled to see this event take place. We believe this conference will offer presenters a special chance to display original early-career research, and contribute to an exciting element of academia. Our presenters have joined the conference from a variety of fields, but are all peers, creating an informal and supportive environment in which they can showcase their research and interests. This common ground encourages a collaborative approach: we hope the evening will help participants develop personal and professional friendships that carry into their futures, whether academic or in other fields

As our researchers present their ideas, they will practise a great number of transferable skills: from public speaking and constructive criticism to managing time constraints and synthesising their ideas in a variety of formats. These skills are highly desirable, and we are certain our presenters will value them in their future successes. For those continuing to postgraduate studies, the benefits of this event are even more compelling.

ICUR offers a very early chance to present original research to an academic audience, attract the attention of supervisors, and gain experience in an area fundamental to any academic career. Undergraduate research conferences are a growing area of interest in the United Kingdom, and have begun making inroads in Australia only in the last year. This forum will differ from its predecessors, as students from the University of Warwick and Monash University—including those participating from its international campuses in Malaysia and South Africa— present simultaneously in a singularly exceptional group.

Competitive travel stipends, awarded for high achievers from both Monash and Warwick to present their research tonight in England and Australia respectively, will help students to build connections with peers and educators overseas. This relationship, already demonstrated by joint-run teaching and research, can only be strengthened by increased student interaction between the campuses.



Professor Andrew Coats

Joint Academic Vice-President & Director of the Alliance

WELCOME FROM THE STUDENT ORGANISING COMMITTEE









Greetings and welcome,

We at the ICUR Student Committee are very excited about today's event. This conference represents a unique opportunity for students to connect within their respective universities as well as with their peers across the globe. We can expect to hear some fascinating and insightful presentations from a wide array of disciplines, which will provide an excellent opportunity for students to learn about what their peers are researching.

We are particularly honoured to be hosting stipend winners who have flown from the other side of the world to present: three each at Monash University, Caulfield and at the University of Warwick. Another highlight of the conference will be the joint sessions connecting Monash University in Australia, Malaysia, and South Africa with each other and the University of Warwick. These will be held via videoconference in rooms purpose built for the Alliance's initiatives. Imagine being able to interact with students across the globe in real time!

As students, we are mindful that learning is at the centre of our time at university. And so we are pleased to play host to several guided workshops that will present an opportunity for students to develop their knowledge in vital areas, including networking, public speaking and writing for publication.

Today would not have happened without the hard work of several key individuals: we offer special thanks to Dr Ernest Koh at Monash University and Caroline Gibson at the University of Warwick. We would like to especially single out in particular the leadership and energy of our committee member and project officer Jessica O'Leary. We also extend our thanks to all the volunteers and ambassadors at both Monash and Warwick for their commitment to ICUR. Most importantly, we thank all of today's undergraduate presenters – we feel privileged to provide a forum for you to display your effort and talent.

We hope that the inaugural ICUR will be the first of many, sparking a culture that celebrates undergraduate research and encouraging students to pursue projects whether independently or in collaboration with partners across cultures and continents.

ICUR 2013 Student Organising Committee

Jessica O'Leary, Tim Ziegler, Nonie Tuxen (Monash), and Tim Penn (Warwick).

ICUR 2013 Student Committee

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MONASH University
THE UNIVERSITY OF WARWICK

ABOUT MONASH UNIVERSITY

Named after engineer, military leader and public administrator Sir John Monash, Monash University was established by an Act of Parliament in 1958. Today, it has 62,998 students enrolled across eight campuses in Australia, Malaysia, and South Africa. Monash takes its reputation seriously. Monash has achieved an enviable national and international reputation for research and teaching excellence in a short 50 years. Monash is ranked in the top 1 per cent of world universities.

Monash is a university of transformation; the desire to make a difference informs everything it does. But it doesn't limit itself to good intentions – it puts every effort into making an impact, both at a local level and internationally. It is a global university with the ability to address global problems.



