

Knowledge Translation Events

Thursday 01 and Friday 02 September 2016
MacDonald Auditorium, Princess Margaret Hospital



Professor Iona Novak

HEAD OF RESEARCH
CEREBRAL PALSY ALLIANCE RESEARCH INSTITUTE
THE UNIVERSITY OF SYDNEY



Professor Novak is Head of Research at Cerebral Palsy Alliance Research Institute, The University of Sydney.

Professor Novak manages the strategic development of research into the prevention and cure of cerebral palsy and supports the Australian Cerebral Palsy Register.

Professor Novak conducts clinical research into effective interventions for people living with cerebral palsy, including evidence-based practice initiatives and collaborative international and inter-agency research work.

As a Fulbright Scholar in 2013, Professor Novak travelled to the University of California, San Francisco, for four months to establish and lead an Australian-American cerebral palsy research consortium, to aggregate data and accelerate the rate of research. Professor Novak continues this research to translate the findings to direct improvements in clinical services.

Professor Novak has extensive clinical experience as an Occupational Therapist and holds: a Bachelor of Applied Science (Occupational Therapy) from the University of Sydney; a Master of Science (Hons) and a PhD from the University of Western Sydney. She has won awards and prizes including a PhD Presentation Award from UWS and has been an Allied Health representative on the Premier's Spinal Forum Fellowship Program.

Opening Chair: Day 1; Professor Donna Cross, Telethon Kids Institute

How to Improve Your Success in Grant Knowledge Translation **WORKSHOP 1**

Thursday 01 September; 9.00 am - 12noon

(This will be useful for wet lab and clinical researchers)

Local implementation examples:

- **Dr Alma Fulurija; Head of Immunology and Translational Research, Ondek** *From bacterium to novel antibiotic treatment compounds: A research translation journey of laboratory discovery to therapeutic product.*
- **Associate Professor Anthony Kicic, Head, Airway Epithelial Research: Telethon Kids Institute** *From bedside to bench and back again: A local journey of research translation in chronic airway diseases*

To be followed by light lunch from 12noon

PMH Grand Round: MacDonald Auditorium; Princess Margaret Hospital 12.40pm

Prof Iona Novak; Developing and implementing clinical guidelines for early intervention for children at risk of cerebral palsy

Implementation: Knowledge Translation in to Clinical Practice **WORKSHOP 2**

Friday 02 September; 9.00 am – 12noon

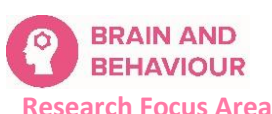
Local implementation examples at the clinical interface:

- **Dr Fenella Gill; NHMRC TRIP Fellow** *Implementation of Parent initiated escalation of care for the deteriorating child at PMH: The PARTNER Project*

Lunch will be provided following the workshops

To RSVP for the workshops and to allow for catering, please [complete the Survey Monkey here](#)

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Government of Western Australia
Department of Health
Child and Adolescent Health Service



Translational Science: Strategies for Bridging the Valley of Death



Professor Iona Novak



Associate Professor Anthony Kicic



Dr. Alma Fulurija

COURSE SUMMARY

Translating discoveries from basic science into clinical interventions that help patients has been dubbed “crossing a valley of death”; because of the time and complexity involved in converting knowledge to action. It took 264 years for the discovery of citrus as a preventative agent for scurvy to translate into widespread use on British ships. Alarming, it still takes 17 years to translate basic science research into beneficial patient care and it is estimated that only 14% of basic science discoveries are ever applied. Leonardo da Vinci, is credited with one of the first translational science reflections: “Knowing is not enough, we must apply”. The purpose of this course is to provide an overview of research strategies for accelerating bench to bedside research. Via interactive learning activities, this course will help you evaluate which effective strategies you have in place and evaluate possible supports and opportunities within your own research environments for accelerating your research. Topics to be discussed will include: grant funding; research networks; importance of clinician-scientist relationships and understanding patient priorities.

COURSE FORMAT

- 1 Overview of supports and barriers translation
- 2 What the literature tells us about effective translation science strategies
- 3 Effective translational science strategies from the presenter’s original research as well as two
- 4 local implementation examples
- 5 Interactive activities to reflect upon your current use of effective translational science strategies
- 6 Questions and take home messages

TARGET AUDIENCE

This course should be of interest to basic science and clinical researchers interested in accelerating bench to bedside research.

LEARNING OBJECTIVES

- 1 To understand the benefits of using Translational Research strategies
- 2 To understand what the research tells us about effective translational strategies
- 3 To evaluate which effective strategies you have in place and evaluate new and possible supports and opportunities for accelerating your research

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Knowledge Translation, a Babel Fish for Delivering Leading Edge Clinical Services and Policy



Professor Iona Novak

COURSE SUMMARY

Clinical practice lags as much as 10-20yrs behind research. Traditional passive dissemination strategies, such as lectures and printed materials, are not enough to help professionals' or policy-makers stay up-to-date or families to choose best-available care. Up to 40% of patients worldwide do not receive proven effective treatments and more than 20% receive ineffective or harmful treatments. The purpose of this course is to provide latest evidence and skills-training in using knowledge translation to increase the uptake and use of evidence in clinical decision-making when communicating with patients and families, and when influencing policy development. New evidence shows that active exchange of information, ideas and experience between researchers and research-users is necessary for designing and delivering cutting edge services. Via interactive learning activities, this course will help you choose evidence-based strategies to evaluate possible supports, challenges and opportunities within your own clinical environments for (a) quickly moving evidence into clinical practice, and (b) sharing evidence-based information with families.

COURSE FORMAT

- 1 Overview of supports and barriers to use of evidence
- 2 What the literature tells us about effective Knowledge Translation strategies
- 3 Examination of a decision-making framework to guide developing a Knowledge Translation strategy
- 4 Examples of effective Knowledge Translation products and projects from the presenter's original research
- 5 Interactive activities to practice developing a Knowledge Translation plan to solve a knowledge translation barrier in your workplace
- 6 Questions and take home messages

TARGET AUDIENCE

This course should be of interest to health professionals, administrators, clinical managers, and researchers interested in designing and delivering effective clinical services and policy.

LEARNING OBJECTIVES

- 1 To understand the benefits of using Knowledge Translation
- 2 To know how to make evidence-based information accessible to clinicians, patients and policy makers
- 3 To understand what the evidence tells us about effective methods of Knowledge Translation
- 4 To practice choosing evidence-based Knowledge Translation techniques framework to develop a Knowledge Translation action plan

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