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Born, Louisville, KY 7/6/33

Education:

- Ph.D. (philosophy of science), 1966, Aquinas Institute;
- M.A. (philosophy), 1962, Catholic University of America;
- S.T.L.(Roman Catholic theology), 1961, Dominican Pontifical Faculty, Washington, D.C.;
- B.A. (philosophy), 1957, Providence College

Previous Teaching:

- Lincoln University, PA, 1968-69;
- St. Stephen's College, MA, 1962-64 and 1966-68

Major Publications:

Books:

Logic and Scientific Inquiry (Milwaukee: Bruce, 1968)

Philosophy of Science: An Introduction (New York: McGraw-Hill, 1968)

Human Intelligence, vol. 12 of new translation of St. Thomas Aquinas, *Summa theologiae* (New York: McGraw-Hill, 1968)

Dictionary of Concepts in Philosophy of Science (Westport, Conn.: Greenwood Press, 1988)

Social Responsibility in Science, Technology, and Medicine (Bethlehem, PA: Lehigh University Press, 1992)

Edited volumes:

Research in Philosophy & Technology, vols. 1-8 and supplement (Greenwich, CT: JAI Press, 1978-1985)

A Guide to the Culture of Science, Technology, and Medicine (New York: Free Press, 1980; paperback ed., 1984)

(Co-edited with Friedrich Rapp) *Technikphilosophie in der Diskussion* (Wiesbaden: Vieweg, 1982)

(Co-edited with Friedrich Rapp) *Philosophy & Technology* (Boston Studies in the Philosophy of Science, vol. 80; Philosophy and Technology Series, vol.1: Dordrecht: D. Reidel, 1983)

Technology and Responsibility (Philosophy and Technology, vol. 3; Dordrecht: D. Reidel, 1987)

Technology and Contemporary Life (P&T, vol. 4; Dordrecht: Reidel, 1988)

The Best in the Literature of Science, Technology, and Medicine (Reader's Adviser, 13th ed., vol. 5; Bowker, 1988)

Philosophy of Technology: Practical, Historical and Other Dimensions (P&T, vol. 6; Dordrecht: Kluwer, 1989)

Broad and Narrow Interpretations of Philosophy of Technology (P&T, vol. 7; Dordrecht: Kluwer, 1990)

Critical Perspectives on Nonacademic Science and Engineering (Bethlehem, PA: Lehigh University Press, 1991)

Europe, America, and Technology: Philosophical Perspectives (P&T, vol. 8; Dordrecht: Kluwer, 1991)

(Co-edited with Jorge Martinez Contreras and Raul Gutierrez Lombardo) *Tecnologia, Desarrollo Economico y Sustentabilidad* (special number of *Ludus Vitalis*, Mexico City, 1997)

Society for Philosophy and Technology Quarterly Electronic Journal,
<http://scholar.lib.vt.edu/ejournals/SPT/spt.html> (Or through spt.org, under "journal")

Published with Durbin as editor: vols. 1 (1995-6), 2 (1996-7), 3 (1997-8), and 4 (1998-9). Vol. 4 also appeared as *Advances in the Philosophy of Technology: Proceedings of a Meeting of the International Academy of the Philosophy of Science, Karlsruhe, Germany, 1999*, edited by Evandro Agazzi and Hans Lenk (Newark, DE: Society for Philosophy and Technology, 1999).

Edited journal numbers:

Techne: 5:1 (Fall 2000): special number on the philosophy of technology of Joseph Pitt; see <http://spt.org/journal>; includes Guest Editor's Introduction, pp. 1-6.

Techne: 7:1 (Spring 2003): special author/critics number on Larry Hickman's *Philosophical Tools for Technological Culture*; see <http://spt.org>, under "journal."

Web books:

2000. "Activist Philosophy of Technology: Essays 1989-1999." See www.udel.edu/Philosophy/sites/pd/

2006. "Small Steps to Save the Rainforest: A Plea for Experiential Learning." See the same website.

2006. "Introducing Philosophy Pragmatist Style: An Essay." See the same website.

2007. "Philosophy of Technology: In Search of Discourse Synthesis." *Techne* 10:2; see spt.org, under journal

Articles (selected titles since 1990):

"Multiple Facets of Philosophy and Engineering." In D. Goldberg and I. van de Poel, eds., *Engineering Meets Philosophy*. London: Springer, 2010.