ABOUT THE UNIVERSITY OF WARWICK

The University of Warwick is one of the UK's leading universities with an acknowledged reputation for excellence in research and teaching, for innovation, and for links with business and industry. Founded in 1965 with an initial intake of 450 undergraduates, Warwick now has in excess of 22,000 students and is ranked comfortably in the top 10 of all UK university league tables.

Warwick is one of the top ten universities targeted by the Times Top 100 Graduate Employers. Warwick is renowned for excellence and innovation in esearch and in the 2008 Research Assessment Exercise was ranked seventh overall in the UK, with 65% of the University's research rated as 3* (internationally excellent) or 4* (world leading). Warwick's mission is to become a world leader in research and teaching.

KEYNOTE SPEAKERS



PROFESSOR ANDREW COATS

The joint keynote talk will be given by Professor Andrew Coats, Academic Vice President and Director of the Monash-Warwick Alliance.

Professor Coats was born in Melbourne and studied Medicine at Oxford and Cambridge. He commenced his cardiological training at St. Vincent's Hospital, Melbourne and completed a DM at Oxford and a DSc. at Imperial College, London.

Most recently he served as Chief Executive Officer of Norwich Research Park and Professor-at-Large at the University of East Anglia, both in the UK. Concurrently, he was Visiting Professor of Medicine at The University of Sydney in Australia, Consulting Professor for Research Strategy at the Chinese University of Hong Kong, and Guest Scientist at the Charité Medical School of Humboldt University in Berlin.

Previously he worked at The University of Sydney, as Deputy Vice-Chancellor and Dean of the Faculty of Medicine, Imperial College London, as Viscount Royston Professor of Cardiology, the University of Oxford and the UK's National Heart and Lung Institute.

A fully accredited physician and cardiologist in both the United Kingdom and Australia, Professor Coats has extensive experience in applied health. He has served as Chairman of the Australian Health Informatics Council and Clinical Director of Cardiology and Deputy Medical Director (Research and Development) of the Royal Brompton and Harefield NHS Foundation Trust in the UK.

Professor Coats has an MBA from the London Business School and has more than 30 years of boardroom experience. He is both a Fellow of the Australian Institute of Company Directors and a Member of the UK's Institute of Directors.

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KEYNOTE SPEAKERS



PROFESSOR ADAM SHOEMAKER

The opening keynote (Monash) will be given by Professor Adam Shoemaker, Deputy Vice-Chancellor (Education) of Monash University.

Professor Shoemaker came to Monash to undertake the role of Deputy Vice-Chancellor (Education) in 2007.

Before joining Monash, Professor Shoemaker was Dean of the College of Arts and Social Sciences at the Australian National University (ANU). He was also the Foundation Director of the ANU Research School of Humanities. He has extensive higher education management experience, having previously been Pro Vice-Chancellor at Queensland University of Technology and Professor and Dean (Faculty of Arts) at ANU. He has also been a Visiting Professor at the University of Toulouse II and the University of Antwerp.

Professor Shoemaker has a Bachelor of Arts with Honours from Queen's University (Kingston, Canada). He also has a doctorate from the ANU, and has been extensively published in the areas of Indigenous Australian history, literature, culture, and politics



DANNY WILDING

Political Lobbying and Media Relations

Danny will be presenting on the importance of getting involved in undergraduate research and the value of producing, rather than consuming, knowledge. He will speak about his experience of undertaking research as an undergraduate, his later role with the Reinvention Centre (the precursor to IATL), and what these experiences meant once he entered the graduate job market.

Danny studied Sociology with Social Policy as an undergraduate at the University of Warwick before studying part-time for a Masters in Social Research (also at Warwick). During his time at university, Danny was heavily engaged with the Reinvention Centre, writing a paper for *Reinvention: a Journal of Undergraduate Research* and acting as the Centre's representative on the national Student Learning and Teaching Network. He also worked on a number of research projects investigating the relationship between space, curriculum and pedagogy and the development of particular graduate capabilities in research-intensive higher education institutions. Danny was also responsible for the development, evaluation and dissemination of a student engagement model for the Centre.

