

**Curriculum Vitae**  
**Reidar K. Lie**  
Reidar.lie@fof.uib.no

**CURRENT POSITIONS**

**Professor of Philosophy**, 1995 –  
**Department Head**, 2011 -  
Department of Philosophy  
University of Bergen, Norway

**Adjunct Professor**, 2010 –  
Institute of Basic Medical Sciences  
Chinese Academy of Medical Sciences  
Peking Union Medical College, Beijing

**Adjunct Research Fellow**, 2011 –  
Department of Bioethics  
Clinical Center  
National Institutes of Health, USA

**EDUCATION**

**Ph.D** (Philosophy) July 1987  
University of Minnesota, Minneapolis  
Thesis: "Theory change in cardiovascular research"

**M.D.**, June 1983.  
University of Bergen

**Mag.art.** (Philosophy) September 1982  
University of Bergen  
Thesis: "Acceptance and rejection of hypotheses in medical science"

**PREVIOUS ACADEMIC POSITIONS**

**Head, Unit on International Research** 2002 - 2011  
Department of Bioethics  
Clinical Center, NIH, USA

**Adjunct Professor**, 2000 - 2009  
Thammasat University, Bangkok Thailand

**Assistant Professor**, 1987 – 1989  
Department of Medical Humanities  
School of Medicine  
East Carolina University, Greenville, North Carolina,

**Director, 1989 –1995**

**Professor of Medical Ethics, 1992 – 1995**

Center for Medical Ethics

University of Oslo, Norway

## **MAJOR FUNDED RESEARCH PROJECTS**

### **Research Program in Bioethics**

Director of a 5 year research and competence building project in Medical Ethics, funded by the Norwegian Research Council, 1989-1994. A total of 7 Ph.D. students were associated with this project, all of whom have successfully defended their dissertations. Funded by the Norwegian Research Council, US\$ 1,000,000

**ETHICA** - Ethics and Health: An International and Comparative Arena. Core project was a collaboration between the University of Colombo, Sri Lanka and the University of Bergen, Norway in ethics and health policy. Funded from 1996-2006. Co-director. Funded from Norwegian Council for Higher Education's Programme for Development Research and Education, US\$ 500,000

**SEAHEN** - South East Asian Health Ethics Network. Consultant on a WHO-SEARO region project with the aim of creating a network in the region as well as initiating research projects. Funded from 1997 - 1998 by World Health Organization, South East Asian Regional Office, New Delhi, US\$ 200,000

**EUROPEAN ETHICS NETWORK** - EU funded Socrates project with the aim of producing European textbooks in applied ethics as well as prepare a European Master-program in ethics. Co-coordinator of the Bioethics part of this project. Funded from 1997 - 1999, by European Commission, Brussels US\$ 3,000 (Bergen part)

**EURO ELSAV - BIOMED** project on ethical, legal and social issues in vaccine development, coordinated from Rome. Responsible for a sub-project on ethical issues in international collaborative vaccine trials within this general project. Funded from 1998 - 2000, by European Commission, Brussels. US\$ 60,000 (Bergen part)

**HUMAN RIGHTS, EQUITY AND HEALTH SECTOR REFORM.** TDR/WHO funded project involving three countries, Bangladesh, Sri Lanka and Thailand. Funded 1998-1999. Funded by World Health Organization, Geneva, US\$100,000

**CTC-ETHICS - Ethical issues in clinical trial collaborations with developing countries.** EU funded, 2000-2002. Director. Funded by European Commission, Brussels, US\$ 300,000

**EVIBASE.** Ethical issues in evidence based medicine. EU funded project 2001-2002. Funded by European Commission, Brussels, US\$ 50,000

**BIG** Bioethical Implications of Globalization. EU funded project, 2002-2004. US\$ 800,000

**EDCEP** – European Developing Countries Ethics Partnership, EU funded project, 2003-2005, US\$ 240,000

## **NIH RESPONSIBILITIES 2002 - 2011**

- Responsible for capacity building in research ethics at NIH funded international sites in Africa, Asia and Latin America. Organized and conducted more than 50 capacity building workshops in more than 20 countries.

- Consulted with international organizations such as WHO, and national ministries and funding bodies such as ICMR in India, Ministries of Health in China, Japan, Vietnam, Uganda, and South Africa
- Trained PhD researchers, members of ethics review committees and policy makers in government bodies

## **EDITORIAL ADVISORY BOARD POSITIONS**

- Theoretical Medicine
- Ethical Perspectives
- Developing Countries Bioethics
- Asian Bioethics Research
- Social Science and Medicine (1994-1997)
- Journal of Medicine and Philosophy (1990-2000)

## **BOARDS AND OTHER POSITIONS**

### *INTERNATIONAL ADVISORY COMMITTEES*

- Member, International Advisory Committee of the International Association of Bioethics 10th World Congress, Singapore 2010
- Consultant for the European Commission on capacity building in developing countries, 2006
- Consultant for UNAIDS/WHO on access to care for participants during vaccine trials, 2005 - 2006
- Member, Ethics Committee of the Human Sciences Research Council, South Africa, 2006 -
- Member, International Advisory Committee of the International Association of Bioethics 8th World Congress, Beijing China, 2006
- Member, Advisory Board of University of Maryland School of Medicine Research Ethics Training Initiative in Egypt, 2005-
- Member of Scientific Advisory Board, South African Aids Vaccine Initiative, 2004-
- Member, Advisory Board of Johns Hopkins University-Fogarty African Bioethics Training Program, 2002-
- Member of UNAIDS team to do an ethical review of phase III HIV vaccine trial in Bangkok, Thailand, 2001
- Review of research proposals for funding, Belgian Research Council, 2001
- Member of Advisory Group for the CIOMS Research Ethics Guidelines, 2000-2002
- Review of research proposals for funding under the Quality of Life Programme, European Commission, 1999-2003
- Member of UNAIDS team to assess plan for HIV vaccine development in Kenya, South Africa and Zambia, 1999-2000
- Member of writing team for the UNAIDS HIV vaccine Ethics Guidance Document, 1998-2000
- Ethics review of funded research, European Commission, 1998-2003
- Member of Community Advisory Board, Immuno AG, Vienna, 1994-1996