"Philosophy, Activism, and Computer and Information Specialists Revisited." In Arun Tripathi, ed., *Ethics and Aesthetics of Technologies*; special number guest-edited by Arun Tripathi (general editor is Karamjit Singh Gill), of *AI & Society Journal*; appeared online March 2010.

“SPT and Social Progress” *Techne* 14:1 (Winter 2010): 16-22.

“Toward a Philosophy of Biotechnology.” *Ludus Vitalis* XVIII:33 [2010]

“Crisis in Higher Education?” *International Journal of Computing & Information Technology* (IJCIT) vol. 2, number1 [Jan-Jun 2010].

“Precision & Imagination.” (*Ludus Vitalis* XVII, no. 31 Forum 3, October 2009: 219-22).

“Humanitarian Motives for Sustainable Developments in a Global Economy.” *Problemy Ekorozwoju/Problems of Sustainable Development*.

“Comment on Queraltó's Ethics.” *Ludus Vitalis* XVII, no. 32 (2009): 423-30.

2009: "Sustainability Activism, the Center for Energy and Environmental Policy, and Experiential Learning." *Problemy Ekorozwoju/Problems of Sustainable Development* 4:1: 15-32.

2008: "How to Make Our Future World a Better World." *Ludus Vitalis (Forum)*, vol. XVI, no. 29, pp. 169-172.

"Engineering Professional Ethics in a Broader Dimension." *International Science Reviews* 33:3 (2008): 225-235

2007: "Is There a Best Ethic of Sustainable Development? [updated for] *Problemy Ekorozwoju/Problems of Sustainable Development* 3:2]

"Multiple Facets of Philosophy and Engineering," in David Goldberg and Ibo van de Poel, eds., *Abstracts of the Workshop, Philosophy & Engineering*, Delft University of Technology, October 29-31, 2007. Pp. 47-49.

"Philosophy, Activism, and Computer and Information Specialists," *ACM Ubiquity*, volume 8, issue 45 (November 13, 2007 - November 19, 2007). Unnumbered pages, online journal.

2007: "5 Paul Durbin," in J-K Berg Olsen and E Selingers, eds., *Philosophy of Technology: 5 Questions*. Automatic Press. Pp. 45-54.

"There is an implicit social contract between professionals and the democratic societies in which they live." *Ludus Vitalis* XV:27, pp. 195-197.

2005: "Ethics and New Technologies." In F. Adams, ed., *Ethical Issues for the Twenty-First Century*. Charlottesville, VA: Philosophy Documentation Center. Pp. 37-56.

"Frederick Ferre and Pragmatist Activism." In G. Allan and M. Allshouse, eds., *Nature, Truth, and Value: Exploring the Thinking of Frederick Ferre* (Lanham, MD: Lexington Books), pp. 287-296.

2004: "The Alleged Error of Social Epistemology." In Evandro Agazzi, *Right, Wrong and Science: The Ethical Dimensions of the Techno-Scientific Enterprise*, ed. C. Dilworth (Amsterdam and New York: Rodopi), pp. 267-278.

"Review [Essay]: *Philosophical Tools for Technological Culture* (2001), by Larry Hickman; and *American Philosophy of Technology: The Empirical Turn* (2001), ed. Hans Achterhuis; in *Metaphilosophy* 35:4 (July): 583-592.

2003: "Conocimiento tecnico y discurso publico." *Revista Iberoamericana de Ciencia, Tecnologia y Sociedad*, 1:1: 153-165.

"Activist Philosophy of Technology and the Preservation of Biodiversity." *Techne: Research in Philosophy and Technology*, 6:3 (Spring): 36-45.

2002: "Can Corcovado National Park in Costa Rica Be Saved? How to Apply the Principles of the Earth Charter," in P. Miller and L. Westra, eds., *Just Ecological Integrity* (Lanham, MD: Rowman & Littlefield), pp. 303-310.

2001: "Filosofia de la tecnologia en el continente americano en los ultimos veinticinco anos," in J. Lopez Cerezo et al, eds., *Filosofia de la tecnologia* (Madrid: Organizacion de Estados Iberoamericanos para la Educacion, la Ciencia y la Cultura), pp. 97-106.

"Encyclopedias and the Integration of Knowledge," in R. McInnis, ed., *Discourse Synthesis: Studies in Historical and Contemporary Social Epistemology*. (Westport, CT: Praeger), pp. 347-359.

