



ST JOHN OF GOD
Subiaco Hospital

MEDICAL RESEARCH WEEK

9 MAY – 13 MAY 2016



Hospitality | Compassion | Respect | Justice | Excellence

WELCOME

Welcome to the second annual St John of God Subiaco Hospital Medical Research Week.

This event showcases the research undertaken at our hospital and other St John of God Health Care divisions, and offers an opportunity to further develop the skills of our researchers through participation in workshops.

Hospital research is critical to ensuring our clinical care is underpinned by the best evidence available to improve patient outcomes and develop new levels of clinical excellence. Research is undertaken across a variety of areas, including nursing, midwifery, medical and allied health practices to obstetrics, respiratory, orthopaedics, oncology, palliative care and pain treatment.

Last year we supported 62 research projects, including 14 projects with external collaborators, five with junior doctors and 17 oncology clinical trials. Much of the research is undertaken collaboratively with clinical, university and donor partners and we continue to seek new opportunities in other disciplines and clinical areas.

At this year's Medical Research Week, we are pleased to present a number of special guests including international speaker Dr Scott Berry, Senior Statistical Scientist at Berry Consultants and Assistant Professor at Texas A&M University. Dr Mustafa Khasraw medical oncologist at Royal North Shore Hospital, Sydney and senior research fellow at the NHMRC Clinical Trials Centre of the University of Sydney, will be leading several sessions. As well as A/Professor Leanne Boyd, Executive Director Nursing and Cabrini Institute at Cabrini Health in Victoria, as the keynote speaker for the Nursing and Midwifery Research Symposium.

I look forward to seeing you at the week's events.

A/Prof Nik Zeps

Director Medical Research Network
St John of God Subiaco Hospital



St John of God Subiaco Hospital Campus Map

12 Salvado Road, Subiaco WA 6008

Rest Rooms Information Cafe Accessible Parking Parking Main Walkway



www.sjog.org.au/researchweek

T: 08 9382 6111 F: 08 9382 6037 E: info.subiaco@sjog.com.au

Conference Centre Auditorium

MONDAY 9 May 2016

Platform Trials Workshop – Day One

Monday 9 May – Wednesday 11 May

Location: St John of God Subiaco Hospital, Level 3 Conference Centre, Function Room



SESSION ONE: 9.00AM – 12.00PM

Rationale and Introduction to Platform Trials

What's wrong with clinical trials *Dr Steve Webb*

Philosophy of adaptive trial designs using bayesian analysis *Dr Scott Berry*

Design Features of Platform Trials

The concept of domains and interventions, multifactorial, graduation and substitution and perpetuity *Dr Steve Webb*

Design features of platform trials: regimens, stopping rules, sub-group analyses, evaluation of interactions, and response adaptive randomisation *Dr Scott Berry*

PUBLIC LECTURE: 12.30PM – 1.30PM

Platform trials *Dr Scott Berry*

SESSION TWO: 2.00PM – 5.00PM

Applied Platform Trials

The role of simulations *Dr Scott Berry*

Embedding – the REMAP variant of a platform trial *Dr Steve Webb*

Examples of Trials

GBM AGILE *Dr Mustafa Khasraw*

OPTIMISE CAP *Dr Steve Webb*

Cancer Council Update Series

Location: State Library Theatre, Alexander Library Building, Francis St, Perth



PUBLIC LECTURE: 12.30PM – 1.30PM

'Brain cancer – disrupt, cure and collaborate' *Dr Mustafa Khasraw*



A/Prof Nik Zeps

Director Medical Research Network

Adjunct Professor Nikolajs Zeps is highly regarded internationally and nationally for his work in medical research.

With a Doctor of Philosophy (Science), he specialises in translational research in breast, gastrointestinal and gynaecological malignancies and medical ethics. As well as his work as the Director Medical Research Network, St John of God Subiaco Hospital, Dr Zeps undertakes a number of academic roles and sits on a variety of national and international committees.

He is a founding director and board member of the Australian Clinical Trials Alliance, Chair of the Cancer Biology Group of the Clinical Oncology Society of Australia and the Scientific Advisory Committee of the Australasian Gastro-Intestinal Trials Group. Dr Zeps was recently asked to co-chair the communications committee of the International Cancer Genome Consortium's new initiative on precision medicine.

He recently completed nine years of service for the National Health and Medical Research Council as a member of its Research Committee and Australian Health Ethics Committee and remains an active member of several of their working groups on national research policy.

