

CURRICULUM VITAE

RONALD MUNSON, Ph.D.

**Professor of the Philosophy of Science
and Medicine
University of Missouri-St. Louis**

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Education:

Ph.D., Philosophy (Philosophy of Science), Columbia University, 1967

Post-Doctoral Fellow, Dept. of Biology, Harvard University, 1972-1974

Visiting Fellow, Department of Psychiatry, Harvard Medical School,
1979- 1980

B.A., Philosophy, Southern Methodist University, 1961

Current Academic Positions:

Professor of the Philosophy of Science and Medicine, University of
Missouri-St. Louis 1977- present.

Past Academic Positions

Visiting Professor, Department of Ob/Gyn, Johns Hopkins School of
Medicine, 1998-2002.

Visiting Professor, Department of Psychiatry, Harvard Medical School,
1979-1980

Visiting Professor, University of California, San Diego, 1980-1981
Preceptor, Columbia College, Columbia University 1964-67

AREAS OF CONCENTRATION:

Bioethics
 Philosophy of Medicine
 Philosophy of the Biological Sciences
 Philosophy of Science

PUBLICATIONS:

Books

1. **The Woman Who Decided to Die: Challenges and Choices at the Edges of Medicine.** Oxford University Press, New York, 2009.

2. **Raising the Dead: Organ Transplants, Ethics, and Society.** Oxford University Press, New York, 2002. (Named in the category "Best Science, Medicine, and Technology Books of the Year" by Library Journal.)

Published in paperback, Oxford University Press, 2004

3. **Elements of Reasoning**, 5th edition, Wadsworth Publishing Company: Belmont, CA, 2007. With Andrew Black.

Fourth Edition, 2004

Third Edition, 2000

Second Edition, 1997

First Edition, 1990 (with David Conway)

4. **Intervention and Reflection: Basic Issues in Medical Ethics**, Eighth Edition, Wadsworth Publishing Company: Belmont, CA, 2008

Seventh Edition, 2004; Sixth Edition, 2000;

Fifth Edition, 1996; Fourth Edition, 1992;

Third Edition, 1988; Second Edition 1983;

First Edition, 1979;

Korean translation by N.G. Park, M.D., Dankook Medical College Press, 2001. Second edition, 2008.

5. **Outcome Uncertain: Cases and Contexts in Bioethics**, Wadsworth Publishing Company, Belmont, CA, 2003.

6. **Basics of Reasoning**, Wadsworth Publishing Company: Belmont, CA, 2001.

7. **Night Vision** (novel), New York: Dutton, 1995.

Signet Books, New York, 1995 (paperback);

British Edition, London, Viking, 1995
 German translation, Frankfurt: Eichborn Verlag, 1996
 (hardcover and paperback);
 Dutch translation, Amsterdam: Toren Boken, 1997;
 Japanese translation, Tokyo: Tuttle-Mori, 1997.

8. **Fan Mail** (novel), Dutton, New York, 1993.

Onyx Books, New York, 1993 (paperback);
 German translation, Frankfurt: Eichborn Verlag, 1994
 (hardcover and paperback);
 German reprint, 2001;
 French translation, Paris: Editions Revages, 1995; 1995);
 Japanese translation, Tokyo: Tuttle-Mori, 1995;
 Italian translation, Milano:, Mondadori, 1995.

Four film options.

Starred review Publisher's Weekly;
 Book of the Month Club Alternate Selection;
 Literary Guild Selection.

Five radio plays based on the German translation:
 Baden-Baden, Germany: Sudwestfunk, 1994,1997,1998.
 Zurich, Switzerland, Liepman, 1995, 1997.

9. **Nothing Human** (novel), Simon and Schuster/Pocket Books
 New York, 1991 (hardcover and paperback);

British edition, London: Simon and Schuster, G.B., 1991;
 Swedish translation, Malmo: Richters Forlog, 1992;
 Hungarian translation, Budapest: Charta, 1992;

Film option.

Alternate Selection Literary Guild;
 Detective Fiction Book Club;
 Doubleday Book Club.

10. **Reasoning in Medicine: An Introduction to Clinical Inference** (with
 Daniel A. Albert, M.D. and Michael Resnick, Ph.D.), Baltimore:
 Johns Hopkins University Press, 1990. (Medical Data; Diagnosis;
 Medical Reasoning; Concept of Disease; Bayesian Decision Making;
 Management Decisions.) "Recommended," New England Journal of
 Medicine, 1991.

11. **The Way of Words**, Houghton-Mifflin, Co., Boston, 1976, 448 pages.

12. **Man and Nature: Philosophical Issues in Biology**, Dell Publishing
 Company(Delta Books), New York,1971), 444 pages.