"Advances in Philosophy of Technology? Comparative Perspectives," in H. Lenk and M. Maring, eds., *Advances and Problems in the Philosophy of Technology* (Munster: Lit Verlag), pp. 13-30.

2000: "Philosophy of Technology: Retrospective and Prospective Views," in *Technology and the Good Life?*, eds. E. Higgs, A. Light, and D. Strong (Chicago: University of Chicago Press), pp. 38-49.

"SPT at the End of a Quarter Century: What Have We Accomplished?" *Techne: Journal of the Society for Philosophy and Technology*, vol. 5, no. 2 (Winter): 1-12.

1999: "STS Graduate Education and Research," *Bulletin of Science, Technology, and Society*, 19:2(April 1999): 135-139.

1998: "Interdisciplinary Research in STS?" *Science, Technology & Society*, no. 116 (Summer 1998): 1-5.

"Advances in the Philosophy of Technology? Comparative Perspectives," *SPT Quarterly Electronic Journal* 4:1 (Fall 1998): 6-25.

"Philosophy of Technology in the Americas in the Last Twenty-Five Years," *Teorema* 17:3: 87-95.

1997: "Engineering Ethics and Social Responsibility," *Bulletin of Science, Technology, and Society*, 17:2-3: 77-83.

"Activist Philosophy of Technology, STS Programs, and Sustainable Development," in J. Xercavins i Valls, ed., *Sostenible? Tecnologia, Desenvolupament Sostenible i Desequilibris* (Terrassa/Barcelona: Universitat de Catalunya), pp. 566-571.

"Can There Be a Best Ethic of Sustainability?" in J. Martinez Contreras, Raul Gutierrez Lombardo, and P. Durbin, eds., *Tecnologia, Desarrollo Economico y Sustentabilidad* (see edited books above), pp. 257-265.

"In Defense of a Social-Work Philosophy of Technology," in C. Mitcham and L. Waks, eds., *Research in Philosophy and Technology*, vol. 16 (Greenwich, CT: JAI Press, 1997), pp. 3-14.

1996: "La transferencia de la tecnología, una breve historia crítica" in *Para comprender ciencia, tecnología y sociedad*, ed. A. Alonso, I. Ayestarán, and N. Ursúa (Navarre, Spain: EVD Publications), pp. 297-301.

"Encyclopedias and the Integration of Knowledge," *Social Epistemology* 10:1:123-133.

1995: "Pragmatismo y tecnología," *Isegoría: Revista de Filosofía Moral y Política* 12 (October):80-91.

"Technological Praxis: Reflections," in K. Gavroglu et al. eds., *Science, Politics and Social Practice* (Dordrecht: Kluwer Academic Publishers), pp. 99-111.

1994: "Discovering New Worlds," in E. Lugo, H. Huyke, and W. Frey, eds., *Actas de Secundo Congreso Interamericano de Filosofía de la Tecnología* (Mayaguez: University of Puerto Rico), pp. 101-121.

"Ferment in Philosophy of Science Revisited," *The Thomist* 58:4 (October): 655-675.

"Bioethics as Social Problem Solving," in J. Monagle and D. Thomasma, eds., *Health Care Ethics: Critical Issues* (Gaithersburg, Md.: Aspen), pp. 419-427.

"Philosophy of Science, Technology, and Medicine," in C. Mitcham and W. Williams, eds., *Reader's Adviser*, 14th edition, vol. 5 (New York: Bowker), pp. 59-104.

1992: "Discourse Analysis and Interdisciplinarity: The Syracuse Experiment Examined," *Association for Integrative Studies Newsletter* 14:2 (May):1, 5-8.

"Environmental Ethics and Environmental Activism," in F. Ferré, ed., *Research in Philosophy and Technology*, vol. 12 (Greenwich, CT: JAI Press), pp. 107-117.

"Reply to George Allan," in *RPT*, vol. 12, pp. 129-132.

"Culture and Technical Responsibility," in S. Cutcliffe et al., eds., *New Worlds, New Technologies, New Issues* (Bethlehem, PA: Lehigh University Press), pp. 104-116.

"Cultura y responsabilidad tecnica," in J. Sanmartin et al., eds., *Estudios sobre sociedad y tecnologia* (Barcelona: Anthropos), pp. 89-105.

"Marxism and the Democratic Control of Technology," in L. Winner, ed., *Democracy in a Technological Society* (Dordrecht: Kluwer), pp. 81-89.