Current academic appointments

Director Medical Research Network
St John of God Subiaco Hospital

Adjunct Professor, School of Health Sciences, Curtin University

Adjunct Professor, Centre for Comparative Genomics, Murdoch University

Adjunct Professor, Medical School, Notre Dame University

Adjunct Associate Professor, School of Surgery and the School of Pathology and Laboratory Medicine, The University of Western Australia

Current professional appointments

Chair, Cancer Biology Group, Clinical Oncological Society of Australia

Member of Australasian Gastro-intestinal Trials Group Scientific Advisory Committee

Member, Primary Care Cancer Collaborative Trials Group Operations Executive

Member, UWA Human Research Ethics Committee

Member, Scientific Advisory Committee of the St John of God Health Care Human Research Ethics Committee

Member, Founding Board of Directors, The Australian Clinical Trials Alliance

Member, Biobank Advisory Committee, Cooperative Research Centre for Living with Autism

Member, Canadian Tissue Research Network External Reference Committee



Dr Steve Webb

Director Clinical Trials

Dr Steve Webb (MBBS, MPH, PhD, FCICM, FRACP, FAHMS) is a senior staff specialist in intensive care medicine at Royal Perth Hospital and a Clinical Professor at the University of Western Australia and Monash University. He is a past chair of the ANZICS Clinical Trials Group, a founding director of the Australian Clinical Trials Alliance, a foundation fellow and member of Council of the Australian Academy of Health and Medical Sciences, and a member of the NHMRC Health Translation Advisory Committee. He is a recipient of more than \$75M in grant funding and has conducted multiple clinical trials, published in general medical journals, which provided definitive guidance on optimal management for patients with various forms of critical illness. Dr Webb plays a key leadership role in an international platform trial that is designed to determine optimal treatment for patients with severe community acquired pneumonia.



Dr Mustafa Khasraw

Dr Mustafa Khasraw is a medical oncologist at Royal North Shore Hospital in Sydney. He is also a senior research fellow at the NHMRC Clinical Trials Centre of the University of Sydney, Clinical Lead for the Cooperative Trials Group for Neuro-Oncology (COGNO), cancer research fellow at Deakin University with a leading role in several clinical and translational laboratory programs.

Dr Khasraw is a member of several research committees and the coordinating principal investigator for several multi-centre clinical trials. He has been the lead author of numerous manuscripts and book chapters and acts regularly as a reviewer for a number of scientific journals and grant review committees.



Dr Scott Berry

Dr Scott Berry is President and a senior statistical scientist at Berry Consultants, LLC. He earned his PhD in statistics from Carnegie Mellon University and was an Assistant Professor at Texas A&M University before co-founding Berry Consultants in 2000. He is adjunct faculty in the Department of Biostatistics at the University of Kansas Medical Center.

Since 2000, he has been involved in the design of hundreds of Bayesian adaptive clinical trials of pharmaceuticals and medical devices and has become an opinion leader in the field of Bayesian adaptive clinical trials. Some of these trials have been groundbreaking trial designs, setting new standards for innovation and flexibility in trial design. These include the trials supporting the first fully Bayesian approval by CDER of the United States FDA (Pravastatin-Aspirin combination), the statistical design for Time Magazine's #2 Medical Breakthrough of 2007 (Veridex's GeneSearch BLN Assay), and an adaptive phase II/III seamless trial for Dulaglutide leading to FDA approval in September 2014. Recently, Dr Berry has been involved in the design of the IMI Funded platform trial for prevention of Alzheimer's disease (EPAD) and the EU funded platform trial for the treatment of severe community acquired pneumonia (AD-SCAP) in a preparedness setting (PREPARE). Dr Berry was elected as a Fellow of the American Statistical Association in 2013.

In addition to his work in biostatistics, Dr Berry has been recognised as an expert in statistical analyses in sports, with over 40 publications of sports papers. He was a lead author on the 1999 Applications and Case Studies Invited Paper Award from the American Statistical Association for his paper on *Bridging different eras in sports* and won the 2007 Statistics in Sports Award, from the Section on Statistics in Sports of the American Statistical Association.

