

THE UNIVERSITY OF THE THIRD AGE

Beginning in France in the mid seventies the U3A movement has now spread to most countries and has many hundreds of thousands of members.

U3A is a response to the idea that human life is divided into three periods: firstly, childhood and schooling; secondly, child rearing and work; and thirdly, retirement.

The third age is seen to provide the greatest opportunities for learning and understanding because it is during this period of retirement that the idea of a university as a community of those who seek greater understanding through learning can be put into practice.

The unique characteristics of U3A

- Learning topics are selected by the members
- In depth courses are planned by members
- Opportunities for reading, research and discussion are provided
- Presenters/facilitators are usually members of the groups
- The company of others who enjoy learning is ensured
- The atmosphere for learning is informal and friendly
- There are no examinations
- There are no compulsory activities
- Courses take place during daylight hours
- Costs are minimal and within reach of everybody

The U3A Dunedin Charitable Trust has recently entered into a partnership with the University of Otago which will enhance their shared community of interest by continuing to provide a programme of non-credit educational courses while further utilising the expertise and resources of the University.

ADMINISTRATION

THE ENIGMA OF THE ATOM: FROM THE GREEKS TO THE BOMB AND BEYOND

Dates: March 2 to April 13

Time: 2.15 - 4.15 pm

Fee: \$40

Tea and coffee provided

Enrolments -- limited to 50

You are able to enrol in more than one programme (subject to numbers). If you wish to enrol for more than one programme, you *must indicate your choice* on the Enrolment Form.

To be received on or before **mid-day Wednesday February 9**. After the draw those who were unsuccessful will be notified by February 18

Venue

All sessions are held in the Frank Nichol Room, Knox College, Arden St, Opoho.

Course Organiser

Sam Sneyd (455 1506)

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U3A

Dunedin Charitable Trust

A LEARNING OPTION FOR THE RETIRED

THE ENIGMA OF THE ATOM: FROM THE GREEKS TO THE BOMB AND BEYOND

March 2 to April 13 2005

Rodgers & Associates
Law Practice

**THE ENIGMA OF THE ATOM:
FROM THE GREEKS TO THE
BOMB AND BEYOND**

1st choice ___ 2nd choice ___ 3rd choice ___

Please tick appropriate spaces.

First Name for Name Tag: _____

Surname: _____

Address: _____

Telephone Number: _____

Payment

Course Fee: \$40

Cheques payable to Rodgers and Associates

Please complete and return to:

U3A

Rodgers and Associates

151-155 Princes Street

PO Box 6200

Dunedin

on or before noon

Wednesday February 9 2005.

**THE ENIGMA OF THE ATOM:
FROM THE GREEKS TO THE
BOMB AND BEYOND --
SCIENTISTS WHO FOUND PIECES
OF THE PUZZLE**

The Programme

A comprehensive history of the atom would entail the history of a large part of physics and chemistry. I shall not pretend to be comprehensive; instead I shall talk about a few of the people involved.

**THE ENIGMA OF THE ATOM:
FROM THE GREEKS TO THE
BOMB AND BEYOND**

LECTURE PROGRAMME 2005

Wednesdays 2.15 - 4.15 pm

Venue: Frank Nichol Room, Knox College

March 2 **The Early Atomists to John Dalton**

March 9 **Marie Curie and Radium**

March 16 **Ernest Rutherford and the Structure of the Atom**

March 23 **NO LECTURE**

March 30 **J. Robert Oppenheimer, "The Father of the Atom Bomb"**

April 6 **Richard Feynman, One of the "Magicians"**

April 13 **Where Are We Now? And What Puzzles Remain?**

Lecturer for all sessions: Sam Sneyd

RETAIN THIS PORTION -- remember your 1st choice