### *NORWEGIAN COMMITTEES*

- Commission of the Ministry of Health on Psychiatry and Lobotomy in Norway. Member, 1991-1992
- Commission appointed by the Social Security Court on definition of disease for the purpose of sickness certification. Member, 1994

## *NIH SERVICE*

- Member, International Clinical Research Subcommittee
- Member, HPTN Science Review Committee
- Consultations for Division of AIDS, NIAID, including PSRC and CSRC, from February 2005
- Ad hoc consultancies on issues related to the UNESCO Universal Declaration of Bioethics, Council of Europe Stored Tissue Convention, Declaration of Helsinki
- Ad hoc consultancies on issues related to specific protocols reviewed by NIAID, and policy proposals regarding treatment provision in HIV treatment trials.
- Consultations and Participation in training programs conducted by Fogarty funded programs in South Africa and the Philippines.
- Member of international research ethics group, subcommittee of EPMC
- Reviewer of grant applications for Program to Enhance NIH-supported Global Health Research Involving Human Subjects (SO7) RFA, Spring 2010

## **INTERNATIONAL TRAINING WORKSHOPS IN BIOETHICS AND RESEARCH ETHICS**

- Organized one-week training workshops for faculty of medical and nursing schools funded by WHO-SEARO in Sri Lanka and Nepal. A total of five workshops between 1996 and 1998
- Organized three day training workshops for members of research ethics committees in Geneva, Brazil, South Africa and India 1998-1999, funded by UNAIDS
- Organized over 50 one day to one week training workshops in Thailand, Indonesia, India, China, Japan, Nepal, Nigeria, Uganda, South Africa, Mali, Ghana, Tanzania, Ethiopia, Brazil, Argentina, Peru, Israel, Egypt, Philippines, Turkey, Korea, Sri Lanka, Vietnam, Malaysia, Zambia, 2000-20011
- Development of training curriculum in Bioethics for the South East Asian Region,
- 1999-2001
- Introduction to bioethics. Module in Diploma Course in Health Policy, University of Colombo, Sri Lanka, November 2004

## **TEACHING EXPERIENCE**

### *UNDERGRADUATE TEACHING*

Teaching of bioethics to medical students

Teaching of research ethics to post-graduate students

Teaching of philosophy of science, ethics and bioethics to philosophy students

### *POSTGRADUATE TEACHING*

Philosophy of Science and Ethics to Master level students in Philosophy

Thesis supervision of students in International health

Thesis supervision of students in Philosophy Department

Continuing Medical Education for physicians and nurses

#### *PH.D. STUDENTS SUPERVISED*

- Per Nortvedt: Sensitive Judgment. Nursing, Moral Philosophy and an Ethics of Care, University of Oslo 1996
- Per Sandberg: University of Trondheim, 1996. Genetic Information and Life Insurance: A proposal for an Ethical European Policy.
- Lars Fjell Hansson: Autonomy and paternalism in health promotion, University of Oslo, 1997
- Ole Frithjof Norheim, M.D.: Limiting access to health care: A contractualist approach to fair rationing. University of Oslo, 1998
- Jon Vegar Hugaas. Ethos, ethics, and end-of-life issues in Japan 2006, University of Bergen
- Hans Magnus Solli, M.D.: An ethical analysis of the use of medical knowledge in welfare politics. Norwegian social welfare as a case, 2007, University of Oslo
- Allen Alvarez. Threshold considerations: the ethics of healthcare rationing in extreme scarcity 2009, University of Bergen
- Sakchai Chaiyamaipurk. Ethics of testing and counseling for HIV in Thailand. Naresuan University, Thailand, 2011
- Sanga Intajak. Human rights, equity and health sector reform: A Thai perspective. Current. University of Bergen
- John Barugahare. Ethics of health sector reform in Uganda. Current. University of Bergen
- Chunshui Wang. Ethics of health insurance in China. Current. University of Bergen
- Nicola Barsdorf. What obligations do emerging countries have to poorer countries? Current. University of Bergen

## **THESES**

Lie R. Acceptance and rejection of hypotheses in medical science. (Mag. art. thesis). Bergen, 1982. Advisor: Professor Gunnar Skirbekk

Lie R. Theory change in cardiovascular research (Ph.D. dissertation). University of Minnesota, 1987 Advisor: Professor Philip Kitcher

## **PUBLICATIONS**

### *EDITED BOOKS*

Emanuel E, Grady C, Lie RK, Miller F, Wendler D, eds. Oxford Textbook of Clinical Research Ethics, Oxford University Press, 2008

Meulen, R.t.; Biller-Andorno, N.; Lenk, C.; Lie, R. (Eds.) Evidence-based Practice in Medicine and Health Care. A Discussion of the Ethical Issues, Springer, Berlin Verlag, 2005

Lie RK, Schotsmans P, eds Healthy thoughts: European Perspectives on Health Care Ethics. Peeters Verlag, Leuven, 2002.