TUESDAY 10 May 2016

Platform Trials Workshop – Day Two

Monday 9 May – Wednesday 11 May

Location: St John of God Subiaco Hospital, Level 3 Conference Centre, Auditorium

If you are interested in presenting a project, please email steve.webb@uwa.edu.au



SESSION ONE: 9.00AM – 12.00PM

Presentation and panel discussion of proposed lead trials	<i>Dr Scott Berry, Dr Steve Webb and Dr Mustafa Khasraw</i>
Optimisation of epidural analgesia during labour	<i>A/Prof Nolan McDonnell</i>
Minimisation of gestational weight gain	<i>A/Prof Rae Chi Huang</i>
Enhanced recovery after surgery	<i>A/Prof Nolan McDonnell</i>

SESSION TWO: 1.00PM – 4.00PM

Infrastructure for Platform Trials at St John of God Subiaco Hospital

Support for clinical trials at SJG Subiaco Hospital	<i>A/Prof Nik Zeps</i>
An automated REMAP at SJG Health Care	<i>Dr Steve Webb</i>
Sources of data at SJG Subiaco Hospital	<i>A/Prof Nik Zeps</i>
Integration of data	<i>Prof Matt Bellgard</i>
Workshop discussion of SJG Subiaco Hospital trial infrastructure	<i>Dr Steve Webb and A/Prof Nik Zeps</i>

RACGP CPD Education Series: Updates in Breast & Ovarian Cancers



Location: St John of God Subiaco Hospital, Level 3 Conference Centre, Auditorium

Chair: A/Prof Rosanna Capolingua

6.30PM	Registration and refreshments	
7.00PM	Opening address	<i>A/Prof Rosanna Capolingua</i>
7.05PM	High risk breast cancer and managing patients after surviving breast cancer	<i>Prof Christobel Saunders</i>
8.00PM	Ovarian cancer risk and how to manage it	<i>Dr Paul Cohen</i>



Professor Christobel Saunders

Director Breast Cancer Research Unit

Professor Christobel Saunders is internationally recognised as one of Australia's most prominent research-orientated cancer surgeons. She has substantially contributed to many clinical aspects of breast cancer research including clinical trials of new treatments, psychosocial, translational and health services research and is active in several areas of surgical oncology cancer research, with a particular emphasis on breast cancer.

Professor Saunders has performed research for more than 25 years evaluating the efficacy and utility of therapy for early breast cancer. In the past five years, she has published over 100 peer-reviewed journal articles (including two in *The Lancet*), six letters to the editor/editorials, two research reports, three book chapters and one book.

Professor Saunders sits on boards of a number of cancer organisations including Cancer Australia, CCWA (past-president) and Breast Cancer Network Australia; and is closely involved in strategic planning and management of cancer services in Western Australia as author of the WA Health Cancer Services Framework and as first A/Director WA Cancer and Palliative Care Network.

Professor Saunders is currently the Deputy Head of School Surgery at the University of Western Australia and Director Breast Cancer Research at St John of God Subiaco Hospital. She also undertakes private work at her clinic Perth Specialist Breast Care, located onsite at SJG Subiaco Hospital.



Dr Paul Cohen

Director Gynaecological Cancer Research Group

Dr Paul Cohen completed his medical degree at Oxford University and subsequently his specialist training in obstetrics & gynaecology in Auckland, New Zealand. He gained his Fellowship of the Royal Australian and New Zealand College of Obstetrics & Gynaecology in 2010 and undertook full time research into the molecular biology of ovarian stromal tumours, for which he was awarded a Doctorate in Medicine (MD) by the University of Auckland in 2011. He has undertaken an additional three years of fellowship training in gynaecologic oncology in Brisbane, Newcastle and Sydney, and relocated to Perth in 2013.

Dr Cohen is Director of Gynaecological Cancer Research Group at St John of God Subiaco Hospital. He is a gynaecologist at W.O.M.E.N. Centre and King Edward Memorial Hospital where he is actively involved in research and teaching. Paul is an Adjunct Professor at the Institute for Health Research, University of Notre Dame, Fremantle and a clinical senior lecturer at the University of Western Australia.

