The Early Years: From Research to Policy to Practice Seminar

Memory, Attention, Trauma and Learning: Translating Research into Educational Practice

Date: Monday 29th August, 2011
Time: 9.30am – 12.30pm

Background
The Centre for Community Child Health at the Royal Children’s Hospital Melbourne in conjunction with The R.E. Ross Trust wish to invite you to a seminar Memory, Attention, Trauma and Learning: Translating Research into Educational Practice on Monday 29th August, 2011 at The Royal Children's Hospital, Parkville. This is the third seminar in the Early Years: From Research to Policy to Practice seminar series for 2011, supported by a grant from The R.E. Ross Trust.

About the Seminar
Working memory is recognised as a vital cognitive system that supports learning, particularly during the childhood years. This presentation will provide an overview of the relationship between working memory and other kinds of memory and executive functions, and evidence linking working memory with a range of aspects of academic attainment will be reviewed. The cognitive and behavioural characteristics of children with poor working memory skills will be described, and methods for minimising the learning difficulties associated with working memory problems including both training and classroom interventions will be discussed.

The impact of trauma on memory and brain function in young children will then be discussed and the neuropsychology and evidence in respect of interventions and how parents and children experience recovery will be outlined.

This seminar will be of interest to early childhood professionals, community child health professionals, psychologists, school counsellors, guidance officers, teachers, support and special education teachers and medical professionals.

About the keynote speakers
Professor Susan Gathercole Director of the MRC Cognition and Brain Sciences Unit at the University of Cambridge is a cognitive psychologist with particular interests in memory and learning, both in typically-developing children and children with developmental disorders of learning. She has published over 100 articles on memory and learning, and her current work focuses both on the fundamental deficits underlying difficulties in learning, and on the development and evaluation of programmes of support to overcome these difficulties. Susan has been the recipient of two awards from the British Psychological Society - the Spearman Medal for outstanding early career research in 1989, and the President’s Award in 2007 for a distinguished contribution to psychological knowledge.
Professor Vicki Anderson, Director of the Department of Psychology at The Royal Children’s Hospital and Professorial Fellow, University of Melbourne and Director, Critical Care and Neuroscience Research, Murdoch Children’s Research Institute is a paediatric neuropsychologist of some 30 years experience. She started her career working at the Royal Children’s Hospital, Melbourne, Australia, where she worked as a clinician, and then Co-ordinator of Neuropsychology Services, until taking up a lectureship at the University of Melbourne. In 2002 she was appointed Professor/Director of Psychology at the Royal Children’s Hospital, and in 2005 she took up an additional role with the Murdoch Children’s Research Institute, as Director, Critical Care and Neuroscience Research. Her interests are in disorders of childhood that impact on the central nervous system, including both developmental and acquired disorders, and child and parent-focussed interventions for this group.

We hope you can join us at this event on Monday 29th August, 2011 at the Ella Latham Theatre in The Royal Children’s Hospital, Parkville.

If you would like to register for this event, please fill in the attached registration form and return via email, mail or fax to (03) 9345 5892.

Best Wishes,

Frank Oberklaid
Director
Centre for Community Child Health
# Memory, Attention, Trauma and Learning: Translating Research into Educational Practice

**Venue:** Ella Latham Theatre, The Royal Children’s Hospital, Parkville  
**Date:** Monday 29th August, 2011  
**Time:** 9.30am – 12.30pm (Registration from 9.00am)

## Seminar Agenda

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<th>Time</th>
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<td>9.00AM to 9.30AM</td>
<td><strong>REGISTRATION</strong></td>
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| 9.30AM to 9.45AM| Welcome and introduction, What is working memory?  
**Dr. Gehan Roberts**, Developmental-Behavioural Paediatrician  
Centre for Community Child Health, The Royal Children’s Hospital, Melbourne |
| 9.45AM to 10.30AM| Working memory: a cognitive system that supports learning?  
**Professor Susan Gathercole**, Director, MRC Cognition and Brain Sciences Unit, University of Cambridge  
- an overview of the relationship between working memory and other kinds of memory and executive functions  
- evidence linking working memory with a range of aspects of academic attainment  
- identifying poor working memory in school aged children and interventions to improve working memory and minimize learning difficulties associated with working memory problems. |
| 10.30AM-11.00AM | **MORNING TEA**                                                          |
| 11.00AM to 11.45PM | Children’s memory and learning skills  
**Professor Vicki Anderson**, Director, Psychology & Deputy Director Integrated Mental Health Program, The Royal Children’s Hospital, Melbourne - Director, Critical Care & Neurosciences Research, Murdoch Childrens Research Institute  
- Developmental trajectories of memory, learning and attention and their biological bases.  
- The impact of insult to the developing brain and the implications for early years, school and home. |
| 11.45PM to 12.15PM | **Panel Discussion**                                                     |
| 12.15PM to 12.30PM | **CLOSING COMMENTS**                                                     |
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Registration Form

Please fax registration form to 03 9345 5892 or email to catherine.archer@rch.org.au
Registration is required by Monday 22nd August, 2011.

Registration Details

Name ________________________________ Position/Role ________________________________

Email address (Required) ________________________________

Organisation ________________________________

Address ________________________________

Suburb ________________________________ State Post/code __________

Phone ________________________________ Fax ________________________________

Special Dietary requirements ________________________________

Payment Details

Cost: $88.00 incl. GST (Cancellation Policy: Full fee payable if less than 24 hours notice given)

No Cost for staff from The Royal Children’s Hospital or Murdoch Children’s Research Institute

Payment Details:

Credit Card  Cheque (please make payable to Murdoch Children’s Research Institute)

No charge RCH Staff  No charge MCRI Staff

Card type  Mastercard  Visa  Amount $___________

Card Number _______ _______ _______ _______ Expiry date ______ / ______

Name on card ________________________________

Signature ________________________________

Mail to:  Fax to:
Cathy Archer  (03) 9345 5892
Centre for Community Child Health  Email to: catherine.archer@rch.org.au
The Royal Children’s Hospital  
Flemington Road, PARKVILLE VIC 3052

For enquires please phone (03) 9345 6337

This registration form becomes a tax invoice upon receipt of payment
Murdoch Childrens Research Institute, ABN 21 006 566 972