Kasturiaratchi, N. Lie, Reidar K., Seeberg J. Health Ethics in six SEAR countries. WHO-SEARO, New Delhi, 1999

Gilje N, Lie R, Skirbekk G. Kompendium i medisinsk etikk og vitenskapsteori. Universitetsforlaget, Oslo 1982

### *PROCEEDINGS AND SPECIAL ISSUES OF JOURNALS EDITED*

Reidar K. Lie, Joseph Millum, eds. Asian Bioethics. Breaking New Grounds. Special issue of Asian Bioethics Review, Volume 2, Issue 3, 2010

Hanzade Dogan, Reidar Lie, eds. Proceedings of an international workshop on Advanced Clinical Research Ethics. University of Istanbul, 2010. ISBN 978-0-9865824-0-0

Lie RK, Halvorsen RS, Brantsæter MC. Homoseksualiteter på norsk. Rapport fra en forskningskonferanse. Bergen, 1996

Lie RK. Etikk og moderne nyfødmedisin, Statens helsetilsyn, 1994

Greve G., Lie RK, Rotevatn S, eds. The heart under normal and pathological conditions: Comparative and experimental studies Acta Physiologica Scandinavica, S 599, 1991

### *ARTICLES*

Matsu K, Lie RK, Turin TC, Kita Y. Is longer better? A randomized controlled trial of different length informed consent forms in a genetic cohort study. Submitted for publication, Journal of Epidemiology

Shah S, Lie RK. Aiming at a moving target: Research ethics in the context of evolving standards of care and prevention. Submitted to BMJ

Shah S, Dawson L, Dixon DO, Lie RK. Should sponsors and DSMBs share interim results across trials. Accepted for publication, Journal of AIDS

Lie RK, Miller FG. What counts as reliable evidence for public health policy: the case of circumcision for preventing HIV infection. BMC Medical Research Methodology 2011; 11: 34

Lie RK. The Fair Benefits Approach Revisited. Hastings Center Report 2010, July-August, 3

Xinqing Zhang, Kenji Matsui, Benjamin Krohmal, Alaa Abou-Zeid, Vasantha Muthuswamy, Young-Mo Koo, Yoshikuni Kita and Reidar K. Lie. Attitudes towards transfers of human tissue samples across borders: An international survey of researchers and policy makers in five countries, BMC Medical Ethics 2010; 11: 16

Matsui, K., A. Zeid, Xinqing Zhang, Benjamin Krohmal, Alaa Abou-Zeid, Vasantha Muthuswamy, Young-Mo Koo, Jesse Chao, David Wendler, Yoshikuni Kita and Reidar K. Lie. Informed Consent to Future Research on Stored Tissue Samples: the Views of Researchers, Ethics Review Committee Members and Policy Makers in Five Non-Western Countries. Asian Bioethics Review 2009, 1(3): 401-416

Astor A, Lie RK. Physician migration. In Ethics and health in the global village. Bioethics, globalization and human rights. Ed. Emilio Mordini. CIC Edizioni Internazionali, Roma, 2009, pp. 259-268 (ISBN 978-88-7141-845-2)

Lie RK. Ethical issues in international research. In: Wiley Encyclopedia of Clinical Trials, Ralph B. D'Agostino, Lisa M. Sullivan and Joseph M. Massaro, eds. John Wiley & Sons, 2008

Lescano AR, Blazes DL, Montano SM, Moran Z, Naquira C, Ramirez E, Lie R, Martin GJ, Lescano AG, Zunt JR. Research ethics training in Peru. A case study, Plos ONE 2008

Matsui K, Lie RK, Kita Y, Ueshima H. Ethics of future disclosure of individual risk information in a genetic cohort study: a survey of donor preferences. Journal of Epidemiology 2008; 18: 217-224

Participants in the 2006 Georgetown University Workshop on the Ancillary-Care Obligations of Medical Researchers Working in Developing Countries. The Ancillary-Care Obligations of Medical Researchers Working in Developing Countries. PloS Medicine 2008; 5: e90

Sabik L, Lie R. Principles vs. procedures in making health care coverage decisions: Addressing inevitable conflicts. Theoretical Medicine and Bioethics 2008; 29: 73-85

Sabik L, Lie, R. Priority setting in health care: Lessons for the US from the experiences of six countries. International Journal for Equity in Health Care, 2008, 7: 4

Lie RK. Ethics of placebo controlled trials, and the ethics of ancillary care (in Japanese) Rinsho Hyoka (Clinical Evaluation), 2007; 35: 283-310

Matsui K, Lie RK, Kita Y. Two methods of obtaining informed consent in a genetic

epidemiological study: Effect on understanding. *Journal of Empirical Research on Human Research Ethics* 2007; 2: 39-48

Lie RK. Post-genom forskning. Et prioriteringsproblem. In: Ulf Görman, eds. *Att forma vår framtid*, pp. 241-251, Nordic Academic Press, 2007

Lie RK. Standard of care owed to participants in trials: Different standards in different countries? In: Ashcroft R, Angus Dawson, Heather Draper and John McMillan, eds. *Principles of Health Care Ethics*, John Wiley, London, 2007, pp. 729-734

Matsui K, Lie Reidar K. Privacy shakes Japan's statistics on health and welfare. *Eubios Journal of Asian and International Bioethics* 2007; 17:41-48

Dickert N, DeRiemer KL, Duffy P, Garcia-Garcia L, Sina B, Tindana P, Lie RK. Ancillary care responsibilities in observational research: Two cases, two problems. *Lancet* 2007; 369: 874-77

Novotny TE, Mordini E, Chadwick I, Pedersen JM, Fabbri F, Lie R, Thanachaiboot N, Mossialos E, Permanand G. Bioethical Implications of Globalization (BIG):an International Consortium Project of the European Commission. *PLoS Medicine* 2006 3 e43

Lie RK, Grady C, Emanuel EJ. Circumcision and HIV prevention research. An ethical analysis *Lancet* 2006;368: 522-25

Permanand G, Lie RK. Globalization, liberalization of trade and health. In: E Mordini, ed. *Bioethical implications of Globalization*, CIC Edizioni Internazionali, Rome, 2005, pp. 55-64

Astor A, Akhtar T, Matallana MA, Muthuswamy V, Olawu FA, Tallo V, Lie RK. Physician migration: Views from professionals in Colombia, Nigeria, India, Pakistan and the Philippines *Social Science and Medicine* 2005; 61: 2492-2500

Lie RK. Research ethics and evidence based medicine. In Meulen, R.t.; Biller-Andorno, N.; Lenk, C.; Lie, R. (Eds.) *Evidence-based Practice in Medicine and Health Care. A Discussion of the Ethical Issues*, Springer, Berlin Verlag 2005, pp. 97-104 [same as JME article with same title]

