



CENTRE FOR SCIENCE & CITIZENSHIP

Professional Development

NZCSC works with schools to offer tailor made Professional Development days for staff on a wide variety of topics. Enquiries can be made through admin@nzcsc.org

Also, in partnership with The Nathaniel Centre, enQuiring minds offers full day professional development seminars (9am-4pm).

Two modules are currently available:

- Module One: Ethical dilemmas at the Beginning of Life
- Module Two: Ethical dilemmas at the End of Life
- Environmental Ethics: Module under construction.

Module One: Ethical dilemmas at the Beginning of Life

Following an historical overview of procreation, the workshop moves to a consideration of the questions that have arisen as a result of the contemporary intersection of procreation and developments in assisted reproduction. Topics covered include contraception, abortion, prenatal testing, IVF, PGD, surrogacy, frozen embryos, embryo adoption and germline genetic modification. A gift-based framework will be used to unpack a response to the ethical challenges posed by assisted human reproductive technologies and to offer an authentically human notion of 'procreative responsibility'.

Module Two: Ethical dilemmas at the End of Life

This module explores a variety of ethical issues associated with the end of life, including: the criteria for death; organ donation; the post coma unresponsive state; withholding and withdrawing of treatment; vitalism; euthanasia and assisted suicide; dying well; the use of advanced directives and what happens after we die. An evidence-based response to the question of human flourishing that reflects the key principles of intrinsic dignity, the common good and a preferential option for the poor, will be advanced.

Both modules have been designed to relate directly to NCEA Achievement Standards Health 3.4., RS 3.3, and RS 3.4

Who should attend

All educators from state and independent schools and schools of special character teaching:

"It was a great course. The content was superb and the resource booklet given out is amazing. We are very keen to implement these resources/activities into our classroom. The delivery of all 3 speakers was very well done, clear and precise and always prepared to answer questions throughout. "

Chris Cavanagh, Head of Religious Education Faculty, Baradene College

- Philosophy
- Religious Studies
- Health and Physical Education
- English
- Media Studies



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- General Science
- Biology

Facilitators

Lynne Bowyer (PhD)

Lynne has a background in education and philosophy. She has taught in primary, secondary and tertiary settings. At the tertiary level, Lynne has worked with medical students on ethical issues. She has also been involved with teaching political theory and ethics papers through Massey University and the University of Otago.

Lynne's PhD focused on philosophically undermining the neo-liberal conceptions of autonomy and identity and grounding these concepts in the life of real people, as opposed to theoretical abstractions. This work was applied to the current framing of people living with dementia and for those in situations of addiction, to show the implications for understanding and caring for people in these circumstances.

Lynne has presented on and written on a number of issues that impact on people's lives, including: dementia; addiction; suicide; artificial intelligence; environmental ethics; approaches to mental health; the problems with 'evidence-based' medicine. Lynne is co-director of the *Centre for Science & Citizenship (CSC)*.

Deborah Stevens (PhD)

Deborah's interdisciplinary background in science, psychology and public medicine reflects her interest in the impact of contemporary culture on citizens' values development, decision making, behaviour and wellbeing.

Deborah has taught at primary, secondary and tertiary level, and is the author of New Zealand's first stand-alone bioethics curriculum. Deborah's PhD researched the teaching and learning of bioethics as a vehicle for comprehensive values education at secondary school level.

A member of the working group that developed the educational goals of the UNESCO Joint Plan of Action for Regional Networking in Bioethics Education: Towards Better Bioethics Education, Deborah has presented on bioethics education in Singapore, South Korea, the Netherlands, Germany, Australia and the United Kingdom. Deborah is co-director of the *Centre for Science & Citizenship (CSC)*.

John Kleinsman (PhD)

John Kleinsman is the director of *The Nathaniel Centre – the New Zealand Catholic Bioethics Centre*. He has worked at The Nathaniel Centre since 2001 and was appointed Director in May 2010. He brings a varied background of community experience to his work in bioethics as a result of previous employment in the disability support and drug and alcohol rehabilitation sectors.

John has been teaching moral theology and ethics since 1998. During that time he has worked extensively with Year 12 and Year 13 students, as well as with Teachers of Religious Education.

He has commented and written extensively on issues related to end-of-life ethics in New Zealand over the past five years and is the present chair of the *Care Alliance*, a coalition which brings together organisations and individuals who want to nurture better conversations about dying in Aotearoa, New Zealand.



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John's PhD research focused on the potential contributions of contemporary 'thinkers of the gift' to a renewed theology of procreation and the implications of this for ethically evaluating the transmission of human life in an age of assisted reproductive technologies.

John was previously a member of the Central Region Health Research Ethics committee and serves on a number of other ethics committees and advisory committees.