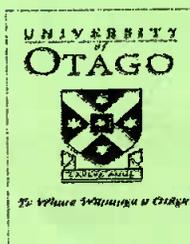


# U3A

## Dunedin Charitable Trust

A LEARNING OPTION FOR THE RETIRED

in association with



Series 1 2007

### LIVING ON A PLATE BOUNDARY – PLATE TECTONICS AND WHAT IT MEANS FOR US

Dates: Tuesday, 17 April – Tuesday, 22 May

Time: 2.15 pm – 4.15 pm

Venue: Lecture Room, Salmond College, Knox Street, North East Valley

Enrolments for this course will be limited to 50

Course Fee: \$ 30.00

Tea and Coffee provided

Course Organiser: Donald Feist (476 3268)

Course Assistant: John Burton (477 7371)

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You may apply to enrol in more than one course in each series (subject to numbers).  
If you wish to do so, you must indicate your choice preference on the application  
form, and include payment for the appropriate fee(s).

All applications must be received by noon on Wednesday, 14 February 2007, and you  
may expect to receive a response to your application on or about 24 February.  
Any questions about courses after 24 February should be made to the Secretary, U3A  
Dunedin, telephone 467 2619, or email at <graysinn@clear.net.nz>

**LIVING ON A PLATE BOUNDARY -  
PLATE TECTONICS AND WHAT IT MEANS FOR US**

Our Aussie neighbours call New Zealand "The Shaky Isles" because we get shaken up by earthquakes from time to time. Why do we get shaken and not Australia? The reason is because we straddle the boundary between two of the earth's tectonic plates and these move in jerks. The moving plates are also responsible for our volcanoes and our mountains. In fact, they are why we have land above sea-level to live on and why we have our unique fauna and flora. Most places on Earth are not on plate boundaries, but those that are are special. This course will examine plate tectonics and what makes our place special.

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**The Lecture Programme**

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|-----------------|--|
| <b>17 April</b> | <b>Drifting continents, magnetic fields, and the origin of continents and oceans</b>   |
|                 | Speaker: Professor Richard Norris  |
| <b>24 April</b> | <b>Ocean ridges and spreading of the ocean floor; island arcs and destruction of the ocean floor; transform faults; tectonic plates</b>  |
|                 | Speaker: Professor Richard Norris  |
| <b>1 May</b>    | <b>Plate tectonics; the global dance of the tectonic plates; plate tectonics and the New Zealand region; straddling a plate boundary</b> |
|                 | Speaker: Professor Richard Norris  |
| <b>8 May</b>    | <b>Plate tectonics and volcanoes; volcanic hazards in New Zealand</b>  |
|                 | Speaker: Dr James White  |
| <b>15 May</b>   | <b>Plate tectonics and earthquakes; earthquake hazards in New Zealand</b>  |
|                 | Speaker: Professor Rick Sibson   |
| <b>22 May</b>   | <b>Plate tectonic history of the SW Pacific and the origin of New Zealand's fauna and flora</b>  |
|                 | Speaker: Dr Daphne Lee   |

All presenters are members of the academic staff of the Department of Geology of the University of Otago. The Board of U3A is particularly grateful to Professor Norris for his assistance with the development of this course.