

2011 年台灣聯合大學系統信義榮譽講座
UST Honorary Lecture on Research Integrity 2011

I. Introduction to the course

This course, Honorary Lecture on Research Integrity, is funded by Sinyi House and is held by University System of Taiwan. Chao-Han Liu, the vice president of Academia Sinica will be the host of this course; and professor Chien-Te Fang will be the executor of this course.

II. Agenda of the course

Class of this course will be lectured by invited speaker, and course schedule will be planned by the executor. Please see the syllabus below for key issues of this course.

There will be three topics of this course :

Topic 1: *Scientific Integrity and Research Misconduct*; including:

- a. Questions to be answered
- b. Science as built on trust
- c. Research misconduct—fabrication, falsification, or plagiarism in proposing, performing, or reviewing research, or in reporting research results: definition and case studies.
- d. Data handling issues
- e. Data sharing
- f. Factors putting pressure on scientists to compromise research integrity
- g. Responding to misconduct
- h. Impact of poor research conduct

Topic 2: *Scientific Integrity and Research Misconduct*; including:

- a. Questions to be considered
- b. Professional responsibility in authorship
- c. Necessary conditions for authorship credit
- d. Acknowledgement of contributions which do not qualify authorship
- e. Plagiarism and other unethical (and unacceptable) scientific publication behavior
- f. Co-authorship as implicit endorsement of the validity of the work
- g. Questions for group discussion
- h. Redundant publications
- i. Acceptable forms of authorship?

Topic 3: *Scientific Integrity and Research Misconduct*; including:

- a. Scientific integrity and fidelity
- b. Conflict of interest
- c. The significance of conflict of interest
- d. The character of conflicts of interest and their effects: illustrations and case studies
- e. Funding developments giving rise to financial conflicts of interest
- f. Possible policy response

III. Introduction of speakers

We are honored to have Professor Leonardo Castro and Professor Inez De Beaufort jointly as the speaker for this course. This course counts for 1 credit and will be started from Oct 3rd to Oct 14th, and the course schedule is as below:

10/03 Mon 18:00-21:00

10/05 Wen 18:00-21:00

10/07 Fri 18:00-21:00

10/12 Wen 18:00-21:00

10/14 Fri 18:00-21:00

10/15 Sat 09:00-12:00 Exam

IV. Evaluation

Attendance 50%, Exam 50%.

Introduction to Speakers

Professor Leonardo de Castro¹



Curriculum Vitae

Prof. Leonardo D. de Castro is Senior Research Fellow of Centre for Bioethics (CBmE), Yong Loo Lin School of Medicine of National University of Singapore. He heads the Capacity Development Programme in Ethics in Research. He is Chief Editor of Asian Bioethics Review. As a member of the UNESCO Advisory Expert Committee for Teaching of Ethics, he sits in the UNESCO Inter-Governmental Bioethics Committee. He has also served as Vice Chair of the International Bioethics Committee, President of the Asian Bioethics Association, Secretary of the International Association of Bioethics, and Vice Chair of the Forum for Ethics Review Committees in Asia and the Pacific. Prof. de Castro is also Bioethics Consultant of the United Nations, the World Health Organization, the European Union and the European Community.

As head of the Capacity-Building Programme at CBmE, Prof. de Castro heads a team that conducts training activities on research ethics and integrity, scientific misconduct, and ethics of publication for various institutions in Singapore including medical and research institutions such as the Agency for Science, Technology and Research (A*STAR), hospitals, universities, polytechnics, junior colleges, and secondary schools. The Capacity-Building Programme has collaborated with international agencies in organizing international conferences in Singapore. It has also worked with local institutions on various activities, including the establishment of a Bioethics Exhibition for students and the general public in cooperation with the Science Centre and the Bioethics Advisory Commission of Singapore.

Prof. de Castro represents the Philippines in the UNESCO Inter-Governmental Bioethics Committee. He had served as a member of UNESCO's International Bioethics Committee from 1999 to 2007 and had been its Vice Chair from December 2002 to May 2007. As a member of the Drafting Group for the Universal Declaration on Bioethics and Human Rights, Prof. de Castro participated in the formulation of the document approved by the UNESCO General Conference in October 2005. He continues to serve on UNESCO's Advisory Expert Committee for Teaching Ethics. The Expert Committee has been responsible for the formulation of a Core Curriculum for

¹ <http://cbme.nus.edu.sg/ourstaff.html>

the Teaching of Bioethics, which UNESCO is now starting to implement.