Danny currently works for a political lobbying and public relations firm based in Westminster, working on a number of policy areas, including health and social care, generating economic growth, sport and animal welfare.

REINVENTION EDITORIAL TEAM









Jure Jeric (Chief Editor), Georgia O'Connor (Assistant Editor), James Hamp (Assistant Editor), Justine Vincin (Assistant Editor).

Reinvention is an online, peer-reviewed journal, dedicated to the publication of high-quality undergraduate student research. The journal welcomes academic articles from all disciplinary areas and all universities. All articles undergo rigorous peer review, based on initial editor screening and refereeing by two or three anonymous referees.

In 2012 Monash University became partners in the journal which is now produced, edited and managed by students and staff at the University of Warwick in the UK and Monash University in Australia.

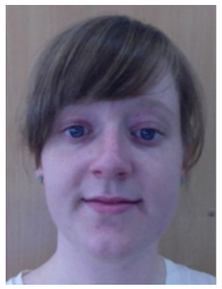
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THE UNIVERSITY OF WARWICK

STIPEND WINNERS
Monash University



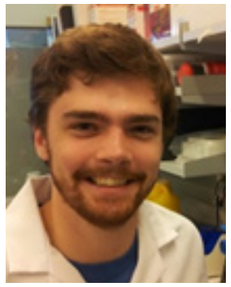
Michael Goddard
Faculties of Science and Law, Penultimate Year.

Michael Goddard is in the penultimate year of his Science/Law double degree at Monash University, Melbourne. He has extensive undergraduate research experience. In 2009/2010, he completed a three-month research internship at the Commonwealth Scientific and Industrial Research Organisation (CSIRO) in Canberra. In 2012/2013, the Australian Geographic Society awarded Michael a summer scholarship to conduct 12 weeks of environmental research in Tasmania. This year, Michael commenced an Honours thesis in Law, focusing on legal protection of indigenous traditional knowledge in Australia. At this conference, Michael will present research conducted as part of his Honours research year in Biology, undertaken in 2011. In his spare time, Michael enjoys beekeeping, gardening and playing football.



Rebecca Nealon
Faculties of Science and Engineering, Honours Year.

After finishing an undergraduate degree in Aerospace Engineering/Science I am now continuing my studies with Honours in Astrophysics. For next year I am considering postgraduate study, possibly leading to a career in research and hopefully based on work similar to what I'm doing now. My current project is examining the inner edge of the accretion disc around black holes, primarily using simulations. When I'm not studying I enjoy running, spending time with friends and family and finding time to pick at guitar. I am delighted to participate in this conference and to be given the opportunity to present some of my research.



Joshua Hardy
Faculty of Biomedical Science, 3rd Year.

I am currently in my third year of my Bachelor of Biomedical Science. My exposure to research occurred as a result of a mentoring program in which I was able to talk to professional researchers and work beside them in the laboratory. Since then, I have taken part in semester research units and vacation scholarship programs. Outside of university, I enjoy playing badminton, guitar, and spending quality time with my friends. I also assist in leading youth and young adult programs at my local church. I have a passion for research with a clinical application and aspire to develop novel treatments for disease.

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STIPEND WINNERS
University of Warwick



Jure Jeric
Faculty of Social Sciences, PPE, 3rd Year.

Jure is in his third year, reading Philosophy, Politics and Economics at the University of Warwick. His main academic interests are within the wider area of public policy, with a special focus on the study of democratisation and constitutional design through the lens of comparative politics.

Jure is the editor of *Reinvention*, an international undergraduate research journal, and has been awarded two research scholarships via the Undergraduate Research Scholarship Scheme and the Student as Producer Fund, as well as the Phillipa Sherrington Prize for academic excellence.



