

Dr. John E. Carroll

Curriculum Vita on Research and Professional Activity

Date of Birth: May 19, 1945 Marital Status: Married-two children

Home Address: 54 Canney Road Telephone: (603) 868-2935
Durham, NH 03824

Business Address : Department of Natural Resources Telephone: (603) 862-3940
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Durham, NH 03824 FAX: (603) 862-4976

Education: Ph.D., Michigan State University (Resource Development).
(A.B., M.A., Geography)

Current Position: Professor of Environmental Conservation, University of New Hampshire.

Member of International Affairs Faculty, Religious Studies Faculty, Resource Administration and Management Faculty, Technology, Society and Values Faculty, UNH.

Member, Academic Senate (1995-1996) and Faculty Senate (1996-present)
Member, Senate Committee on Facilities and Campus Planning

Current Focus:

- Religious and spiritual values as applied to ecology and environment.
- Development and teaching of courses (graduate and undergraduate) in Sustainability in Agriculture and Natural Resources; International Environmental Diplomacy and Policy; Natural Resource Policy; Environmental Philosophy; Environmental Values and Ethics; Ecology and Religion; Contemporary Conservation Issues; among others, in service to the Environmental Conservation, Natural Resources, International Affairs, Technology, Society and Values and Religious Studies Programs of the University of New Hampshire, for undergraduate, Masters and Doctoral degree levels and to the Master's in Environmental Studies Program of the Antioch – New England Graduate School.
- International Environmental Relations and Transfrontier Environmental Cooperation and Dispute Resolution/Avoidance (Bilateral and Multilateral). (governmental and non-governmental)
- Sustainable agriculture and natural resource development.
- Canada-U.S. transboundary environmental issues.
- Acid Rain (especially international and socio-political aspects).
- Process, models, etc. in bilateral and multi-lateral environmental relations.
- Environmental/ecological philosophy, values, ethics, ecology and religion.
- Literary and spiritual approaches to environmental conservation.

PUBLISHED BOOKS

Sustainability and Spirituality - c. 225 pages (in press)

Ecology and Religion: Scientists Speak. edited with Keith Warner. (Quincy, Illinois: Franciscan Press, 1998).

The Greening of Faith: God, the Environment and the Good Life, edited with Paul Brockelman and Mary Westfall, (Hanover: University Press of New England, 1996). (228pp.)

Embracing Earth: Catholic Approaches to Ecology, ed. with Albert LaChance (New York: Orbis Books, 1994). (280 pp)

International Environmental Diplomacy (Ed.) (Cambridge University Press, 1988) (300 pages). (Paperback edition, 1990)

Environmental Diplomacy: An Examination and a Prospective of Canadian- United States Transboundary Environmental Relations [University of Michigan Press (U.S.) and John Wiley & Sons (Canada)], 1983 (382 pages). (Reprinted 1986)

Canadian-American Relations: The Promise and the Challenge with Kenneth M. Curtis (former U.S. Ambassador to Canada and Governor of Maine), (D.C. Heath & Co., Boston) (Foreword by Cyrus Vance), 1983.

Acid Rain: An Issue in Canadian-American Relations (Canadian-American Committee, National Planning Association, Washington, D.C. and C.D. Howe Research Institute, Toronto), 1982.

The Garrison Diversion Unit: A Case Study in Canadian-U.S. Environmental Relations (with Rod Logan) (C.D. Howe Research Institute, Montreal, 1980).

PUBLISHED ARTICLES/CHAPTERS/REPORTS

“Sustainability and Spirituality”, Radical Grace, Vol. 14, No. 3, July – September 2001.

“Sustainability and Spirituality” reprinted in Catholic Rural Life, March, 2002.

“Catholicism and Ecology”, a Chapter in Deep Ecology and Religion (Albany: State University of New York Press, January 2001).

“Values Added: The “New” New England Agriculture”, Maine Organic Farmer and Gardener, Vol. 27, No.2, June-August, 2000, pp. 22-23.

“Jubilee: Time to Set the Captives Free”, Tidings, Newspaper of the Catholic Diocese of Manchester, New Hampshire, April, 2000.

“WAgNs: A New Opportunity for Organic and Smallscale Agriculture in New England”, NOFA-New Hampshire Newsletter, Winter, 1999.

“One Hundred Years of American Environmentalism”, The Promised Land, Vol. 7, No. 1, Spring, 1999.

Bibliography of Catholicism and Ecology (unpublished - for distribution)

Greening the Campus, About Campus, Vol. 3, No. 6, (January – February, 1999).