WEDNESDAY 11 May 2016

Platform Trials Workshop – Day Three

Monday 9 May – Wednesday 11 May

Location: St John of God Subiaco Hospital, Level 3 Conference Centre, Auditorium

If you are interested in presenting a project, please email steve.webb@uwa.edu.au



SESSION ONE: 9.00AM – 10.30AM

Presentation and panel discussion of simulations and proposed lead trials *Dr Scott Berry*

SESSION TWO: 10.30AM – 12.00PM

Presentation and panel discussion of proposed trials *Dr Scott Berry and Dr Steve Webb*

PUBLIC LECTURE: 12.30PM – 1.30PM

Replacing random care with randomised care – a vision for St John of God Health Care *Dr Steve Webb*

Gynaecological Oncology Research Symposium

Time: 2.00pm – 5.30pm

Location: St John of God Subiaco Hospital, Level 3 Conference Centre, Auditorium

2.00PM	Welcome address	<i>Dr Paul Cohen</i>
2.05PM	An update in gynecological cancer clinical trials at SJG Subiaco Hospital	<i>Karen Roberts</i>
2.25PM	Spontaneous regression of CIN2 in women aged 18-24 years: a retrospective study of a state-wide population in Western Australia	<i>Dr Aime Munro</i>
2.45PM	Sexuality after risk-reducing salpingo-oophorectomy in women at high risk for ovarian cancer	<i>Dr Paige Tucker</i>
3.05PM	Barriers to genetic counselling and germline mutation testing in women with suspected hereditary breast and ovarian cancer syndrome	<i>Josephine Shaw</i>
3.25PM	Ovarian cancer survival at SJG Subiaco Hospital	<i>Emma Hollands</i>
3.45PM	Intermission and light refreshments	
4.00PM	The prognostic role of the 'chemotherapeutic response score' following neoadjuvant chemotherapy for tubo-ovarian high grade serous carcinoma	<i>Dr Edwina Coghlan</i>
4.20PM	Chemotherapeutic response score: validation of histopathologic response to neoadjuvant chemotherapy in tubo-ovarian high grade serous carcinoma and its correlation with Ki-67 and Masson staining	<i>Dr Adeline Tan</i>
4.40PM	What does the FOXL2 say... about granulosa cell tumours of the ovary?	<i>Dr Kerryn Garrett</i>
5.00PM	Physiological profile of advanced stage ovarian cancer survivors: guidelines for exercise intervention/prescription	<i>Christelle Schofield</i>
5.20PM	Factors influencing health behaviours in endometrial cancer survivors	<i>Dr Sarah Hardcastle</i>

A Night out with Research: Junior Doctor and Medical Student Information Evening

Time: 6.00pm – 7.45pm

Location: St John of God Subiaco Hospital, Level 3 Conference Centre, Auditorium

Chair: Dr Michael Gannon, President AMA WA

6.00PM	Light refreshments
6.30PM	Welcome address <i>A/Prof Nik Zeps</i>
6.35PM	Dr Michael Page Dr Michael Page is a chemical pathology trainee at Fiona Stanley Hospital with an interest in research in the area of clinical lipidology. Michael also serves as co-chair of the AMA WA's Doctors in Training committee, and with previous co-chair Dr Melita Cirillo has been pursuing the establishment of an online mechanism for streamlining the matching of doctors in training with research supervisors
6.45PM	Ben Harrison Ben Harrison is a final year medical honours student at the University of Notre Dame, Fremantle. He has aspirations of becoming a General Surgeon with an interest in surgical research. He is the Research Coordinator for the Notre Dame Association for Surgical Specialties, sits on the Executive Committee for the Notre Dame Research Interest Group and has spent the last few months developing an online community aimed at getting more students involved in medical research
6.50PM	Dr Paige Tucker Dr Paige Tucker completed a Bachelor of Science in Biomedical Science and Applied Statistics at Murdoch University in 2005 before completing a Bachelor of Medicine, Bachelor of Surgery with Honours at the University of Western Australia in 2011. She has a strong interest in Gynaecological Oncology research and is currently undertaking a Doctor of Philosophy at Notre Dame University into sexual outcomes after risk-reducing salpingo-oophorectomy in women at high risk for ovarian cancer
6.55PM	Bradley Reynolds Bradley Reynolds is a final year medical honours student at the University of Notre Dame, Fremantle. He is passionate about a career in urology and robotic technology
7.00PM	Dr Alicia Malkowitz Dr Alicia Malkowitz is a SET 2 trainee in general surgery, currently working at Fremantle Hospital
7.05PM	Dr Arun Dominic Dr Arun Dominic is a medical registrar currently working at SJG Midland Public and Private Hospitals. His current research projects include an audit of the Chest Pain Service at SJG Subiaco Hospital and a study examining Clozapine initiation in Schizophrenia
7.10PM	Hugo Lau Hugo Lau is currently a second year medical student at the University of Western Australia. He qualified as a pharmacist two years ago and wishes to further develop his research experience alongside his current degree
7.15PM	Panel discussion