Clare Siviter
Faculty of Arts, French, 4th Year

I am a fourth and final year undergraduate in French Studies at the University of Warwick, having spent a year as an Erasmus student at the Université Michel de Montaigne, Bordeaux, France. Warwick's abundance of opportunities has encouraged my interest in the evolution of neoclassical French tragedy, specifically the seventeenth-century Racine, up until the firm advent of Shakespeare in France in the nineteenth century. I believe the analysis through the performance of gender is crucial to evolving this area of study and consequently I intend to take this research to postgraduate level at Warwick next year.



Katie Page
Faculty of Arts, Film Studies, 3rd Year.

My name is Katie Page and I am a final-year Film Studies student at the University of Warwick, hoping to go into tourism marketing when I graduate. I was born in Kenya and lived in Uganda until I was 8, and have always had a passion for travel and learning about different cultures. I am the Publicity and Marketing Executive for Warwick Film Studies Society and for Warwick Sailing Club. My motto in life is 'if you can dream it, you can achieve it', and receiving the stipend has definitely intensified this belief!

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Programme Outline
Friday 10th May, 2013

Time (AUST)	Time (UK)	Event – Monash	Event – Warwick
13:00	04:00	Registrations and Monash Abroad Warwick exchange info: Foyer outside B215 / B224	
13:40	04:40	Opening Remarks: B214	
14:00	05:00	Session 1A – B215 Session 1B – B214 Session 1C – B224 Session 1D – E224	
15:00	06:00	Tea Break & Skill Session B224	
15:30	06:30	Session 2A – B215 Session 2B – B461 Session 2C – B224 Session 2D – E224	
16:30	07:30	Tea break, skill session and poster session B224 / Foyer	Registration and Breakfast
17:00	08:00	Introduction to Joint Conference: B461/R0.12	
17:15	08:15	Session 3A – B215 Session 3B – B461 Session 3C – B224 Session 3D – E224	Session 3B – R0.12
18:15	09:15	Session 4A – B215 Session 4B – B461 Session 4C – B224	Session 4B – R0.12
19:15	10:15	Dinner: Foyer outside B215 / B224 and Poster Session	Tea Break and Poster Session Ramphal Foyer / R0.12
20:00	11:00	Joint Keynote: B461/Ramphal R0.12	
20:30	11:30		Skills Session R0.12
21:30	12:30		Lunch and Keynote Research Exchange, Library
22:30	13:30		Session 5A – R0.12 Session 5B – R1.03 Session 5C – R1.15
23:30	14:30		Session 6A – R0.12 Session 6B – R1.03 Session 6C – R1.15 Session 6D – R1.04
00:30	15:30		Tea Break and Poster Session
01:00	16:00		Session 7A – R0.12 Session 7B – R1.03 Session 7C – R1.15 Session 7D – R1.04
02:00	17:00		Closing Session and Prizes R0.12

SKILLS SESSIONS

MONASH UNIVERSITY

How to get published in *Reinvention: an International Journal of Undergraduate Research*

Location: B224 – 3:00 pm

Led by Jure Jeric, Georgia O'Connor and Justine Vincin, *Reinvention* Editorial Team

This session, led by three members of the Reinvention editorial team, will offer students the opportunity to learn about getting published in an international peer-reviewed publication. The editors will run through tips and tricks to getting published – from avoiding common errors made by potential authors to knowing what makes a good paper.

Networking at Conferences: A How-To Guide

Location: B224 – 4:30 pm

Led by Carolyn Värk, Monash Careers and Employment

Learn how to enhance your conference experience through effectively networking with employers and other delegates. This networking seminar will focus on developing an elevator pitch, asking informative questions and learning how to approach employers professionally.

Carolyn Värk has a diverse background in education including careers consulting and teaching, in addition to experience in human resources. She is currently working within Employment and Career Development at Monash University as a Careers Education Consultant.