“We Have Come Far From Dust, and Into Dust We Shall Return: Ecology, Religion and Sustainability”, Human Ecology Review, Vol. 4, No. 2, Winter, 1997-98.

“Putting Sludge into Perspective”, The Natural Farmer, Vol. 2, No. 35, Winter, 1997 - 1998, p.30.

“Culpability and the Natural Resource Professional”, Rural Landscapes, Vol. 4, No. 6, June, 1997.

Three articles on , “Acid Rain”, Long Island Sound” and “Environmentalism” for Encyclopedia of New England Culture (Univ. Press of New England). (In Press)

Carroll, John E., "International Joint Commission", in Gaddis Smith, ed., Encyclopedia of Foreign Policy, 1997.

"The Limitations of Western Science" in John E. Carroll and Keith Warner (eds.), Ecology and Religion: Scientists Speak (Quincy, Illinois. Franciscan Press, 1998)

"Introduction", with Keith Warner, in Carroll and Warner, Ecology and Religion: Scientists Speak (Quincy, Illinois. Franciscan Press, 1998)

"On Balance, Replenishment and an Ecological Ethic Which Works", in John E. Carroll, Paul Brockelman and Mary Westfall (eds.), The Greening of Faith: God, the Environment and the Good Life (Hanover: University Press of New England, 1996).

"Broadening the Scope", in Carroll, Brockelman, Westfall, The Greening of Faith.

"Getting Our Bearings" (with Paul Brockelman), in Carroll, Brockelman, Westfall, The Greening of Faith.

Review of Gunter Hoog and Angela Steinmetz (eds.), "International Conventions on Protection of Humanity and Environment" in International Environmental Affairs, Vol. 7, No. 1 (Winter, 1995), pp. 98-102.

Carroll, John E., "International Joint Commission", "Environmental Diplomacy", and "Acid Rain - Legislative initiatives" in Robert Paehlke, ed., Encyclopedia of Conservation and Environmentalism (New York: Garland Publishing Co., 1995

"Envisioning Ecological Sustainability: The Need and a Method", Environmental Values, Vol. 4, No. 2 (1995), pp. 167-168.

"Christ the Ecologist", in LaChance and Carroll, Embracing Earth: Catholic Approaches to Ecology (New York: Orbis Books, 1994, pp. 30-34).

Carroll, John E. "Will New California State University Campus Just Pay Lip Service to Field of Ecology?" Carmel Pine Cone, Carmel, California, June 2, 1994, p.23.

Ecology and Moral Choice in Environmental Ethics: Discourses, and Cultural Traditions - A Festschrift to Arne Ness (Varanasi, India: The National Geographical Journal of India, Vol. 39, Parts 1-4, 1993 (pp.65-73).

"Become the "Touches of Sweet Harmony", Maine Organic Farmer and Gardener, Vol. 20, No. 6, November-December, 1993. p.3.

"Sacred Cows and a Sustainable America", Maine Organic Farmer and Gardener, Vol. 20, No. 5, September-October, 1993, p.38.

"Review of Policies for a Small Planet, ed. by Johan Holmberg (Earthscan, London) for Environmental Values, Vol. 1, No. 4 Winter 1993.

"Commentary to Emerging Boundary and Environmental Challenges and Institutional Issues" in Managing North American Transboundary Water Resources (Natural Resources Journal, Vol. 33, No. 1, Winter, 1993, pp.51-56).

"Ecology and Moral Choice" in Whole Terrain: Reflective Environmental Practice (Keene, N.H.: Antioch - New England Graduate School, Fall, 1992) pp.38-43.

Environmental Conservation's New Realities: A Book of Values. 1992. UNH Department of Natural Resources Occasional Paper #5. 78 pages.

"Canada the United States, and the Transnational Environment", in Northern Exposures: Scholarship on Canada in the United States, Edited by K. Gould, J. Jockel and W. Metcalf (Washington, D.C., ACSUS, 1993) pp.203-216.

Review of Valuing the Environment, ed. by J. P. Barde and D. W. Pearce (Earthscan, London) for Environmental Values, Vol 1, No. 2, Summer, 1992.

Review of Toward Unity Among Environmentalists by Bryan G. Norton (Oxford University Press) for International Environmental Affairs Journal, Vol. 4, No. 3, Summer, 1992.

Review of Ethics of Environment and Development: Global Challenge and International Response, ed. by J. Ronald Engel and Joan Gibb Engel (University of Arizona Press) for International Environmental Affairs Journal, Vol. 4, No. 2, Spring, 1992.

Review of A Morally Deep World by Lawrence E. Johnson (Cambridge University Press), for Environmental Management, Vol. 16, No. 6, November/December, 1992.