Solli HM, da Silva AB, Lie, RK, Bruusgaard D. Biomedisinsk sykdomsmodell og materielle kriterier for rettfærdig fordeling av uførepensjonssaker [Biomedical model of disease and criteria of distributive justice in disability pension cases]. *Tidsskrift for den norske lægeforening* 2005; 125: 3293-6

Lie RK. Research ethics and evidence based medicine, *Journal of Medical Ethics* 2004: 30: 122-125

Lie RK, Emanuel E, Grady C, Wendler D. The standard of care debate: The international consensus opinion versus the Declaration of Helsinki *Journal of Medical Ethics* 2004: 30: 190-193

Belsky L, Lie R, Mattoo A, Emanuel E, Srenivasan G. The General Agreement on Trade in Services. Implications for policymakers *Health Affairs* 2004;23(3) 137-145

Participants in the 2001 Conference on Ethical Aspects of Research in Developing Countries. Moral Standards for Research in Developing Countries: From "Reasonable Availability" to "Fair Benefits" *Hastings Center Report* 2004: (May-June, No 3): 17-26

Wendler D, Lie RK, Emanuel E. The standard of care debate: Can researchers be ethical and helpful. *American Journal of Public Health* 2004;94: 923-927

Lie RK. Health, human rights and mobilization of resources for health. *International health and human rights journal* 2004; 4: 4 (8 October)

Lie RK. Ethical issues in bioterrorism research. In: Proceedings of an international conference on ethical implications of research into the prevention of bioterrorism. European Commission, Brussels, 2004.

Lie RK. The absolute ethical requirement of individual, informed consent: A commentary on Barrett and Parker, *Monash Bioethics Review* 2003: 22 (3): 18-22

Biller N, Lie, RK, ter Meulen R. Evidence based medicine as an instrument for rational health policy. *Health Care Analysis* 2002: 10 (4): 261-275

Jayasinghe S, Mendis N, Lie R. Use of disability adjusted life years in health planning - a plea for caution. *Ceylon Medical Journal* 2002: 47: 61

Lie RK. The ethics of the patient physician relationship. The Anglo-American Approach in European context. In. Lie RK, Schotsmans P, eds *Healthy thoughts: European Perspectives on Health Care Ethics*. Peeters Verlag, Leuven, 2002, pp.7-26

Lie RK. Randomised clinical trials. In Lie RK, Schotsmans P, eds *Healthy thoughts: European Perspectives on Health Care Ethics*. Peeters Verlag, Leuven, 2002. pp 171-188

Lie RK. The HIV perinatal transmission studies and the debate about the revision of the Helsinki Declaration. In Lie RK, Schotsmans P, eds *Healthy thoughts: European Perspectives on Health Care Ethics*. Peeters Verlag, Leuven, 2002. pp 189- 206

Participants in the 2001 Conference on Ethical Aspects of Research in Developing Countries. Fair benefits for research in developing countries. *Science* 2002;298: 2133-2134

Lie RK. Intellectual property rights and confidentiality. *Acta Tropica* 2001: 28, supplement 1, 54-61

Lie RK. Justice and international research. In. Robert Levine, Samuel Gorowitz, eds. *Biomedical research ethics: Updating international guidelines. A consultation*. CIOMS, Geneva, 2000, pp. 27-40

Fonseca OQ, Lie RK. Comprehension of informed consent form and general knowledge of vaccines among potential participants for an HIV vaccine trial in Brazil. *International Journal of Pharmaceutical Medicine* 1999;13:233-260

Lie RK. Ethical issues in international collaboration in vaccine trials. *Archives of clinical bioethics* 1999;2:15-18

Lie RK. Ethical dilemmas and resource allocation. Two questionnaire studies. WHO-SEARO, New Delhi 1999

Lie RK. Etterord til oversettelsen av Steven Shapin's The scientific revolution. 1999

Lie R. K. Ethics of the physician-patient relationship. *Ethical Perspectives* 1998

Lie R.K. The perinatal HIV transmission studies. *Bioethics* 1998;12:307-311

Jayasinghe S, de Silva D, Mendis N, Lie RK. Ethics of resource allocation in developing countries: the case of Sri Lanka. *Social Science and Medicine* 1998; 47:1171-1180

Lie RK . Genetiske tester og kunnskap om risiko om sykdom. In: Egil Ruud og Britta Nilsson, red. *Hver for seg små - sammen store. Frambu-Senter for sjeldne funksjonshemninger*, Oslo, 1997, ss. 39-43.

Lie R. K. Medisinsk etikk, Foucault og homoseksualitet. *Lambda Nordica* 1997; 3(4):41-49

Lie RK. Ethical issues in clinical trial collaborations with developing countries - with special reference to preventive HIV vaccine trials with secondary endpoints. UNAIDS Working Paper, 1997

Lie RK. Forskningens innhold. Det medisinske fakultets historie. In *Universitetet i Bergens historie, bind II. Universitetet i Bergen*, Bergen 1996, pp. 318-389; 760-778

Fonseca OQ, Lie RK. Informed consent to preventive AIDS vaccine trials in Brazil: a pilot study. *AIDS and Public Policy Journal* 1995; 10:22-26

Lie RK. Experimental treatment, rationing and values. *Social Science and Medicine* 1994; 39:1011-1014

Hermeren G, Holm S, Lie RK. Bioethics in Scandinavia, 1991 - 1993. In Lustig BA, Brody BA, Engelhardt HT, McCullough LB. *Regional Developments in Bioethics, 1991-1993*. Kluwer Academic Publishing Group, Dordrecht 1994, 301-326.