UNIVERSITY OF WARWICK

Working a Conference with Confidence

(ways to increase your confidence when presenting and networking at conferences)

Location: R0.12/11:30 am

Led by Nathalie Dalton-King, URSS

This workshop will give you some practical tips on how to overcome your nerves and deliver presentations with ease and confidence as well as helping you maximise networking opportunities and learn strategies to make the most of new contacts. You'll develop your confidence and communication skills, and practise them in a relaxed environment.

Dr Nathalie Dalton-King is a Co-ordinator for the URSS: Warwick Undergraduate Research Scholarship Scheme. Nathalie knows first-hand the importance of transferrable skills both during a research project (she completed her PhD in 2008) and for future employment. She tutors student workshops on various topics, helping them maximise their skills.

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PAPER SESSIONS

2PM, MONASH UNIVERSITY

SESSION 1A – MONASH
Venue: B215

Affordability of a healthy diet in Victoria
Bethany Whitcher, Larissa Telfer, Wen Liu, Popsy Chan
(Nutrition and Dietetics – Clayton)

SESSION 1B – MONASH
Venue: B214

Outcomes of patients admitted to intensive care after cardiac arrest
Saada Malouf
(Medicine – Clayton)

Trends in Incidence of out-of-hospital cardiac arrest in Perth, Western Australia, 1996-2010
Stephanie Di Palma
(Biomedical Science – Clayton)

Acute Myocardial Infraction Research
Fiona Pavan
(Medicine – Clayton)

SESSION 1C – MONASH
Venue: B224

Pre-Revolutionary cross-dressing in late 18th-century France: Beaumarchais' *Le Mariage de Figaro*
Clare Siviter
(French Studies – Warwick)

'Where there are many women there are many witches': The Social and Intellectual Understanding of Femininity in the Malleus Maleficarum (1486)
Jessica O'Leary *Arts Writing Up Fellow*
(History – Clayton)

Martin Luther and Erasmus of Rotterdam
Hannah Gordon
(History – Clayton)

SESSION 1D – MONASH
Venue: E224

Sensitivity of sub-tropic climate systems to tropical surface temperature changes
Nathan Eizenberg
(Science – Clayton)

On The Wake Of Sinusoidal Hills
Peter Firus
(Engineering – Clayton)

Chemical Looping Combustion of Victorian Brown Coal
Ashley Marshall and Marthinus Jacobs
(Engineering – Clayton)

PAPER SESSIONS

3:30PM, MONASH UNIVERSITY

SESSION 2A – MONASH
Venue: B215

Women, Marriage, and HIV- The Potential of the Female Condom in Southern Africa
Lucy Farrar *Arts Writing Up Fellow*
(International Studies – Clayton)

A Pharmacist-Led Smoking Cessation Program Targeting Pregnant Women and Partners Of Pregnant Women – A Pilot Study
Rachel Vorlander
(Pharmacy – Parkville)

What men know about prostate cancer, symptoms and treatment: a study of men aged 18 years and older
Rosemary Sanderson
(Medicine – Gippsland)

SESSION 2B – MONASH
Venue: B461

A multi-disciplinary perspective on family-centred care
Melissa Yu, Eka Kristina, and Stefan Batanjski
(Psychology – Clayton)

SESSION 2C – MONASH
Venue: B224

A case study of affordability of healthy food for peri-urban Local Government Area
Stephanie Ashby and Bree-Anne Pagonis
(Nutrition and Dietetics – Clayton)

Examining the making of paid maternity leave in Australia
Yan Yan
(Politics – Clayton)

Taking back control in an age of online data controllers: does the Privacy Act or the EU Draft Data Protection Regulation provide better mechanisms for individuals to take control of the information that is shared about them on social networks?
Kathryn Smith
(Law – Clayton)

SESSION 2D – MONASH
Venue: E224

Subjective and Objective Properties of Non-Linguistic Sounds
Thomas Burns
(Science – Clayton)