"Environment, Free Trade and Canada - U. S. Relations" in J. Lemco (ed.), The Canada-United States Relationship: The Politics of Energy and Environmental Coordination (Westport, Conn.: Praeger Publishers, 1992).

"Bending Walls: Borders and the Environment" in Creating a Sustainable Environment: Reversing a Legacy of Neglect (Battle Creek: W. K. Kellogg Foundation, 1990).

"Sustainability and the Environment: Asking the Right Questions", Focus, Jour. of the W.K. Kellogg Foundation Nat'l. Fellowship Program 4(2):10-11 (July, 1990).

"Environmental Issues and Future Canadian Policy" in Canada and the United States in the 1990s: An Emerging Partnership (Cambridge, Massachusetts: Institute for Foreign Policy Analysis, Inc., 1991).

"Environmental Restraint: Living Lightly or Not Living" in Energy, the Environment and Public Policy: Issues for the 1990s (New York: Praeger Publishers, 1991).

"Borders and the Environment" in Hemisfile, Bulletin of the Institute of the Americas, La Jolla, California, Spring, 1990.

"The Absurdity of Borders" in Creating a Sustainable Environment (Battle Creek: The Kellogg Foundation, 1990).

"The Acid Challenge to Security", Bulletin of the Atomic Scientists, Vol. 45, No. 8, October, 1989, pp. 32-34.

"Destruction of the Amazon and the Preservation of Bios", in Biopolitics: The Bio-Environment, Vol. II. Ed. by A. Vlavianos-Arvanitis. Athens, Greece: Biopolitics International Organization, 1989, pages 408-418.

"Transboundary Air Quality Relations: The Canada-United States Experience", University of Maine Policy Papers on U.S.-Canadian Relations, University of Maine, Orono, Maine, 1990.

Review of The Recurring Silent Spring, for Women in Natural Resources. Vol. 11, No. 1, September, 1989. p.33.

"Halpaa Pekonia Sade-Metsien Hinnalla" in the Finnish Environmental magazine YK - Tiedote, No. 4, 1988.

"Water Resources Management as an Issue in Environmental Diplomacy" Transboundary Resources Report, Vol.3, No. 1 (Spring, 1989).

"Acid Rain and International Trade", The Ecologist, Vol. 19, No. 2 (Mar/April, 1989), pp. 42-43.

"Recipe for the Teaching of Environmental Studies in the College", Occasional Paper No. 4, Environmental Conservation Program, University of New Hampshire, Durham N.H., July, 1989.

"Acid Rain, Environmental Security, National Security", Bulletin of the Atomic Scientists, Sept/Oct, 1989 (in press).

"Environmental Policy", Chapter in Seen From the South (Provo, Utah: Brigham Young University Press, 1989).

"The Amazon... For Breakfast" SEAD News, Edinburgh Scotland (Scottish Education and Action for Development) Issue No. 1, July, 1988, pp. 4-5.

"Are We Failing the Acid Test?", Words on Wilderness, University of Montana Wilderness Studies Center, Fall, 1988.

"Ecology and Moral Choice: Bias, Prejudice and Ecology", Environmental Conservation Occasional Paper No. 3, Fall, 1988. Durham. University of New Hampshire. 1988).

"Fundamental Impact of Chernobyl", The Transcript, December 2, 1986.

"Water Resources Management as an Issue in Environmental Diplomacy" Natural Resources Journal Vol. 26, No. 2 (Spring, 1986). pp. 207-220.

Author, Umbrella Films Study Guide - Cooperation Across Boundaries, Spring, 1986.

"Acid Rain-Acid Diplomacy", Chapter 10 in The Acid Rain Debate: Scientific, Economic and Political Dimensions, Westview Press, Boulder, Colorado, 1985.

"The 30% Solution", National Forum: The Phi Kappa Phi Journal, Vol. LXV, No. 2, Spring, 1985.

"The Violated Border", Habitat: Journal of the Maine Audubon Society, Vol. 2, No. 3, February, 1985.

Pollution Across Borders, Proceedings of the UNH Conference Pollution Across Borders: Acid Rain-Acid Diplomacy, September, 1984.

"Transboundary Air Pollution: The International Experience", Chapter in Acid Deposition: Environmental Economic and Policy Issues, Plenum Publishers, 1985.

Caribbean Basin Seminar Report to W.K. Kellogg Foundation, October, 1984.

"We Slight Canada at our Peril", Keene Sentinel, May 14, 1984.

