

The Science of Learning Research Centre (SLRC) presents a 2-day Professional Development program for school educators. The program will draw together current research across the fields of neuroscience, cognitive psychology and education, translating it into relevant, future-focused, practical information for educators.

TOPICS TO BE COVERED:

The workshop will begin with an introduction to educational neuroscience and will then explore how science of learning research findings can be applied to a range of contemporary educational issues including:

An overview of brain structure and function

Feedback and reinforcement

Stages of development

Learning strategies

Emotions and learning

This 2-day Professional Learning workshop will serve as an introduction to the Science of Learning, provide participants with the opportunity to engage with a range of Learning Principles derived from the field, and collaboratively consider the applications of these to educational practice.

The workshop will involve a series of reflective activities where participants will have the opportunity to consider and apply their new understanding. All participants are therefore invited to bring along an artefact of their practice, for example: a unit plan, assessment plan, video of themselves teaching, teacher professional learning program. These do not need to be shared with anyone but will form the basis of individual reflection and application of the Learning Principles.

All participants are invited to a networking session with researchers from the Science of Learning Research Centre at the end of the first day.

WHO SHOULD ATTEND:

Prep-12 teachers, pre-service teachers, Curriculum Leaders, Pastoral Care Leaders, School Counsellors, School Executive and Principals. If you attended this workshop in 2015 a 1-day workshop dedicated to attention and learning will be held during the September school holidays. Details to follow shortly.

ABOUT THE PRESENTERS:

Jared Horvath, The University of Melbourne Jared has a Masters in Mind, Brain and Education from Harvard University. He is currently undertaking his PhD in cognitive psychology/neuroscience at the University of Melbourne. Prior to moving to Australia Jared spent 6 years working as a teacher and curriculum developer in the United States.

Stephanie MacMahon, The University of Queensland Stephanie has worked as an arts educator for over 20 years, across all age groups in the private and public education sectors. She spent 12 years as Head of Department and holds a Masters in Music Education from the University of Western Australia. She is currently completing her PhD on the teaching brain in action.

Greg Donoghue, The University of Melbourne Prior to joining the SLRC Greg worked in the Victorian Police Department in the child protection unit. It was this work that led him to his research interests in child protection, well-being and the science of learning. He has a Master of Education from the Melbourne Graduate School of Education and is currently undertaking his PhD under the supervision of Professor John Hattie and Associate Professor Rob Hester.

Tennille Seary, The University of Queensland (on secondment from the Queensland Department of Education and Training) Tennille is currently an SLRC teacher-in-residence, on secondment from Brisbane State High School. Prior to commencing this role she was working as a primary and middle years teacher, with a particular interest in neuroscience and its applications in the classroom.

Andrew Jones, The University of Melbourne (on secondment from the Victorian Department of Education and Training) Andrew is currently an SLRC teacher-in-residence, on secondment from Broadmeadows Valley Primary School. Prior to commencing this role he was Principal at the school as well as completing a PhD under the guidance of Professor John Hattie.

Brisbane

Date: Monday 27 June – Tuesday 28 June **Time:** 9am - 5pm Monday
(including an opportunity to meet the researchers from 4pm-6pm)

9am - 5pm Tuesday

Where: St Leo's College, The University of Queensland, St Lucia

Catering: light lunch, morning and afternoon tea on both days and cocktails on light snacks on Tuesday afternoon from 4pm to 6pm

Getting there: bus or ferry

Parking: pay parking available along Sir William MacGregor Drive

Melbourne

Date: Monday 4 July – Tuesday 5 July **Time:** 9am - 5pm Monday
(including an opportunity to meet the researchers from 4pm-6pm)

9am - 5pm Tuesday

Where: Melbourne Graduate School of Education, 234 Queensberry Road, Carlton

Catering: light lunch, morning and afternoon tea on both days and cocktails on light snacks on Monday afternoon from 4pm to 6pm

Getting there: tram or train

Cost: \$200 per/person for the 2 days

For more information email slrc@uq.edu.au