Lie RK. En del grunnleggende etiske spørsmål i moderne nyfødttmedisin, Statens helsetilsyn, 1994

Lie R. Ludwik Fleck and Philosophy of Medicine. In. *Science, Technology and the Art of Medicine: European- American Dialogues*, ed. Corinna Delkeskamp & Mary Ann Gardell Cutter, 1993

- Brody B, Lie RK. Methodological and conceptual issues in health system comparisons: Canada, Norway and the United States. *Journal of Medicine and Philosophy* 1993;18:437-463
- Brody B, Lie RK. Response to Poullier. *Journal of Medicine and Philosophy* 1993; 18:475-476
- Lie RK. HIV-infeksjon og taushetsplikten. Korrespondanse. *Tidsskr Nor Lægeforen* 1992;12:112-113
- Lie RK: Sykdomsbegrepet og årsaksbegrepet. In T. Bjerkedal, ed. *Forebyggende medisin*, Universitetsforlaget, Oslo 1992, 18-25
- Lie RK, Paulsen JE. Bioethics in Scandinavia, 1989 - 1991. In Lustig BA, Brody BA, Engelhardt HT, McCullough LB. *Regional Developments in Bioethics, 1989-1991*. Kluwer Academic Publishing Group, Dordrecht 1992, 279-308
- Lie R. Anmerkungen zur Analyse des Fortschrittsbegriffes in den experimentellen biomedizinischen Wissenschaften: Eine Fallstudie aus der kardio-vaskulären Physiologie. In: Deppert W, Kliemt H, Lohff B, Schaefer J, eds. *Wissenschaftstheorien in der Medizin. Ein Symposium*. Walter de Gruyter Verlag, Berlin, 1992, 355-69
- Schaefer J, Lie RK. Zwei Beispielhafte Illustrationen zum Reduktionismusproblem in der Medizin. In: Deppert W, Kliemt H, Lohff B, Schaefer J, eds. *Wissenschaftstheorien in der Medizin. Ein Symposium*. Walter de Gruyter Verlag, Berlin, 1992, 403-419
- Schaefer J, Deppert W, Lie RK, Lohff B, Noble MIM. Historical note on the translation of H.P. Bowditch's paper 'Ueber die Eigenthümlichkeiten der Reizbarkeit, welche die Muskelfasern des Herzens zeigen". In: Noble MIM, Seed WA, eds. *The Interval Force Relationship of the Heart*. Cambridge University Press, Cambridge 1992, 31-9
- Schaefer J, Deppert W, Lie RK, Lohff B, Noble MIM. Translation of H.P. Bowditch's paper: 'Ueber die Eigenthümlichkeiten der Reizbarkeit, welche die Muskelfasern des Herzens zeigen". In: Noble MIM, Seed WA, eds. *The Interval Force Relationship of the Heart*. Cambridge University Press, Cambridge 1992, 3-30.
- Lie R. Patterns of theory change in biomedicine: A case study from cardiology. *Synthese* 1991; 89:75-88
- Lie R. The angina pectoris controversy during the 1920s *Acta Physiologica Scandinavica* 1991, S599, 129-141
- de Cuzzani P, Lie R. The importance of epistemology for clinical practice. *Theoretical Medicine* 1991; 12: 87-90
- Hansson LF, Ruyter K, Lie RK. Prioriteringer i helsevesenet i Oregon. Hva kan vi lære? *Tidsskr nor lægeforen* 1991;11:3416-9
- Tranøy KE, Lie R, Solbakk JH. Medisinsk etikk. *Tidsskrift for den norske lægeforening* 1990; 110: 2179 - 2180

K. Sagawa, R. Lie, J. Schaefer. Introduction to and translation of O. Frank: Die Grundform des arteriellen Pulses. *J Mol Cell Cardiol* 1990; 22: 253 - 277.

Lie R. En kritikk av Ronald Dworkin's argument mot en utilitarisme uten restriksjoner. *Norsk Filosofisk Tidsskrift* 1988; 23: 213-222

Lie R. Homoeopati - vitenskap eller pseudovitenskap? In L. Gule, H. Laugerud (ed), *Vitenskap og verdensbilder*. Ariadne Press, 1989: pp. 260-279

Lie R K. The Philosopher as Physician: Testing clinical hypotheses. In Elliot Cohen, ed. *Philosophers at Work. An Introduction to the Issues and Practical Uses of Philosophy*, Holt, Rinehart, and Winston, New York, 1989, pp. 203-211.

J. Schaefer, R. K. Lie, T Kenner, M Franz, K F Schaffner, D. Burkhoff, K Sagawa, D. T. Yue. Letter to the editor: A place for theoretical cardiology? *Basic Research in Cardiology* 1987; 82: 317-318

Lie R. An examination and critique of Harsanyi's version of utilitarianism. *Theory and Decision* 1986; 21: 65-83

Lie R. The 'border zone controversy' - a study of theory structure in biomedicine. *Theoretical Medicine* 1986; 7:243-258

Lie R. The use of interval estimators as a basis for decision making in medicine. *Theoretical Medicine* 1984; 5: 233-240.

Kaisen A, Kjetsa G A, Lie R K, Hjetland R, Haaland P T, Moller P, Oulie H E, Tveit T, Maeland J G. Interns' evaluation of their preparation for general practice: A comparison between the University of Tromso and the University of Bergen. *Medical Education* 1984; 18: 349-354.

Rotevatn S, Jodalen H, Lie R. Propranolol induced lipid accumulation and mitochondrial granularity of myocardial cells. *Cardiovascular Research* 1983; 17: 290-293.

Hjetland R, Haaland P T, Kaisen A, Kjetså G A, Lie R K, Møller P, Oulie H, Tveit T, Mæland J G. Turnuskandidaters syn på medisinerutdanningen. En undersøkelse blant nyutdannede kandidater fra Tromsø og Bergen. *Tidsskrift for den norske lægeforening* 1983; 103: 936-939 (Norwegian version of "Interns' evaluation of their preparation..." below)

Jodalen H, Lie R, Rotevatn S. Effect of isoproterenol on lipid accumulation in myocardial cells. *Res Exp Med (Berl)* 1982; 181: 239-244.