"Transboundary Air Pollution: The International Experience" New Hampshire Council on World Affairs Bulletin, Vol. XXIX, No. 5, May, 1984.

Water dampens U.S.-Canadian Relations, Bulletin of the Atomic Scientists, Vol. 40, No. 1, January, 1984.

"International Business and the International Environment: A Stake Unrealized?" Looking Ahead, Vol. 7, No. 3, July, 1983.

"Quebec-United States Environmental Relations", Chapter 6 in Problems and Opportunities in U.S.-Quebec Relations (Westview Press, Boulder, Colorado, 1983. (ed. by Alfred O. Hero and Marcel Daneau).

"Acid Rain Diplomacy: The Need for Bilateral Resolution", Alternatives, Vol. II, No. 2, Winter, 1983.

"Boundary Disputes Outline Prime Territory", Offshore, Vol. 42, No. 5, May, 1982, pp. 364-371.

"Georges Bank: A Canadian-American Challenge", Paper presented to the Technological Conference on Georges Bank Hydrocarbon Exploration and Development, Nantucket Island, Massachusetts, April, 1982. (and published in Conference Proceedings, May 1983).

"Acid Rain and Canadian-American Relations", Environmental Education Report, April/May, 1982.

"Patterns Old and New" Chapter 3 in The International Joint Commission: Seventy Years On (Toronto: Centre for International Studies, University of Toronto, 1982).

"On Living Together in North America: The United States, Canada and International Environmental Relations" Vol. 12, No. 1, Denver Journal of International Law and Policy, Fall, 1982. (with Newell B. Mack).

"Shadows Over the Border: Canadian-American Environmental Relations in the 80's", Living Wilderness Magazine, Vol. 45, No. 156. Spring, 1982.

"Remarks on the Institutional Aspects for Controlling Acid Rain" in Clean Air for North Americans: Acid Rain in Canadian-American Relations. Columbia University Canadian Studies Program and World Environment Center, New York, NY, June, 1981, (pp. 87-92).

"Acid Rain Cloud Casts Shadow on Canadian-U.S. Relations" San Diego Union (Analysis/Editorials Section), Sunday, June 28, 1981.

"Canada-U.S. Transboundary Environmental Disputes" An Address to the Faculty of Geography, University of Arizona, Tucson, Arizona, March, 1981.

"Acid Rain and Canada-U.S. Relations", A Submission by the Canadian Delegation to the North Atlantic Assembly of NATO, November, 1980; also appearing in the 1980 General Report of the Scientific and Technical Committee of the North Atlantic Assembly, NATO, Brussels, Belgium, January, 1981.

"The Acid Test" Outdoor America, Vol. No. 3, May/June, 1980.

"Canada-U.S. Water Relations" - A chapter in Vol. II of The Role of Natural Resources in Canada-U.S. Relations (C.D. Howe Research Institute and World Peace Foundation), 1980.

"Issues in Canadian-American Resources Management" - A chapter in the book Environment and Resource Development: Policy Perspectives, published by McClelland and Stewart, of Toronto, 1980 (with O.P. Dwivedi).

"Energy and the Northeast: The Canadian Connection" - Chapter 18 in Energy Policy and Public Administration, ed. by Daneke and Legassa (D.C. Heath & Co., Boston), 1980.

"U.S. - Canada International Air Quality Agreement: An Introduction" in Proceedings of the Action Seminar on Acid Precipitation, Toronto, Ontario, 1980.

Great Lakes Anticipatory Planning Handbook - contributed material on regional planning (International Joint Commission, Windsor, Ontario), 1980.

"The Role of Acid Precipitation in Canada-U.S. Relations in the East". Report prepared for Brookhaven National Laboratory, U.S. Department of Energy, Upton, New York, March, 1980.

"International Peace Parks: A Proposed U.S.-Canadian System", National Parks and Conservation Magazine, Vol. 54, No. 1, January, 1980.

"International Peace Parks: A Concept and a Proposal" in Canadian National Parks: Today and Tomorrow, Conference II, University of Waterloo, Waterloo, Ontario, December, 1979.

"Constraints on United States-Canada Energy Trade in the East". Report Prepared for Brookhaven National Laboratory, U.S. Department of Energy, Upton, New York, December, 1979.

"The Poplar River Issue", Western Wildlands, Vol. 6, No. 1, Fall, 1979.

"Differences in the Environmental Regulatory Climate in the U.S. and Canada", Canadian Water Resource Journal, Vol. 4, Fall, 1979.

"Newfoundland-Labrador. An Assessment of Her Energy Resource Potentials and their Possible Meaning to the Northeastern United States", Report Prepared for Brookhaven National Laboratory, U.S. Department of Energy, Upton, New York, September 1979.

