

SMRT PRESIDENT'S AWARD

This award was established to honor the most outstanding Proffered Paper of the SMRT 22nd Annual Meeting.

The recipient of this year's award,

Shawna Farquharson

will be presenting her award-winning paper Saturday, 20 April at 12:50

Whole Brain Tractography Mapping Reveals Abnormal Structural Connections in Neuronal Heterotopia



Shawna Farquharson, B.Sc., M.Sc.
Flore Institute of Neuroscience & Mental Health
Melbourne, Australia

Shawna Farquharson is the Chief Radiographer at The Florey Institute of Neuroscience and Mental Health, Austin campus. In her current role she is responsible for the delivery of research based MR imaging, particularly functional MRI, EEG-fMRI, Spectroscopy, perfusion MRI and diffusion MRI for researchers within Australian neuroscience community.

Shawna's principal research interest is in the application of the recently proposed in-house tractography technique, constrained spherical deconvolution (CSD), to patient populations of clinical and neuroscience interest. Throughout her career, she has supported her diverse clinical expertise with continued postgraduate education. In 2001 she completed the Oxford MRI course at John Radcliffe Hospital, UK. In 2004, she gained the Australian Institute of Radiography Certificate of MRI Accreditation. In 2007 she completed a Masters of Health Science at the University of Sydney, Australia and is currently undertaking part-time PhD through Monash University, Melbourne, Australia.

Her work has already received significant national and international acknowledgement. Highlights include receiving the President's Award for most outstanding proffered papers at the 18th & 22nd (2009 & 2013) Annual Meetings of the Section of Magnetic Resonance Technologists (SMRT), and an invitation to speak to the Neuroscience community at the Conference of the International Society for Magnetic Resonance in Medicine (ISMRM) in Montreal (2011).

Recent publications:

Farquharson S, Tournier J-D, Calamante F, Fabinyi G, Scheider-Kolsky M, Jackson GD, et al.: White Matter Fibre Tractography: Why we need to move beyond DTI. *Journal of Neurosurgery* In press: 2012

Farquharson S, Tournier J-D, Calamante F, Fabinyi G, Scheider-Kolsky M, Jackson GD, et al.: Editorial response. *Journal of Neurosurgery* In press: 2012

SMRT PRESIDENT'S
AWARD RECIPIENTS:

- 2012 Saba Ansari
- 2011 Megan Cromer
- 2010 Adriane Komancsek
- 2009 Shawna Farquharson
- 2008 Violet Chua
- 2007 Michael Kean
- 2006 Caron Murray
- 2005 John Totman
- 2004 Eric Douglas
- 2003 Eva Wembacher
- 2002 Marcela Montequin
- 2001 Cindy Comeau
- 2000 Inge Carstens
- 1999 Cheryl Johnson
- 1998 Maureen Hood
- 1997 Richard Nibbs
- 1996 Jim Garrison
- 1995 John Wells
- 1994 Bobbie Burrow
- 1993 Maureen Ainslie