Lie RK. Bruk av beslutningsteori i medisinsk virksomhet. In Gilje N, Lie R, Skirbekk G, eds. *Kompendium i medisinsk etikk og vitenskapsteori*. Universitetsforlaget, Oslo, 1982.

Lie RK. Annotert bibliografi i medisinsk etikk. I Gilje N, Lie R, Skirbekk G, eds. *Kompendium i medisinsk etikk og vitenskapsteori*. Universitetsforlaget, Oslo, 1982.

Lie R, Jodalen H, Rotevatn S. Accumulation of myocardial lipid droplets in dexamethasone treated mice. *Cell Tissue Res* 1981; 216: 661-663.

Saetersdal T, Engedal H, Lie R, Myklebust R. On the origin of Z-band material and myofilaments in myoblasts from the human atrial wall. *Cell Tissue Res* 1980; 207: 21-29.

Saetersdal T, Jodalen H, Lie R, Rotevatn S, Engedal, H, Myklebust R. Effects of isoproterenol on the dense core and perigranular membranes of atrial specific granules. *Cell Tissue Res* 1979; 199: 213-224.

#### BOOK REVIEWS

Fagot, Medecine et probabilites. *Theoretical Medicine* 1987; 8: 247-248.

L. Berger, Psychoanalytic theory and clinical relevance. What makes a theory consequential for practice? *Theoretical Medicine* 1987; 8: 248-250.

E. Shelp, ed. Virtue and Medicine. Explorations in the character of medicine. *Theoretical Medicine* 1987; 8: 379-382

D. VanDeVeer, Paternalistic Intervention. The Moral Bounds of Benevolence. *Theoretical Medicine* 1988; 9: 373-376.

G. Agich and C. Begley, eds. The Price of Health. *Theoretical Medicine* 1988; 9: 376-378.

R. C. McMillan, H. T. Engelhardt, S. F. Spicker (eds). Euthanasia and the newborn. *Theoretical Medicine* 1989; 10: 269-270

Daniel A. Albert, Ronald Munson, Michael D. Resnik. Reasoning in Medicine. An Introduction to Clinical Inference. *Theoretical Medicine* 1989; 10: 272-273

Johnson AG. Pathways in medical ethics. *Tidsskrift for den norske lægeforening* 1991;11:805-807.

Malmgren H. Medicinsk etikk. En sosialfilosofisk analys. *Tidsskr nor lægeforen* 1991;111:1457.

Fulford KWM. Moral theory and medical practice. *ESPMHC Newsletter* May, 1991, 58-60.

I Löwy. The Polish School of Philosophy of Medicine. *Social Science and Medicine* 1992; 34-335-336

N. Daniels, J. Sabin. Setting Limits Fairly. Can we learn to share medical resources? *Journal of Health Politics, Policy and Law*, 2003: 28:1125-1128

#### OTHER

Reidar K. Lie and Loretta M. Kopelman. A Conversation about Wittgenstein with K. E. Tranoy. Videotape, Center for Medical Communications, East Carolina University School of Medicine, 1988.

Miller, FG, Lie, Reidar K. Letter to the editor. Pain 2004; 112: 411

Wendler D, Emanuel E, Lie RK. The standard of care debate – conceptual clarifications. Letter. 2004; 94: 2048-2049

## **PRESENTATIONS**

### *INVITED PRESENTATIONS*

Ethics and Resource Allocation. Invited presentation, 20th Congress of the International Society of Internal Medicine, Stockholm, June 18, 1990

Medical Ethics in Norway Department of Medical Humanities, Michigan State University, East Lansing, Michigan, February 9, 1990

Quality of Life." Some philosophical reflections WHO conference, Tromsø, Norway, May 31, 1991

Ethical problems in xenotransplantation. Espace Europeen des Sciences et des Arts, Strasbourg, June 29 - July 2, 1992

Clinical trial methodology: A challenge for the emerging discipline of philosophy of medicine Center for Clinical Medical Ethics, University of Chicago, September 14, 1992

Lectures on Medical Ethics, various Universities in Sri Lanka, 1992 – 1995

Ethical issues in living organ donation. Conference on organ transplantation. Yale University, April 1993

Ethical issues in preventive AIDS vaccine development University of Sao Paulo, Sao Paulo, Brasil, December 1993.

Ethical issues in preventive AIDS vaccine development. Annual meeting of the American Association for the Advancement of Science, San Francisco, February 20, 1994

Challenges in Cross-cultural medical ethics. Keynote address of the Bioethics "Mega-meeting", Pittsburgh, October 1994.

Randomised Clinical Trials: A conflict between sound methodology and responsible ethics. Presented at a Wellcome Symposium on "Medicine and Mathematics" in London, March, 1996

The World Bank. Investing in Health Invited presentation at the III. World Congress of Bioethics, San Francisco," November 1996

Ethical issues in the physician patient relationship Keynote address at the annual meeting of the European Ethics Network, Leuven, Belgium, September 1997

Issues in cross-cultural bioethics. Invited presentation at the Annual meeting of the American Anthropological Association, Washington DC, November 1997

Human Rights, equity and health sector reform. Harvard University, November 1998

Ethical issues in international research EU workshop on training trialists, Annecy, France, March 1999

Intellectual property rights and research ethics African Malaria Treatment and Vaccine Network, Arusha, Tanzania, November 1999

WHO consultation on Responsiveness in Evaluating Health Systems Performance, WHO, Geneva, October 2001

CIOMS meeting to discuss revision of International research ethics guidelines, Geneva, Switzerland. Attended and chaired sessions. Member of drafting committee February 27-March 1, 2002.

Equity and health policy. Presentation, University of Colombo, Sri Lanka 10 April, 2002.

Seoul, Korea. International course in research ethics. Various presentations on research ethics June 19-21, 2002.

September 18-20, 2002. International conference on prioritization in health care, Oslo, Norway. Presentation: Human rights and health policy

Fair processes and resource allocations. The case of Sri Lanka and Thailand. Presentation at East Carolina University, Greenville, North Carolina August 30, 2002.