"Environmental and Pollution Problems That Affect Both Sides of the Border", in Looking Ahead, Vol. IV, No. 3, National Planning Association, Washington, D.C., Summer, 1979.

"The Institutional Response to the Energy Crisis in Eastern Canada" Report prepared for Brookhaven National Laboratory, U.S. Department of Energy, Upton, New York, June, 1979.

"Position of Private Utilities in the Northeastern U.S. On Importation of Canadian Natural Gas and Hydroelectric Energy: Survey and Analysis". Report Prepared for Brookhaven National Laboratory, U.S. Department of Energy, Upton, New York, April, 1979.

"Eastern Canada-Northeastern U.S. Energy Relations: Air Quality, Natural Gas and Electric Power Sales". Report Prepared for Brookhaven National Laboratory, U.S. Department of Energy, Upton, New York, February, 1979.

"Eastern Canada-Northeastern U.S. Energy Relations: Environmental Aspects by Energy Type, by State and by Environmental Issues". Report Prepared for Brookhaven National Laboratory, U.S. Department of Energy, Upton, New York, January, 1979.

"The International Aspects of Dickey-Lincoln" - Maine Audubon, Winter, 1978-79 (with J. Aspnes).

"The International Aspects of Dickey-Lincoln", reprinted in Bangor Daily News, Bangor, Maine, December 25, 1978.

"Environmental Aspects of Actual and Potential Eastern Canada-Northeastern U.S. Energy Relations: An Identification of the Issues" - Report prepared for Brookhaven National Laboratory, U.S. Department of Energy, Upton, New York, October, 1978.

"Proceedings of the Symposium on United States-Canada Environmental and Natural Resource Issues" - University of New Hampshire, September 1978.

Dickey-Lincoln: What About Canada?" Maine Times, Vol. 10, No. 30 (May 5, 1978), p. 5.

"The Role of Energy in Canadian-American Relations" - Journal of Natural Resource Management and Interdisciplinary Studies, Vol. 3, No. 1, Spring, 1978, pp. 20-32 (with M. Valliante).

"Of Oil, Gas and Pipelines: A Primer on the Role of Oil and Gas in U.S. - Canada Relations" Journal of Natural Resource Management and Interdisciplinary Studies, Vol. 3, No. 1, Spring, 1978, pp. 32-37 (with M. Valliante).

"When Pollution Knows No Boundaries" - National Parks and Conservation Magazine. Vol. 52, No. 3, March, 1978, pp. 19-24.

"Environmental Factors and Actors "in Canada-U.S. Relations" - unpublished report to the C.D. Howe Institute, Montreal, and the World Peace Foundation, Boston, 1978.

"Canadian-American Natural Resource Papers, 1975-1976", Proceedings of the Seminar (Special publication of the University of New Hampshire, 1977).

1974-1977: Articles and papers on wilderness issues, coastal wetlands issues and land use reflecting earlier research.

MAJOR PROFESSIONAL ACTIVITIES

Conducted Workshop for Three Episcopal Parishes in New Hampshire on “Ecology, Spirituality and Christianity”, Hampstead, New Hampshire, February, 2002.

Book manuscript preparation for Sustainability and Spirituality, June 2001 – January, 2002. Submitted to publishers, January, 2002.

Conducted Workshop for All Episcopal Bishops of New England on “Ecology, Spirituality, Theology”, Newbury, Massachusetts, December, 2001.

Consultant to Catholic Bishops of New England on relations with Conservation Law Foundation , December, 2001.

Co-organized UNH New England Center Three Day Conference (with UNH Office of Sustainability Programs) on the Soul of Agriculture: New Movements in New England Food and Farming Conference, November, 2001.

National Coordinator, Soul of Agriculture Project, November, 2001 - present.

Principal Investigator, AES-Hatch research project on Land Ethics and Sustainable Agriculture, October 2001 – present.

Member, National Board of Advisors and Vermont Board of Advisors, Green Mountain Monastery, Chittenden, Vermont.

Conducted Workshop for Episcopal Bishop and all Episcopal Clergy of New Hampshire on “ Ecology, Spirituality, Theology”, Madison, New Hampshire, October, 2001.

Sabbatical Leave travel, May – June, 2001, to Iceland, Sweden and Denmark, to conduct research on models of sustainability in organic agriculture, public transportation and residential solid waste disposal models.

Sabbatical Leave travel, January – May, 2001, to Southeast, South Central, Southwest, Great Plains, Midwest U.S. states to conduct research on sustainability and spirituality.