THURSDAY 12 May 2016

Nursing and Midwifery Research Symposium

Time: 1.30pm – 5.30pm

Location: St John of God Subiaco Hospital Level 3 Conference Centre, Auditorium

1.30PM	Welcome address	<i>Dr Janie Brown</i>
1.50PM	Keynote Address: Nursing and midwifery workforce planning to enhance organisational resilience	<i>Associate Professor Leanne Boyd</i>
2.10PM	A trial of extended storage of flexible endoscopes	<i>Jennifer Chambers</i>
2.20PM	Carer support needs assessment tool	<i>Louise Angus</i>
2.30PM	Patient satisfaction and self-reported adverse events associated with peripherally inserted catheters in patients receiving chemotherapy in the outpatient unit at SJG Subiaco Hospital	<i>Claire Kelly/ Alannah Cooper</i>
2.50PM	Pre-operative chlorhexidine gluconate washes: a survey of patient experience in a private hospital setting	<i>Julie Salathiel</i>
3.10PM	Intermission	
3.30PM	Neonatal admission to a high dependency unit and its impact on maternal pain scores and analgesic requirements	<i>Suzanne Kelly</i>
3.50PM	Patient awareness of epidural and spinal therapy	<i>Jen Fraser</i>
4.10PM	An audit of the completion of a peri-operative checklist focusing on time of last void	<i>Liz Smith</i>
4.30PM	<i>To be confirmed</i>	
4.50PM	<i>To be confirmed</i>	
5.10PM	Closing remarks	<i>Laura Colvin</i>
5.30PM	Sundowner	



A/Professor Leanne Boyd

A/Prof Leanne Boyd was appointed as Executive Director Nursing and Cabrini Institute at Cabrini Health in August 2014 and has over 20 years' experience in health professional education. Prior to this appointment she worked for Monash University as Director of Academic Programs (Middle East) for the Faculty of Medicine, Nursing and Allied Health and Head of Department Community Emergency Health and Paramedic Practice within the School of Primary Health Care.

A/Prof Boyd has Graduate Certificates in Health Professional Education and Critical Care. She also holds Masters Degrees in Critical Care and Tertiary Education Management, and completed her PhD investigating health program evaluation models in 2009. A/Prof Boyd has been successful in attracting over \$21 million in tenders/contracts and \$3 million in research/consultancy grants during her academic career. She is currently supervising six PhD students.

Symposium Speakers

The symposium will include oral and poster presentations from nurses and midwives from St John of God Subiaco Hospital and other Western Australian St John of God Health Care divisions. Research projects, which are both completed and ongoing will be featured and all research projects presented have been initiated by nursing and midwifery caregivers.

FRIDAY 13 May 2016

Curtin University and St John of God Subiaco Hospital Project Updates



Curtin University

Location: St John of God Subiaco Hospital, Level 3 Conference Centre, Function Room

9.00AM	Welcome address	<i>Dr Nik Zeps</i>
9.15AM	Presentations	
10.45AM	Morning tea	
11.15AM	Presentations	
12.45PM	Lunch and networking	





MEDICAL RESEARCH WEEK REGISTRATION FORM

Full Name _____

Organisation _____

E-mail Address _____

Dietary Requirements _____

Phone _____

Please return this form to:

E: Subiaco.rsvp@sjog.org.au **T:** (08) 9382 6127

MONDAY 9 May 2016

- 9.00AM – 5.00PM** Platform Trials Workshop – Day One
If you are interested in presenting a project, please email steve.webb@uwa.edu.au

TUESDAY 10 May 2016

- 9.00AM – 4.00PM** Platform Trials Workshop – Day Two
If you are interested in presenting a project, please email steve.webb@uwa.edu.au
- 6.30PM – 9.00PM** RACGP CPD Education Series: Updates in Breast & Ovarian Cancers

WEDNESDAY 11 May 2016

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- 2.00PM – 5.30PM** Gynaecological Oncology Research Symposium
- 6.00PM – 7.45PM** A Night out with Research: Junior Doctor and Medical Student Information Evening

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- 1.30PM – 5.30PM** Nursing and Midwifery Research Symposium

FRIDAY 13 May 2016

- 9.00AM – 12.45PM** Curtin University and St John of God Subiaco Hospital Project Updates