(Part I: The Philosophy of Biology, i-xxxii;
 Part II: Methodological Issues in Biology, 1-17;
 Part III: Philosophical Issues in Evolutionary Theory, 119-137;
 Part IV: Beyond Biology: Evolution and Ethics, 301-318.)

Books In Progress

The Man With the Mechanical Heart: Power and Conflicts in Extreme Medicine. Under review by Oxford University Press.

Lazarus Unbound: The Rise of Organ Transplantation (Long-term project.)

ARTICLES AND BOOK CHAPTERS:

1. "Collaboration With China in the Field of Organ Transplantation" (with Adrew Leitner, Ira J. Kodner, and David C. Cronin), Surgery, 144 (2008) 725-728.
2. "Issues in Surgical Ethics: Medical Treatment of a Jehovah's Witnesses" (with May Hua, et al.), American Journal of Surgery, web portal, 6 pp, posted January 28, 2008.
3. "Foundations of Bioethics for Surgeons," American Journal of Surgery, web portal, 52 pp, posted March 29, 2008.
4. "Organ Transplantation" in Bonnie Steinbeck, Oxford Handbook of Bioethics (Oxford: Oxford University Press, 2007) 211-240.
5. "Geneticise Me! Direct-to-Consumer Genetic Testing" in Robert Kolb, Ethics of Genetic Commerce (Oxford: Blackwell Publishing, 2007) 55-69.
6. "Responsible Conduct of Research," in Daniel P. Schuster and William J. Powers Translational and Experimental Clinical Research, Lippincott Williams & Wilkins, 2005, pp. 163-175. With Philip A. Ludbrook, M.D.
7. "Wrongfulness of Euthanasia" in Jeffrey Olen, Applying Ethics, 8th edition, Wadsworth Publishing Company, 2004, pp. 237-245.
8. "Defining Death." Essay/review of Stuart M. Youngner, et al. The Definition of Death, Philosophy Politics and the Life Sciences, Fall 2002.
9. "Is Lupus a Syndrome or a Disease?" Journal of Clinical Rheumatology, 6 (December, 2000), 318-320. With Daniel A. Albert, M.D.

10. "Artificial Insemination: Who's Responsible?" in Patrick D. Hopkins, ed., Sex/Machine: A Reader in Technology, Gender, and Culture, Indiana University Press, 2000, pp. 107-116.
11. "Partial-Birth Abortion: Let's Be Reasonable," in Intervention and Reflection: Basic Issues in Medical Ethics, Sixth Edition, Wadsworth Publishing Company: Belmont, CA, 2000, pp. 122-126. Published as by "Joan Carpenter."
12. "AIDS Exceptionalism is no Longer Justifiable," in Intervention and Reflection: Basic Issues in Medical Ethics, Sixth Edition, Wadsworth Publishing Company: Belmont, CA, 2000, pp. 362-367. Published as by "Eric Slater."
13. "Controlling AIDS/HIV Forever: Guidelines for Using Protease Inhibitors," in Intervention and Reflection: Basic Issues in Medical Ethics, Sixth Edition, Wadsworth Publishing Company: Belmont, CA, 2000, pp. 367-370. Published as by "Daniel Saturn."
14. "Ethical Issues in the Use of Zidovudine to Reduce Vertical Transmission of HIV," with Christopher A. Hoffman. The New England Journal of Medicine, 332, (March 30,1995), 891-892.
15. "Testing Normative Naturalism: The Problem of Scientific Medicine," British Journal for the Philosophy of Science 1994, 571-584.
16. "Germ-Line Therapy and the Medical Imperative," (with Lawrence Davis) Kennedy Institute of Ethics Journal, 1992 (vol. 2), 137-158.
17. "The Human Limits of Science," Philosophic Exchange, 1986 (No. 17), pp. 42-57.
18. "Paying a Murderer for Evidence," Criminal Justice Ethics, vol. 2 (Summer/Fall 1983), pp. 49-53.
19. "The 'Wrongfulness' of Euthanasia?" (under the pseudonym J. Gay-Williams), in Intervention and Reflection, 6th ed., Belmont, CA: Wadsworth, 1996, pp. 156-159). (Since its initial appearance in 1980, this article has been anthologized thirty times.)
20. "Artificial Insemination and Donor Responsibility," in Intervention and Responsibility, 4th ed., Belmont, CA, Wadsworth Publishing Co., 1992, pp. 510-516.
21. "Mechanism, Vitalism, Reductionism and Organismic Biology," Enciclopedia del Novecento, Rome, 1981, 1230-1245.
22. "Is Biology a Provincial Science?" Philosophy of Science, vol. 42 (December, 1975), 428-447.