Participated in University of Wisconsin Center for Integrated Agricultural Systems’ Collaborating for Change Conference, a gathering of sustainable agriculture centers and programs, Madison, Wisconsin (funded by UNH-OSP) , November, 2000.

Research Trips to Sustainability and Spirituality Model Sites in Indiana, Ohio, Pennsylvania (March, 2000) and Minnesota and North Dakota (July-August, 2000).

Assisted Catholic Bishops of Maine, New Hampshire, Vermont and Massachusetts on development of Pastoral Letter on Ecology, Spring, 1999 to Spring, 2000.

Member, Town of Durham Master Plan Committee for Transportation, 1998-2000.

Participant in Harvard University Graduate School of Design Conference on “Green Buildings”, May, 2000.

Selected Finalist for Fulbright Distinguished Lectureship to Denmark, July, 1999.

Participated in Kellogg Foundation Cross-Group Seminar on Trust, Ogunquit, Maine, June, 1999.

Member, Advisory Board, Children and the Living Earth Initiative, October, 1999 to present.

Invited Participant to Harvard Ecology and Religion Culminating Conferences at the United Nations and at the American Museum of Natural History, New York, October, 1998.

Invited Participant to Harvard University Conference on Religion, Ecology, Policy, September, 1998 (Harvard-funded).

Selected Finalist and Alternate for Fulbright Distinguished Lectureship to Denmark, July, 1998.

Selected to participate in UNH One Week Special Course for Faculty on Technology, Society and Values (June, 1998).

Invited Participant to Harvard University Conference on Christianity and Ecology, April, 1998 (Harvard-funded).

Study trip to southern France, May-June, 1999.

Attended Harvard University Center for World Religions Conference on Christianity and Ecology, April, 1998.

UNH representative to Bermuda to negotiate with Bermuda College, Bermuda Biological Laboratory and other Bermuda entities to develop areas of collaboration, March, 1998.

Organized departmental seminars on "Socially/Environmentally Responsible Investing" and "New Hampshire Artisans in Wood", January-February, 1998.

Organized departmental seminar on "Small-scale Goat Dairy Farming and Sustainability in New Hampshire", September, 1997.

Awarded UNH Alumni Association Grant (\$1,000), June, 1997.

Represented UNH at USEPA Climate Warming New England Impacts Conference, Boston, Massachusetts, June, 1997.
Represented UNH at New England Board of Higher Education Environmental Studies Conference, Boston, Massachusetts, May, 1997.

Member Sustainability Director Search Committee, UNH, March-April, 1997.

Awarded Hubbard Endowment Sustainability Grant (\$2,500), February, 1997.

Organized departmental seminars on "Proposed Maine Woods National Park, Maine" and "Gateway National Recreation Area, New York: An Update", January-February, 1997.

Addressed faculty and students of Human Ecology Programme, Centre for Human Ecology, University of Edinburgh, Edinburgh, Scotland, U.K., August, 1996.

Participated in Templeton Foundation Workshop on Science and Religion, Oxford University, Oxford, U.K., July, 1996.

Participated in NSF-Chautauqua Course in the History of Environmentalism at Harvard University, Cambridge, Massachusetts, May, 1996.

Participated in NSF-Chautauqua Course in Dinosaur Evolution and Cladistics at American Museum of Natural History, New York, N.Y., April, 1996.

Member of External Accreditation Review Team for Environmental Studies Program, The University of Michigan-Dearborn, September, 1995.

Travel to England and Poland on behalf of the University System of New Hampshire. (1995)

"James Bay, Hydro Quebec and Ecological Ethics", An address in the Ethics and Values Series, Dover Public Library, Dover, N.H., May, 1995.

UNH-DCE Summer Session Innovative Program Grant for Summer Institute on Ecology and Religion, 1995.

Participated in U.S. Catholic Conference Scholars Consultation on Environmental Justice, Mount Angel, Oregon, June, 1995.

"Catholic Approaches to Ecology", An Interview with Laura Kiernan, Perspectives, New Hampshire Public Radio, March, 1995.

Research visits to Western New Mexico University (Silver City, New Mexico) and Holy Trinity Monastery (Benson, Arizona), March 1995.

Research visits to Land Institute, at Salina and Matfield Green, Kansas, June, 1995.

Research visit to U.S. Catholic Conference, Washington, D.C., February, 1995.

Research visits to Genesis Farm, Blairstown, New Jersey, and Spirit Earth, Saugerties, New York, January, 1995.

Instructor of "Ecology and Religion" courses, Durham Academy of Religious Studies, Durham, N.H., January-February, 1995.