Intercountry meeting on research ethics, WHO regional office, New Delhi, India. Various presentations September 9-13, 2002.

Presentation on international research ethics for the European Group on Ethics, Brussels, Belgium October 1, 2002.

International course on research ethics, organized by African AIDS Vaccine Program. Lagos, Nigeria. Various presentations October 3-5, 2002.

Informed consent and Voluntary Testing and Counseling for HIV. Workshop, WHO, Geneva, Switzerland November 19-21, 2002.

Project meeting of the EU funded project, Bioethical Implications of Globalization, Rome Italy. Presentation on "Globalization and Health". January 24-25, 2003

Howard University, Washington, DC. Cross cultural and international issues in informed consent April 4, 2003.

WHO, Oslo, Norway. Consultation on sampling strategies for HIV drug resistance surveillance, April 25-26, 2003

WHO, Geneva, Switzerland. Contextualizing international research ethics guidelines June 2-3, 2003.

Sofia, Bulgaria. Fogarty meeting. Presentation on Ethical issues in international collaborative research June 4-6, 2003

Project meeting of the EU funded project, Bioethical implications of Globalization, Manchester, England 11-12 June, 2003.

International research ethics, Presentation at the Yale University Summer Institute on AIDS, New Haven 25-26 June, 2003

Risk benefit evaluations in children. HAVEG meeting, Durban South Africa August 8, 2003.

Emerging issues in international research ethics. SARETI meeting, Durban, South Africa August 9, 2003

The New Universalism in Health Policy. Presentation at Witwatersrand University, Johannesburg, South Africa August 11, 2003.

International Research Ethics. Presentation at University of Pretoria, Pretoria, South Africa August 11, 2003

Issues in collaborative research. Presentation, University of Colombo, Sri Lanka August 15, 2003

International course in research ethics, Thammasat University, Bangkok, Thailand. September 1-5, 2003

Research ethics. Naresuan University, Phitsanulok, Thailand, September 19, 2003

Benefit arrangements in Microbicide trials. Consultation, Washington DC, October 2003

Post trial benefits to research. Presentation at Network meeting of Bioethics Grants, Fogarty International Center, October 2003

International research ethics. PRIM&R course, Washington DC, December 2003

Ethical issues in HIV vaccine research. International Conference on Bioethics, Beijing, China, January 2004

Ethical issues in Bioterrorism research. Meeting organized by the European Commission, Brussels, February 2004

Ethical issues in health care prioritization. University of Oregon, Eugene, March 2003

Human rights and prioritization. University of Wisconsin, Madison, March 2003

Presentations in Fogarty Training Course in Research Ethics, University of the Philippines, Manila, April 2004

Presentations on research ethics for medical students training for international health, Fogarty International Center, July 2004

Presentations at course in health policy, University of Colombo, Sri Lanka, November 2004

Presentations at WHO consultation on Ethical considerations related to the provision of care and treatment in vaccine trials, Malawi, March 2005

Presentations in Fogarty Training Course in Research Ethics, University of the Philippines, Manila, April 2005

Cross cultural issues in research ethics. Annual AIDS summer course, Yale University, June 2005

Post-genomic research and developing countries: A challenge for international research collaborations. Symposium organized at Lund University, Sweden, June 2005

Competence building in Europe on international collaborative research. Chaired meeting organized by the European Commission, Brussels, June 2005

Ethical issues in international collaborative research. Oral presentation at 8<sup>th</sup> World Congress of Biological Psychiatry, Vienna, July 2005

Risk benefit evaluations in adolescent HIV vaccine trials. Workshop organized by the African Aids Vaccine Program, Dakar, Senegal, August 26, 2005

Presentations on research ethics and clinical ethics for students at Peking Union Medical College, Beijing, China, December 2005

Presentation on public health ethics, Chinese CDC, Beijing, China, December 2005

Introduction to research ethics, Clinical Trial Support Center, Showa University, December 10, 2005, Tokyo, Japan

Ethical issues in international collaborative research. Research ethics workshop organized by the Indian Council of Medical Research, Chennai, India, February 6, 2006.

Responsibility to provide care to vaccine trial participants, Workshop organized by the Vaccine Unit, WHO Geneva, Karachi, Pakistan, February 13, 2006

Presentations on research ethics, workshop organized by NIAID, Mumbai, India, February, 2006

Ethical issues in international collaborative research, Boston University, March 2006

Ethics, Health and Globalization. Conference organized by the European Commission, Brussels, May 2006

Presentations on research ethics, workshop organized by NIAID, Delhi, India, June 2006

Ethics and international research. Ellison training program, Fogarty International Center, NIH, July 2006

Ethical issues in research on stored tissue samples. Training program in research ethics, University of Maryland, Baltimore, July 2006

Ethical issues in international collaborative research. Waseda University, Tokyo, July 2006

Ethical issues in international collaborative research, DIA regional meeting, Sao Paulo, Brazil, September 2006

Ethical issues in international collaborative research, Program in Global Health, University of California, San Francisco, September 2006

International research ethics, Tohoku University, Sendai, Japan, December 2006

International research ethics, Tokyo University, Japan, December 2006

Philosophy of Medicine. Presentation, University of the Philippines, Manila, March 2007  
Training needs in research ethics. Conference organized by the European Commission, Brussels, May 2007

Research on children and emergency research. National Institute of Child Health and Development, Tokyo, Japan, December 2007

#### *PRESENTATIONS AT MEETINGS (SELECTED)*

Philosophy and Medicine 2nd Inter-Nordic Philosophy Symposium. Bergen, Norway, 1982.

Theory development in biomedicine Forum for Philosophy of Science, University of Bergen, Bergen, Norway, November, 1982.

Ethical Issues in Clinical Psychiatric Research. Department of Psychiatry, University of Bergen, Bergen, Norway, 1983.

Choice of Therapy Based on Clinical Trials - Some Problems Department of Surgery, University of Bergen, Bergen, Norway, 1983.