Uri Nation, Misinterpretation (?): A brief analytical study of the difficulties faced when translating nationalist discourse from the Korean language.
Adam Zulawnik *Arts Writing Up Fellow *
(Korean Studies – Clayton)

Woodstocking: Christopher Small's Musicking and the 1969 Woodstock Festival
Aaron Silver *Arts Writing Up Fellow*
(Music – Clayton)

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PAPER SESSIONS

5:15PM/3:15PM/8:15AM, MONASH UNIVERSITY AUSTRALIA AND MALAYSIA AND THE UNIVERSITY OF WARWICK

SESSION 3A – MONASH
Venue: B215

Derrida's Rabbits: Contemporary Post-Colonial Discourse in Shaun Tan's *The Rabbits*

Jack Kenchington-Evans
(Arts – Clayton)

Derrida's concept of unconditional forgiveness: Is it beyond human possibility?'

Madeleine Calleja

Exploring Extra-Judicial Narratives in Contemporary Australian Jurisprudence

Sean Mulcahy
(Law – Clayton)

SESSION 3B – MONASH / WARWICK
Venue: B461/R0.12

A protestant Self in the New World: Jean de Léry's *Histoire d'un voyage faict en la terre du Brésil*, (1578) and questions of sixteenth century identity

Lydia Furse
(French – Warwick)

Investigating the role of ghrelin in parasite induced inappetence in gastrointestinal infections

Rubaiyea Farrukee
(Biomedical Science – Clayton)

Does Foreign Direct Investment (FDI) affect Service Export Sophistication?

Wenn Cheah
(Economics – Warwick)

SESSION 3C – MONASH
Venue: B224

Temporal issues in serialised television fandom

Sarah Bell
(Arts – Gippsland)

We are designed to party! The celebration and containment of teenage rebellion in Skins and Misfits

Melanie Ashe *Arts Writing Up Fellow*
(Film and Television Studies – Clayton)

The Marketing of English Heritage through Cinema

Katie Page
(Film and Television Studies – Warwick)

SESSION 3D – MONASH/MALAYSIA
Venue: E224

Indoor Positioning using white LEDs

Jiun Choong
(Engineering – Clayton)

Mechanical Properties of Cellulose-Filled Membranes Prepared by Electrospinning and Solvent Casting

Muhammad Hafiz
(Engineering - Sunway)

Extraction and characterization of NCC from MCC via ultrasonication assisted acid hydrolysis

Muhammad Saad
(Engineering - Sunway)

PAPER SESSIONS

6:15PM/9:15 AM, MONASH UNIVERSITY AND THE UNIVERSITY OF WARWICK

SESSION 4A – MONASH
Venue: B215

TH2-prone FVB mice show smaller infarct growth and inflammation than Th1-prone C57BL.6 mice early after ischemic stroke

Shenpeng Zhang
(Biomedical Science – Clayton)

A role for micro-homology mediated end joining in intron loss in Arabidopsis thaliana

Edward Tasker
(Science – Clayton)

Plasmodium falciparum and human malaria

Caitlin Conway
(Science – Clayton)

SESSION 4B – MONASH / WARWICK
Venue: B461 / R0.12

Love, marriage, and the Indian diaspora

Nonie Tuxen
(International Studies and Women's Studies – Clayton)

Solving the Two-Body Quantum System with Elliptic Pair Potential

Rahul Chacko
(Physics - Warwick)

Multi-stakeholder diplomacy and the diplomatic toolkit

Christian Habla
(Arts – Clayton)

SESSION 4C – MONASH
Venue: B224

Role of Political Elites on building institutions and democracy in divided societies: Case Study of Bosnia and Herzegovina

Jure Jeric
(Philosophy, Politics, and Economics – Warwick)

An insight into money laundering in Southeast Asia

Ioan Nascu
(Law – Clayton)