Visited sustainable living projects in Kansas and Oregon, June, 1995.

Member of the Board, National Catholic Rural Life Conference, 1992-present.

Appointed Scholar in Residence, Monterey Institute of International Studies, Monterey, California, January to June, 1994.

Appointed to Advisory Board, Environmental Hazards Management Institute, 1993-present.

Appointed to New Hampshire Conservation Education Advisory Committee, 1993.

Traveled to Maastricht, The Netherlands (University of Limburg) and Brussels, Belgium (Free University of Brussels) for meetings with faculty and students (December, 1993).

Planned and co-organized Conference on God, the Environment and the Good Life, University of New Hampshire, November, 1993.

Conducted Workshop on Environmental Ethics in Character and Citizenship Education for N. H. School Administrators Association, Merrimack, N. H., October, 1993.

Member, Board of Advisors, UNH Environmental Network.

Consultant to Center for Creative Democracy, Boothbay Harbor, Maine, 1993.

President, UNH University Club, 1993.

Graduate Program Coordinator, Environmental Conservation, UNH.

Co-Organizer, UNH Faculty Religious Studies Seminar, 1991-1993.

Session Chair, Living with Industry - The Next Ten Years: An International Conference at Huddersfield University, Huddersfield, England, U.K., July, 1992.

Member, UNH Religious Studies Executive Committee and Technology, Society and Values Executive Committee.

Organizer, Ecology/Religion Workshop, Maine Council of Churches, Portland, Maine, November, 1992.

Member, Program Advisory Committee, and Session Moderator, University of Vermont Northern Forests Conference,

Burlington, Vermont, November, 1992.

Visiting Professor of Ecology, Society and Ethics, Schumacher College, Devon, England, U.K., June-July, 1992.

Co-Organizer, Religion and the Environment Workshop, University of New Hampshire, Durham, New Hampshire, May, 1992.

Program Reviewer, Environmental Studies Program, Keene State College, Keene, New Hampshire, May, 1992.

Visiting Scholar, Environmental Studies and Ethics Programs, University of Nevada, Las Vegas, Las Vegas, Nevada, March, 1992.

Visiting Scholar, Public Policy Program, University of Nevada, Reno, Reno, Nevada, March, 1992.

Environmental Ethics Symposium Organizer, AAAS Annual Meeting, Chicago, Illinois, February, 1992.

Advised Appalachian Center for Science in the Public Interest, Livingston, Kentucky, July, 1991.

Advised Union Institute, Cincinnati, Ohio on Development of Environmental Studies Program, Cincinnati, Ohio, July, 1991.

Discussion leader at Dartmouth College/United Nations University Conference on International Governance and Global Environmental Change, Dartmouth College, Hanover, New Hampshire, June, 1991.

Received Farrington Fund professional improvement grant to travel to Iowa (Iowa State University, Grinnell College, Practical Farmers of Iowa, National Catholic Rural Life Conference, Prairie Fire Social Action, Pioneer Hi-Bred International), Nebraska (Center for Rural Affairs, Small Farm Research Project, Nebraska Sustainable Agriculture Society, University of Nebraska Institute of Agriculture and Natural Resources), Kansas (The Land Institute, Kansas State University), September-October, 1990.

Appointed to Planning Committee, Dartmouth United Nations University Conference on International Governance and Global Environmental Change, Dartmouth College, Hanover, New Hampshire, July, 1990 - June, 1991.

Poster, Stop and Think, Exhibited at the UNH Earth Day Exhibition, April 1990.

Member, International Society for Environmental Ethics.

Appointed to Advisory Board, International Journal of Canadian Studies, Ottawa, Canada, April, 1990.

Hosted/Organized 1990 Northeast Environmental Studies Group Annual Meeting, University of New Hampshire, February, 1990.

Elected Vice President, UNH University Club, February, 1990.

Member/Organizer, Rail Riders Northeast (New Hampshire Chapter), January, 1990.

Facilitator, Kellogg Foundation National Fellows Forum, "Creating a Sustainable Environment - Reversing a Legacy of Neglect", Battle Creek, Michigan, December, 1989.

Nominated to the Presidency, Northeast Missouri State University, Kirksville, Missouri, Autumn, 1989. (Nomination by President Richard Wood of Earlham College)

Adjunct Faculty and Visiting Professor of International Environmental Diplomacy, and Sustainable Development, Antioch-New England Graduate School, Keene, New Hampshire, 1989-1993.

Chair, Working Group on the Role and Scope of Human Ecological Principles in Development, 9th (British) Commonwealth Conference on Human Ecology, Edinburgh, Scotland, U.K., July, 1989.