Theory development in cardiology Forum for Philosophy of Science. University of Bergen, Bergen, Norway, October 1985.

Empirical evidence and confirmation of theories - an analysis of the 'border zone controversy International Institute for Theoretical Cardiology, Bad Orb, Federal Republic of Germany, June 20-21, 1986.

The angina pectoris controversy during the 1920s - why was the coronary theory accepted?

The annual meeting of the American Association of the History of Medicine, Philadelphia, May 1987

Epistemology and the heart beat - some foundational problems in electrocardiology  
The second annual symposium of the International Institute for Theoretical Cardiology, Stanford, CA, November 21, 1987

Theory change in cardiovascular research Department of Philosophy, University of Minnesota, Minneapolis, October 30, 1987

Dworkin on external preferences The annual meeting of the Eastern Division of the American Philosophical Association, New York, December 27-30, 1987

Presentations on medical ethics, philosophy of science, and history of cardiology. Universities of Oslo and Bergen, Norway, March 1988.

Bowditch revisited - historical review (with Jochen Schaefer) British Society for Cardiovascular Research, Guildford Postgraduate Medical Centre, New Royal Surrey Hospital, England, April 27, 1988.

An examination of the dominant theoretical presuppositions of Norwegian Philosophy of Science 78th Annual Meeting of the Society for the Advancement of Scandinavian Study, Eugene, Oregon, April 29, 1988.

Paradigm shifts in cardiology: A re-examination of Otto Frank's contribution to cardiac mechanics (with Jochen Schaefer).

9th International Conference of the Cardiovascular System Dynamics Society, Halifax, Nova Scotia, November 8-10, 1988.

The rise of the new cardiology in Britain in the 1920s - Inadequacies in the social constructivists' account 8th Inter-Nordic Philosophical Symposium, Oslo May 18-20, 1989

Das Fortschrittproblem in der Medizin IV Annual Symposium of the International Institute for Theoretical Cardiology, Bad Orb, FRG, September 22-23, 1989

Methodological and conceptual issues in health care system comparisons: Canada, Norway, and the United States VIth Conference of the ESPMH, Budapest, August 1992

Attitudes of Norwegian primary care physicians towards ethical issues raised by AIDS VIII International Conference on AIDS, Amsterdam, July 1992

Ethical issues in human subjects research Conference on "Ethical considerations for publishing clinical research in international journals" Moskva, Russia, April 7 - 8, 1994 (Co- organizer of the conference).

What to do when a clinical trial is controversial Presented at the III. World Congress of Bioethics, San Francisco, November 1996

Consensus conferences as political instruments. Biannual Conference of the Philosophy of Science Association, Kansas City, USA, 1998

Project meeting, Ethical issues in evidence based medicine. Bergen, Norway. Presentation on "Conflict between ethical principles of research and demands of evidence based medicine" May 27-28, 2002

American Association of Bioethics meeting, Baltimore, MD. Obligations to trial participants in international collaborative research October 24, 2002.

International Association of Bioethics Biannual meeting, Brasilia, Brazil. Presentations Equity and health sector reform in Sri Lanka and Thailand October 31-Nov 2, 2002.

Ethics and health sector reform. Biannual Meeting of the International Association of Bioethics, Beijing, China, August 2006

Ethics and Collaborative Research, Meeting of the Indian Bioethics Association, Bangalore, India, December 2007

Ethics East and West. International Association of Bioethics Biannual meeting, Singapore, August 2010

*PRESENTATIONS AT RESEARCH ETHICS TRAINING COURSES ORGANIZED BY THE DEPARTMENT OF BIOETHICS, NIH*

Organized training workshop in research ethics, Addis Ababa, Ethiopia. Armauer Hansen Research Institute. Various presentations on international research ethics January 19-21, 2002

International course in research ethics, Accra, Ghana. Various presentations on research ethics March 20-22, 2002.

International course in research ethics, Kampala, Uganda. Various presentations on research ethics March 25-27, 2002

International course on research ethics, Bangkok, Thailand. Various presentations on research ethics July 29-August 2, 2002

International course in research ethics. Institute for Tropical Medicine, Nagasaki, Japan. Various presentations September 2-6, 2002.

International Research Ethics. Presentation in Department course on research ethics, Bethesda, MD December 11, 2002

Bamako, Mali. International course on research ethics. Various presentations January 20-21, 2003.

International course in research ethics. Kampala, Uganda, Various presentations. March 19-21, 2003.

International course on research ethics, Institute for Tropical Medicine, Nagasaki University, Japan, various presentations July 31-Aug 2, 2003

International research ethics. NIH course on research ethics, December 2003

Presentations course in research ethics, Cairo, Egypt, March 2004

Presentations in International Training Workshop in Research Ethics, Sao Paulo, Brazil, June 2004

Presentations at course in research ethics, Nagasaki, Japan, July 2004

Presentations at course in research ethics, Thammasat University, September 2004

Presentations at International Course in Research Ethics, Durban, South Africa, February 2005

Ethical issues in international collaborative research, NIH training course in research ethics, Bethesda, November 17, 2005

Presentations in research ethics, NIH training course, Jakarta, Indonesia, November 2005

Presentations on clinical ethics and research ethics, workshop organized by NIH, Lima, Peru and Cuzco, Peru, March 2006

Presentations on research ethics, Nagasaki University, July 2006

Presentations on research ethics conference in Jerusalem, Israel, December 2006

Presentations on research ethics in Kathmandu, Nepal, June 2007

Training course in research ethics, Beijing, China, June 2007

Presentations on research ethics, Nagasaki, Japan, July 2007

Presentations on research ethics Thammasat University Bangkok, August 2007

Presentations on research ethics, Tokyo, Japan, June 2008

Presentations on research ethics, Hanoi, Vietnam, June 2008

Presentations on research ethics Nagasaki, Japan July 2008

Presentations on research ethics Beijing, China, November 2008

Presentations on research ethics Manila, Philippines, HoChiMinh City Vietnam and Singapore, April 2009