



## KEYNOTE SPEAKER SUMMARY

### 1<sup>st</sup> International Conference of Applied Neuroscience



Day 1 (22<sup>nd</sup> May, morning)

**Dr Roger Mysliwiec** NZMC, DKPM, PBANZ, MIAAN(Cert)

**Applying Neuroscience to Specialist Evidence Based Treatment of Eating Disorders: Challenges and Opportunities.** Roger will be speaking on the subject of the challenges and opportunities of the application of neuroscience principles to evidence based clinical practice. He will illustrate this with practical examples related to existing specialist eating disorder treatments.

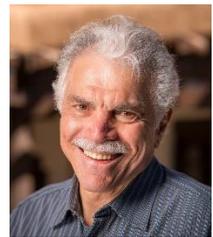


Day 1 (22<sup>nd</sup> May, afternoon)

**Daren Wilson** Director/Principal Psychologist BA(Soc Sc) MQual(Psych) MA(Sport Psych) MEMDRAA, MAPS, FAAP, MIAAN(Cert)

**Structured Image Framework Theory [SIFT]; A neuroscience therapeutic model to explain the complexities of trauma**

The SIFT diagrammatic structure helps clients visualise what they have experienced during typical emotional processing and traumatic crises. This encourages normalisation, initiates adaptive processing mechanisms and secures a greater therapeutic alliance in a timely fashion, which increases positive therapeutic outcomes.



Day 2 (23<sup>rd</sup> May, morning)

**Dr John Arden** PhD

**Mind-Brain-Gene: Toward Psychotherapy Integration**

This integrative model promotes a sea change in how we conceptualize mental health problems and their solutions. We can now understand how the immune system, diet, brain structure, and even gut bacteria effect mental health. Psychotherapists in the 21<sup>st</sup> Century will by necessity become more like healthcare workers to address and resolve adverse mind-body-brain interactions.



Day 2 (23<sup>rd</sup> May, afternoon)

**Dr Sarah M McKay** BSc (Hons) MSc DPhil (Oxon)

**In Her Head: Lessons from writing a book about the female brain**

Sarah gives insights into her book and takes the reader on a chronological journey across the lifespan to explore how our minds and brains are shaped from the womb to tomb — including in utero life, infancy, puberty, adolescence, pregnancy, menopause and old age. Sarah explores the academic literature, conversations with researchers and women's health practitioners and concepts and some surprises she's learned along the way.



Day 3 (24<sup>th</sup> May, morning)

**Mary Bowles** Family and Family Therapist

**An Assembly of Scientific and Psychological Footprints: The Groundwork for Rapid Transformational Change**

Mary will argue the availability of rapid memory reconsolidation approaches today present the opportunity to destigmatize mental health care by removing the fear of having to relive emotionally overwhelming events, by decreasing the time involved in treatment and the cost of care, and by ending the long-held cultural beliefs that seeking help is a sign of weakness.



Day 3 (24<sup>th</sup> May, afternoon)

**Thedy Veliz** Marriage and Family Specialist

**Developmental Neurogenomics: A Relational Approach for Conceptualizing Youth's Behavioral and Emotional Symptoms as Self-Regulation Challenges**

Thedy will be delivering a dynamic and engaging keynote designed to translate research findings into a Developmental Neurogenomics Model, leading to a therapeutic focus on improving the "goodness of fit" between the child and the caregiver, and will introduce the Parent Neuropsychotherapy Model.



Day 3 (24<sup>th</sup> May, Closing Keynote)

**Rita Princi-Hubbard** BPsych(Hons) MPsych(Clin) MAPS FCCLP MIAAN(Cert)

**Applied neuroscience in the early years: BrainSmart 4 Learning**

The heightened anxiety a student feels when they fail, suffer ridicule (real or perceived), or find themselves in a fearful situation causes a cascade of stress hormones to flow through the limbic system, which can impede a student's learning. The *BrainSmart 4 Learning* Program links neuroscience principles of child development with early childhood education by providing a scientific and practical overview to enhance learning and well-being.

## NOTES