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PAPER SESSIONS

1:30 PM/2:30 PM, UNIVERSITY OF WARWICK AND MONASH UNIVERSITY SOUTH AFRICA

SESSION 5A – WARWICK/ MONASH SOUTH AFRICA
Venue: R0.12

The Influence Of Westernized Television Soap Operas Like Generations On African Women's Morals, If It Is A Question Of Modernity Or Essentialised Cultural Identities

Thelma Madamombe
(Arts – South Africa)

(Dis)locating the canon in Postcolonial literature: comparative analysis of rewriting of history in Anne Hébert 's *Premier Jardin* and Maryse Condé 's *Traversée de la Mangrove*

Zuzanna Rabikowska
(French – Warwick)

Retweet and Facebook Share: The Usage of Social Media, particularly Facebook and Twitter, in Public Relations Strategies

Melissa Graham-Tsaperas
(Arts – South Africa)

SESSION 5B – WARWICK
Venue: R1.03

The Steady State of Black Hole Accretion Discs

Rebecca Nealon
(Science – Monash)

Woodwind players in Ancient Spartan society

Michael Wrench
(Ancient History and Classical Archaeology – Warwick)

Money, motivation and Managers: The effectiveness of incentive schemes used in the UK tunnelling industry

(Sarah) Saherabanu Chen
(Civil Engineering – Warwick)

SESSION 5C – WARWICK
Venue: R1.15

The place and significance of theatre practice within the field of trauma rehabilitation

Mia Lake
(Theatre and Performance Studies – Warwick)

Biomimetic fabrication of porous 3D apatite scaffolds for tissue engineering through the conversion of natural hierarchical structures

Michael Keary
(Mechanical Engineering – Warwick)

Land rental and rural monetisation in Roman Egypt

Nathan Murphy
(Ancient History and Classical Archaeology – Warwick)

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PAPER SESSIONS

2:30PM, UNIVERSITY OF WARWICK

SESSION 6A – WARWICK
Venue: R0.12

Reconstructing the Past to Better Anticipate the Future: Tree-Rings Reveal a 500-year Record of Inflows into Tasmania's Great Lake

Michael Goddard
(Science – Monash)

Population control in the reconstruction of society: A study of mass death in the Great Leap Forward and the Four Year Plan

Ching Fung
(Economics – Warwick)

Using a knock out mouse line to investigate the pathogenesis of an autism syndrome

Helen Whitley
(Biomedical Science – Warwick)

SESSION 6B – WARWICK
Venue: R1.03

Greeks on the Knife Edge: An Evaluation of Graeco-Scythian Relations in the Ancient World

Bradley Waters
(Classics – Warwick)

Vandal Loading on Footbridges

Ian Poole
(Civil Engineering – Warwick)

Instabilities in Solar Coronal Mass Ejections

Stephanie Yardley
(Physics – Warwick)

SESSION 6C – WARWICK
Venue: R1.15

'I am all for putting new wine in old bottles, especially if the pressure of the new wine makes the old bottles explode' (Angela Carter). Angela Carter's transformation of traditional tales and motifs in The Bloody Chamber

Catherine Moores
(English Literature – Warwick)

Covertime of Random Walks on a Polygon

Jianjun Zhao
(Statistics – Warwick)

Scanning Electrochemical Cell Microscopy Patterning of Epinephrine on Highly Oriented Pyrolytic Graphite

Sze-Yin Tan
(Chemistry – Warwick)

SESSION 6D – WARWICK
Venue: R1.04

Having problems with large classes? (Together, we can make a difference!)