Prof. de Castro served on the Drafting Group for the 2002 revision of the WHO-Council for International Organizations of Medical Sciences (CIOMS) Guidelines for the Ethical Conduct of Research Involving human Subjects. His involvement with the Forum for Ethics Review Committees in Asia and the Pacific provided an opportunity to promote ethical biomedical research in several Asian countries. As a consultant to the European Community, he assisted in the establishment and training of the National Ethics Committee for Health Research in Cambodia and the Lao People's Democratic Republic. He later became Principal Investigator of a project funded by the U.S. National Institutes of Health to train Asian researchers in research ethics.

He has served as a consultant to the WHO on organ transplant ethics and is a member of the Asian Working Group Against Organ Trafficking. He also serves on the Custodian Group of the Declaration of Istanbul, an international body that has dedicated itself to the global campaign against organ trafficking and transplant tourism. He has undertaken empirical research on human organ commerce in the Philippines.

In November 2008, Prof. de Castro was elected as President of the Asian Bioethics Association. He had been a member of the Board of the International Association of Bioethics (IAB) from 1999 to 2007. He served as Secretary of the Association since 2002, and continues to be responsible for the IAB Secretariat. In the Philippines, he chairs the Philippine Health Research Ethics Board and is a member of the Department of Health's National Bioethics Advisory Committee. A member of the National Ethics Committee of the Philippines since 1996, he also served previously on the Philippine Organ Donation Advisory Board and the Medical City Research Ethics Committee.

During his stint at the University of the Philippines, Professor de Castro had served as Department Chair (Philosophy) for 9 years. He was responsible for the establishment of the Bioethics Program, which was the first one to be set up jointly in two autonomous campuses in Diliman and Manila. He served also in various other capacities, including as Secretary of the College of Arts and Sciences, Director of the Office of Alumni Relations, and Assistant to the President.

He has published 4 books and various articles on ethical theory and bioethics. He sits on the editorial board of several peer-reviewed academic journals. His current research interests include research ethics, ethical issues in organ transplantation, ethical issues relating to obesity, and ethics in genetics.

Awards & Honors

Awards won by Prof. de Castro include the Takashi Fujii Prize of the International Federation of Social Science Organizations, a National Book Award from the Manila Critics Circle, an Outstanding Publication Award from the Chancellor of the University of the Philippines, an Outstanding Monograph Award from the National Academy of Science and Technology, eight International Publication Awards from the President of the University of the Philippines and several awards of recognition from the College of Social Sciences and Philosophy.

Prof. de Castro earned his Ph. D. in Philosophy at the Centre for Philosophy and Health Care, University College Swansea, in Wales (1991).

Professor Inez De Beaufort

Inez De Beaufort

The Netherlands



Position

Inez de Beaufort has been professor of health care ethics and head of the department of medical ethics and philosophy of medicine at the Erasmus Medical Centre in Rotterdam, the Netherlands, since 1991.

Education

She has studied theology at the University in Utrecht and received a PhD on human research at the University of Groningen (cum laude 1985).

Experience

She has published on different subjects in medical ethics, e.g. human research, reproductive technologies, personal responsibility for health, ethics and beauty, medical ethics in fiction (films and novels), the elderly (euthanasia and dementia) and public health issues. Together with Frans Meulenberg she has written a medical ethical soap story in the Journal of Medical Ethics.

Although of an 'omnivorous' ethical disposition her present research themes are ethics and obesity, ethics and paediatrics, ethics and ageing, ethics and beauty, enhancement, and medical ethics in literature and films. She has been a member of many ethics committees of hospitals and national committees, such as the National Council for Health Care and the Dutch National Committee for Ethics and Medical Research.

She is among others an Honorary member of the Dutch Health Council, a member of a regional euthanasia review committee, a member of the Board of Advice to Dutch Health Care Insurers and a member of the Health care Package Appraisal committee of The Health Care Insurance Board, and a member of the Board of the International Association of Bioethics. She has served two terms in the EGE.