23. "Communiversality," in Public Need and Private Right in Higher Education (ed. F. C. Gamelin and M. L. Warford), St. Louis: Higher Education Coordinating Council, 1974, pp. 35-42.
24. "Philosophy of Biology," Studies in the History and Philosophy of Science, vol. 5 (1974).
25. "Philosophy of Biology," Encyclopedia Britannica III, vol. 12 (1974), 865-876; updated in Britannica On-Line, 2000.
26. "The Literature of Possibility," Extrapolation (Modern Language Association), vol. 15 (December, 1973) 35-41.
27. "The Clockwork Future: Dystopia, Freedom and Social Planning," in Environmental Challenges (ed. Sylvan J. Kaplan and Evelyn Rosenburgh), Charles Thomas and Co., 1973, pp. 26-38.
28. "Toward an Understanding of the Humanities" (with Clive Veri), Education (Spring, 1972), pp. 345-348, pp. 367-369.
29. "Biological Adaptation: Another Look," Philosophy of Science, vol. 39 (December, 1972), 529-532.
30. "Biological Adaptation," Philosophy of Science, vol. 38 (January, 1971), 200-215. (Reprinted in M. Grene and E. Mendelsohn. ed., Topics in the Philosophy of Biology, Reidel, 1976, 330-350.)
31. "Biological Species," Philosophy of Science, vol. 37 (March, 1970), 121-124.

GRANTS AND AWARDS:

Woodrow Wilson Fellowship (Columbia University), 1961-62
 Faculty Fellowship (Columbia University), 1962-63
 President's Fellowship (Columbia University), 1963-64
 Assistant Professor Research Grant (University of Missouri-St. Louis),
 Summer, 1969
 National Endowment for the Humanities, Younger Humanist Fellowship, 1971-73
 National Science Foundation Workshop Grant (Logic of Problem Solving), 1975
 National Science Foundation Workshop Grant (Biological Theories), 1977
 University of Missouri Summer Fellowship, 1977
 Weldon Spring Fund (Epistemology), 1982 (Spring Semester)
 Missouri Committee for the Humanities (Medical Ethics), 1984
 Faculty Research Fellowship, 1986 (Fall Semester)
 National Endowment for the Humanities Summer Seminar (Metaepistemology), 1989
 University of Missouri Research Grant (Ethical Issues in Germ-Line Gene
 Therapy), Fall, 1990
 Small Grants Competitions, 1998
 University of Missouri Faculty Research Grant (Conceptual Matrix of
 Medicine), Fall, 1994

University of Missouri Research Board Grant (Ethical and Social Issues in Organ Transplantation), 1997-1998

PROFESSIONAL TALKS (RECENT)

"Why Clinical Trials are Necessary: The Lesson of Bone Marrow Transplants and Late-Stage Breast Cancer," University of Missouri-St. Louis College of Nursing, Graduate Program, January 31, 2008.

"The Debakey Case: Should the Surgeons Have Said No? Were the Anesthesiologists Right to Refuse to Participate?" Surgical Grand Rounds, Washington, University School of Medicine, March 2007.

"Autonomy in Clinical Medicine: The Dax Cowart Case," Clinical Symposium, Washington University School of Medicine, October 2006.

"Paying for Transplants," Department of Surgery, University of Texas Southwestern Medical School, June 2006.

"Research Ethics in Organ Transplantation," National Human Subjects Protection Conference 2004. Sponsored by Office for Human Research Protections, U.S. Food and Drug Administration; Washington, D.C., April 19-20, 2004.

"Research Ethics," Humanities in Medicine Seminar, Washington University School of Medicine, February 12, 2004.

"Research Ethics Forum on Organ Transplantation Ethics," Washington University School of Medicine, August, 2004.

"Research Ethics," Humanities in Medicine Seminar, Washington University School of Medicine, February 5, 2003.

"The Dax Cowart Case," Rupert B. Turnbull Memorial Lectureship and Nursing Seminar, held at Washington University School of Medicine, November 8, 2002.

"Embryonic Stem Cells and Ethics," St. Louis Academy of Science, Science Center, November 12, 2002.

"Clinical Trials and Tribulations," Grand Rounds, Children's Hospital, Department of Pediatrics, Washington University School of Medicine, September 15, 2002.

"Consenting to Innovative Therapies," St. Louis University Medical School-Washington University Medical School Town Meeting, Washington University School of Medicine, June 7, 2001.

"Hoping for the Best, Expecting the Worst: Xenotransplantation," Science and Society Series, Washington University School of Medicine, January 25,

2001.