Rajapriyah Anmpalagan
(Teaching English as a Secondary Language (TESL) – Warwick)

The contribution of benthic microalgae to an island lagoon's carbon budget and water chemistry

Annabel Plumeridge
(Biological Sciences – Warwick)

'Near-Peer' Teaching; Developing community spirit, competent professionals and better communicators whilst students teach students

Michael Hale
(Medicine – Warwick)

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PAPER SESSIONS

4:00PM, UNIVERSITY OF WARWICK

SESSION 7A – WARWICK
Venue: R0.12

Activating a Blood-Clot Busting Enzyme
Joshua Hardy
(Biomedical Science – Monash, Clayton)

YouTube, Children, and Storytelling in the Syrian Uprising: videos as Discourse and Their Power to Politicize Audiences
Jennifer Quigley-Jones
(History – Warwick)

Does the relationship between kinship carers and social workers have a psychological impact on the child?
Sandy Chamberlain
(Early Childhood Studies – Warwick)

SESSION 7B – WARWICK
Venue: R1.03

The Representation of Lesbianism in the Contemporary Hollywood Rom-Com (2000-present)
Emelia Quinn
(Film and Television Studies – Warwick)

Are Men better than Women in Chess? - The Econometrics of ratings and chess performance
Evan Yeo
(Economics – Warwick)

The Representation of Actresses in the late-eighteenth to early-nineteenth century: Sophia Baddeley, Mary Robinson and Sarah Siddons
Kate Graves
(English and Theatre Studies – Warwick)

SESSION 7C – WARWICK
Venue: R1.15

QED Plasmas- unlocking the power of the quantum world with high power lasers
Gerard McCaul
(Physics – Warwick)

How does acupuncture work for back pain?
Timothy Glass
(Medicine – Warwick)

To what extent does the hairdressing curriculum/ hairdressing training neglect or address cultural diversity?
Zoey Rhodes
(Centre for Life Long Learning – Warwick)

SESSION 7D – WARWICK
Venue: R1.04

How important is fatherhood in Virgil's *Aeneid* from a political and poetic standpoint?
Grant McCallum
(Classics – Warwick)

Rapid synthesis of nanocrystalline hydroxyapatite from biowaste eggshell via microwave irradiation for tissue engineering applications
Nathan Parsons
(Mechanical Engineering – Warwick)

Host protein interactions with RSV transcripts
Michelle Ossei-Williams
(Biomedical Science - Warwick)

POSTERS

Monash University: AU Time: 4:30-5pm, 7-7:30pm Location: B461

University of Warwick:
UK Time: 10.15-11am, 3:30-4pm Location: International Portal, Ramphal R0.12

4:30pm Monash

Obesity is a risk factor for patellar tendinopathy in middle-aged adults
Jessica Fairley, Medicine, Monash

Serum bicarbonate is a predictor of acute kidney injury in critical illness
Beth Cole, Medicine, Monash

7.15pm Monash / 10.15am Warwick

Characteristics of bone marrow lesions on knee MRI- a comparison between T1 and T2 sequences
Bonnie Liu, Medicine, Monash

C9 – a small bite of a big MAC
Jason Kong, Medicine, Monash

Use of Multidimensional Gas Chromatography Techniques To Detect Illegal Doping With Beta-2 Agonists
Eamon McGuire, Science, Monash

Heavy Quark Hadron Analysis in LHCb experiment
Slavomira Stefkova, Physics, Warwick

Designing a Microfluidics System for Controlled Protein Aggregation and Metal Chelation
Lara Kamal, Engineering, Warwick

Towards identification of the Turnip mosaic virus response gene TuNI in Arabidopsis thaliana
George Skalka, Biology, Warwick

3.30pm Warwick

Avian autophagy marker LC3 with a G120A mutation is not incorporated into autophagosomes
Jessica Wilkinson, Biology, Warwick

The Restitution of Ancient Artefacts
Sarah Irving, Classics, Warwick

What is the mechanism of seizure resolution? Investigating the possible release of ectonucleotidases in rat hippocampal brain models to attenuate seizure activity.
Priya Rallon, Neuroscience, Warwick

ONE WORLD. TWO UNIVERSITIES. INFINITE OPPORTUNITIES
MONASH University
THE UNIVERSITY OF WARWICK

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