



The Royal Society of New Zealand
Rotorua Branch
Promoting Excellence in Science and Technology

Dyscalculia

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**Tuesday 7th October, 7.30 pm, Rimu Room, Scion
49 Sala St. Rotorua – All Welcome**



An estimated 6% of the population has dyscalculia, or mathematics learning disability, a similar prevalence to that of dyslexia. In this talk I will review recent work in numerical cognition (a subfield of cognitive neuroscience) which has allowed us to build theories of potential causes of dyscalculia. In particular I will discuss number sense, our ability to approximately and nonverbally represent number, and the potential source of a “core deficit” in dyscalculia. We will evaluate how well cognitive and neurological symptoms of dyscalculia fit with these theories. The relationship between dyscalculia and dyslexia, the focus of current work at The University of Auckland with Dr. Karen Waldie, will also be discussed.

**Lectures are 7.30 pm in the Rimu room at Scion, 49 Sala St. Rotorua
Non-members welcome – gold coin donation appreciated**

Lecture Programme for the rest of 2008:

November 4th Dr Rebecca Ganley, Scion
“Endophytic fungi in plants”

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