"Anencephalic Infants and the Dead Donor Rule," Association for Politics, and the Life Sciences Annual Meeting, Boston, September 5, 1999.

"Ethical and Social Questions to Consider in Establishing a Protocol for Stored DNA Samples," National Institutes of Health, Ocular Hypertension Study Group, 25 April 1999. (Presentation to Data Safety and Monitoring Committee as Medical Ethicist)

"Communication, Organ Transplantation, and the Swamping Problem," American Public Health Association Annual Meeting, November 19, 1998. (Refereed.)

"Ethical and Social Issues in Genetic Testing for Breast Cancer Genes," Johns Hopkins School of Medicine, Residency Training Program, March 2, 1998.

"Moral and Social Issues in Organ Transplantation," Transplantation 1997: Update on Solid Organ Transplantation, Washington University School of Medicine, Transplant Unit, September 26-27, 1997.

"AIDS and the Art of Jeff Colby," Gallery 210 Opening, March 20, 1997. University of Chicago Medical School, Program in Medical Ethics, "Gene Therapy and Medicine's Therapeutic Imperative," October 1997.

"Science Fictions," Engleman Institute for Science and Technology, 1997.

"Brain Death," Washington University Medical School, Department of Neurology, 1997.

"The Case for Germ-Line Gene Therapy," Tufts University, Fletcher School of Diplomacy, Department of Urban Policy, March 4-6, 1997.

"HIN-Testing and Pregnancy," Midwest Decision-Sciences Conference," May 4, 1996.

"The Imperatives of Medicine," March, University of Oklahoma Medical School, March 12, 1996.

"The Matrix of Medicine," University of Oklahoma (Norman), Philosophy Department, March 12, 1996.

"Why Medicine is Different," Oklahoma State University, Philosophy Department, March 12, 1996.

"Is Scientific Medicine the Same as Medical Science?" Iowa State University School of Veterinary Medicine, November, 20 1995.

PROFESSIONAL APPOINTMENTS

American Journal of Surgery, Associate Editor (Ethics), 2007

National Cancer Institute/Clinical Trials Division, consultant (ethics),
2006-

St. Louis Science Center Ethics Advisory Panel, November 2006-

Ethics Advisory Panel for Living Bodies Exhibition, 2005-2006

Washington University Human Subjects Committee (IRB), Ethicist, 2004-

The Consortium for St. Louis Center for Applied Ethics, founding member,
January 2007-

National Institutional Research Board, invited member, 2005-2006

Veterans Administration Multi-Center, National Study of TNF Treatment of
Human CV Virus, Medical Ethicist and member of Data Safety and Monitoring
Board, 2004-

National Institutes of Health-National Eye Institute, Ocular
Hypertension Treatment Study (Study Chairman, Michael A. Kass, M.D.,
Washington University School of Medicine, Department of Ophthalmology and
Visual Sciences), Medical Ethicist, 1997-

Task Force on "Minimal Risk" in Clinical Trials, Washington University
School of Medicine, 2002-2003.

Human Studies Committee (National Institutes of Health mandated
institutional Review Board), Washington University School of Medicine, 2000-

University of Missouri, Human Subjects Committee, 1993-1995

Monsanto Recombinant-DNA Advisory Committee, 1985-1994

Professional Organizations

American Public Health Association
United Network for Organ Sharing
American Bioethics Association
Association for Politics and the Life Sciences
Philosophy of Science Association

COURSES TAUGHT

Medicine, Values, and Society (Honors College)
 Philosophy of Science
 Philosophy of Biology
 Philosophical Issues in Psychiatry
 Organ Transplantation: Ethical and Social Issues (HC)
 The Matrix of Medicine: Basic Concepts in Medicine (HC)
 Bioethics

Recent Grant Activity

Co-Principal Investigator with Beth Y. Karlan, M.D. University of California, Los Angeles, David Geffen School of Medicine, "Hereditary Cancer Susceptibility and Biomarker Diversity Project," application to Department of Defense; request, \$8 million, 2008 (pending).

Ronald Munson has acted as a source on biomedical ethics and been quoted in (among others) the New York Times, Scientific American, Washington-Post, U.S News and World Report, St. Louis Post-Dispatch, Science Digest, Smithsonian Magazine. He has appeared on ABC Evening News, ABC Morning News, Today Show, Fox News Network, Brian Williams and the News, NBC National Radio, NYC Radio, National Public Radio, and BBC Radio.

Interviews and reviews of his novels have appeared in People, Los Angeles Times, St. Louis Post-Dispatch, and the Miami Herald, as well as on CNN, Unsolved Mysteries, and Aspecta (German National Television.)