"Philosophizing as a Public Good: The Many Faces of Philosophical Public Service," in R. Burch and H. Saatkamp, eds., *Frontiers in American Philosophy*, vol. 1 (College Station: Texas A & M University Press), pp. 115-124.

1991: "Ethical Issues in an Age of Pervasive Technology," in H. Wiseman, J. Vanderkop, and J. Nef, eds., *Critical Choices!: Ethics, Science, and Technology* (Toronto: Thompson), pp. 12-19.

(Co-authored with John Engel, Robert Blacklow, and Burton Wellenbach) "Sensitizing Residents to Moral Issues by Case Discussions," *Academic Medicine*, October, p. 588.

"Courseware Needs for Technological Literacy," in *Proceedings: Frontiers in Engineering Education in a New World Order*, ed. L. Grayson, pp. 174-178.

"Defining STS: Can We Reach Consensus?," *Broadening Participation in Science, Technology and Medicine: Proceedings of the Sixth Annual Technology Literacy Conference*, ed. D. Cheek, pp. 60-66.

"Defining STS: Can We Reach Consensus?," *Bulletin of Science, Technology, and Society* 11:4&5:187-190.

1990: "STS y STPP: La educacion de la proxima generacion de profesores e investigadores," in M. Medina and J. Sanmartin, eds., *Ciencia, tecnologia y sociedad: Estudios interdisciplinarios en la universidad, en la educacion y en la gestion publica* (Barcelona: Editorial Anthropos), pp. 85-94.

"Bioengineering, Scientific Activism, and Philosophical Bridges," *Bridges Interdisciplinary Journal of Theology, Philosophy, History, and Science*, vol. 2, number 1/2, Spring/Summer, pp. 27-41.

Reviews in: *Annals of Science*, *Isis*, *New Scholasticism*, *Review of Metaphysics*, *Research in Philosophy and Technology*, *Science*, *Science Books & Films*, *Science, Technology, and Society*, *Social Indicators Research*, *Technology and Culture*, *The Thomist* (among others)

Papers Read/Conferences Attended:

Society for Philosophy and Technology international meetings (Bad Homburg, West Germany; New York; Twente, the Netherlands; Blacksburg; Bordeaux; Mayaguez, Puerto Rico; Hofstra; Puebla, Mexico; Dusseldorf; San Jose, CA; Aberdeen; Park City, UT; Delft); 1st and 2nd Inter-American Conferences on Philosophy of Technology (2 papers, 1 keynote address); American Philosophical Association (regular Society for Philosophy and Technology meetings); Philosophy of Science Association; National Association for Science, Technology, and Society; Humanities and Technology Association; American Catholic Philosophical Association; Popular Culture Association; American Society for Engineering Education; Association of American Colleges; Institute of Electrical and Electronics Engineers; Engineering Ethics National Conferences; New York Academy of Science; Caldwell College; Boston University; Tufts University; Northern Illinois University; RPI; Polytechnic University; Lehigh University; Texas A&M University; Lincoln University; Miami University of Ohio; University of Guelph; University of Valencia; Drexel University; Villa Julie College; University of Barcelona; Polytechnic University of Catalonia; University of Oviedo; University of Salamanca (among others)

Editor: Newsletter of the Society for Philosophy and Technology (1975-85)

Major Grants and Awards:

1976-1979: NEH/NSF, "A Guide to the History, Philosophy, and Sociology of Science, Technology, and Medicine"

1981-1983: NSF/NEH Sustained Development Award

1994: Honorary Lifetime Membership Award, National Association for Science, Technology, and Society

Professional Service:

President, Society for Philosophy and Technology, 1997-1999

Board member, Society for Philosophy & Technology; and National Association for Science, Technology, and Society

Advisory board, Philosophy and Technology Studies Center, Polytechnic University New York (1980-1990)

Editorial Board: Science, Technology & Human Values (until 1998); Research in Technology Studies (Lehigh U. Press); University of Delaware Press (1988-1991)

Member, Institutional Review Board, Christiana Care Health Services

Member, Bioethics Committee, Christiana Care

Member, Ethics Committee, Thomas Jefferson University Hospital (1987-1994)

Member, Medical Society of Delaware Blue Ribbon AIDS Commission (1987-1988)

Member, Human Subjects Review Board, State of Delaware Department of Health and Human Services

Member (and co-chair, 1993), Ethics Committee, Delaware Medical Society

Member, American Philosophical Association Committee on Philosophy and Medicine (1993-1995)