

CARL MITCHAM

Liberal Arts and International Studies / Stratton Hall 301

Colorado School of Mines / Golden, CO 80401

Telephone: +303 273-3648 / Fax: +303 273-3751

Email: cmitcham@mines.edu

DEGREES

B.A. 1966 (Summa cum laude in General Studies, Magna cum laude in Philosophy),
University of Colorado, Boulder

M.A. 1969 (Philosophy), University of Colorado, Boulder

Ph.D. 1988 (Philosophy), Fordham University

TEACHING AND RESEARCH FIELDS

Ethics of technology, science, and medicine; Philosophy of science and technology;
Science, technology, and society studies.

PROFESSIONAL APPOINTMENTS

1970-1972 Berea College (Kentucky): Instructor in Philosophy

1972-1982 St. Catharine College (Kentucky): Lecturer in Philosophy and Social Science

1982-1990 Brooklyn Polytechnic University: Associate then Professor of Humanities

1989-1999 Pennsylvania State University: Associate then Professor of Philosophy and of
Science, Technology, and Society

1999-present Colorado School of Mines: Professor of Liberal Arts and International Studies

HONORS AND SUPPLEMENTAL PROFESSIONAL ACTIVITIES

Abbot Payson Usher Prize (1974) from the Society for the History of Technology.

Research in Philosophy and Technology: Review and Bibliography Editor, 1978-1994;
Editor, 1994-2002.

Columbia University Seminar on the History and Philosophy of Science, 1982-1987.

Committee on Scientific Freedom and Responsibility, American Association for the
Advancement of Science, 1994-2000.

Distinguished Faculty Award from the Polytechnic University Student Council, 1985; Penn
State Award for Interdisciplinary Teaching, Spring 1998.

Editorial Boards: *Technology in Society*, 1985-present; *Philosophy and Technology*, 1986-
1996; *Ometeca*, 1988-present; *Ellul Studies Forum*, 1989-present; *Journal of Social and
Evolutionary Systems*, 1990-1998; *Design Issues*, 1993-present; *Ethics and Information
Technology*, 1998-present; *Science and Engineering Ethics*, 2003-present, *Design
Philosophy Papers*, 2004-present.

Grants from National Endowment for the Humanities, National Science Foundation,
Kentucky Humanities Council, American Council of Learned Societies, Goethe House New
York, Exxon Education Foundation, J.M. Foundation, MacArthur Foundation, New York
Council on the Humanities, IBM Corporation.

SELECTED BOOK PUBLICATIONS

Philosophy and Technology: Readings in the Philosophical Problems of Technology. New
York: Free Press, 1972. Pp. ix, 399. (Co-edited with Robert Mackey.) Paperback reprint,
with updated Select Bibliography, New York: Free Press, 1983. Pp. xii, 403.

Bibliography of the Philosophy of Technology. Chicago:University of Chicago Press, 1973. Pp. xvii, 205. (With Robert Mackey.) Reprint with index, Ann Arbor, MI:Books on Demand, 1985.

Theology and Technology: Essays in Christian Analysis and Exegesis. Lanham, MD: University Press of America, 1984. Pp. ix, 523. (Co-edited with Jim Grote.)

Philosophy and Technology II: Information Technology and Computers in Theory and Practice. Boston: D. Reidel, 1986. Pp. xxii, 352. (Co-edited with Alois Huning.)

¿Qué es la filosofía de la tecnología? Barcelona: Anthropos, 1989. Pp. 214. Russian version: *Chto takoe filosofiia tekhniki?* (Moscow: Aspekt Press, 1995). Chinese version, with a special introduction: *Jishu zhexue gailun* (Tianjin, China: Tianjin Science and Technology Publishing House, 1999).

Ethical Issues Associated with Scientific and Technological Research for the Military. Proceedings from a January 26-28, 1989, conference. *Annals of the New York Academy of Sciences*, vol. 577 (December 29, 1989). Pp. xvi, 277. (Co-edited with Philip Siekevitz.)

Philosophy of Technology in Spanish Speaking Countries. *Philosophy and Technology*, vol. 10. Boston: Kluwer, 1993. Pp. xxxvi, 318.

Thinking through Technology: The Path between Engineering and Philosophy. Chicago: University of Chicago Press, 1994. Pp. xi, 397.

Thinking Ethics in Technology: Hennebach Lectures and Papers, 1995-1996. Golden, CO: Colorado School of Mines, 1997. Pp. viii, 174.

Engineer's Toolkit: Engineering Ethics. Upper Saddle River, NJ: Prentice Hall, 2000. Pp. x, 131. (With R. Shannon Duval.)

Visions of STS: Counterpoints in Science, Technology, and Society Studies. Albany, NY: State University of New York Press, 2001. Pp. vi, 170. (Co-edited with Stephen H. Cutcliffe.)

La ética en la profesión de ingeniero: Ingeniería y ciudadanía. Santiago, Chile: Universidad de Chile, 2001. Pp. 161. (With Marcos García de la Huerta.)

The Challenges of Ivan Illich: A Collective Reflection. Albany, NY: State University of New York Press, 2002. Pp. viii, 256. (Co-edited with Lee Hoinacki.)

Encyclopedia of Science, Technology, and Ethics. 4 vols. Detroit: Macmillan Reference, 2005. Pp.cxiv, 2378. (Editor-in-chief.)

Technology and Religion: Oppositions, Sympathies, Transformations. Westport, CT: Greenwood Press, forthcoming.

Science, Technology, and Ethics: An Introduction. Cambridge, UK: Cambridge University Press, forthcoming.