U.S.A. Delegate to Balaton International Environmental Meetings, Lake Balaton, Hungary, and to Budapest International Energy Forum, Budapest, Hungary, August-September, 1989.

Assessor of Internship Programs at Meadowcreek Project (Arkansas), Heifer Project International (Arkansas and Massachusetts), Kerr Center for Sustainable Agriculture (Oklahoma), June and October, 1988.

Appointed Visiting Professor of Human Ecology, University of Edinburgh, Centre for Human Ecology, Edinburgh, Scotland, U.K. August, 1987 - February, 1988.

Appointed Member, Board of Advisors, International Transboundary Resources Center University of New Mexico School of Law, February, 1988.

Appointed Member of the Editorial Board, Journal of International Environmental Affairs Dartmouth College, Hanover, New Hampshire, February, 1988.

Organized and directed an International Workshop on European Linkages to Tropical Rainforest Destruction, at University of Edinburgh, Edinburgh, Scotland, February, 1988.

Appointed Visiting Professor of Human Ecology, University of Edinburgh, Edinburgh, Scotland, U.K., August, 1987 to February, 1988.

Visiting Scholar, Department of Forestry, University College of North Wales, Bangor, Wales, U.K., January, 1988.

Traveled to Belgium, West Germany, France, Austria, Italy, Switzerland, Ireland, United Kingdom on diversified international environmental and human ecological research, May - August, 1987.

Organized and Directed a Seminar-Retreat on "Development Issues in the Amazon Basin" for 25 Latin American graduate students for the Coolidge Center for Environmental Leadership, at Holmes, New York, February, 1987.

Appointed Director of Programs, Coolidge Center for Environmental Leadership, Cambridge, Massachusetts, July, 1985 - February, 1987.

Visiting Lecturer, College of the Atlantic, Bar Harbor, Maine, November, 1986.

Organized and Directed a Seminar-Retreat on "Coastal Zone Management Issues in the Bay of Bengal" for 23 Asian graduate students for the Coolidge Center for Environmental Leadership, at Ipswich, Massachusetts, October, 1986.

Reviewer for Cambridge University Press (U.K.) and Journal of Environmental Management and Environmental Values (U.K.).

Organized and directed a seminar-retreat on "Sustainable Food Production in Developing Nations Using Agriculture and Aquaculture" for 21 African, Asian and Latin American Nationals who are graduate students at U.S. universities, at the New Alchemy Institute and Northeast Marine Education Institute, Cape Cod, Massachusetts, April, 1986. (Sponsored by the Coolidge Center for Environmental Leadership.

Inducted, Faculty Charter Member, Sigma Iota Rho International Affairs Honorary Society, May, 1986.

Organized and directed a seminar-retreat on "Appropriate Technology for Sustainable Development in Caribbean Island Nations" 21 Caribbean nationals who are graduate students at U.S. universities, at La Salette Retreat Center, Ipswich, Massachusetts, Jan. - Feb., 1986. Sponsored by the Coolidge Center for Environmental Leadership.

Traveled to England, Scotland, Ireland to run conference in Ireland, present faculty and students seminars of University of

Edinburgh Scotland, and visit Institute for Development Studies, University of Sussex, Brighton, England to further teaching in international environmental development. November, 1985.

Chevron Visiting Professor, Simon Fraser University, Vancouver, British Columbia, October, 1985.

Appointed Chair, Sidore Lecture Series Committee, Univ. of New Hampshire, Fall, 1985.

Elected Vice President and President-elect, Phi Kappa Phi national honorary, University of New Hampshire chapter, Fall, 1985.

Appointed to Executive Committee of UNH Vice President's Committee on the Humanities, Fall, 1985.

Traveled to Scotland and Ireland, May-June, 1985 to plan joint UNH- University of Aberdeen Environmental Diplomacy Conference.

Appointed KELLOGG FOUNDATION NATIONAL FELLOW, 1982-1985.

Coordinator (with Prof. R. Parker of "Pollution Across Borders: Acid Rain Acid Diplomacy" Conference at University of New Hampshire's New England Center, Durham, N.H. Sept. 1984.

Appointed to assist the Dean of the UNH College of Life Sciences and Agriculture on international agriculture program development.

Consulted with Maxwell Cohen on Canada-U.S. Dispute Settlement Project, September, 1983 - July, 1984.

Consulted with Resources for the Future, Washington, D.,C. on major symposium initiative in Canada-U.S. natural resource dispute resolution 1983 - 1984.

Member, Advisory Board on Great Lakes Citizens Project, Canadian Environmental Law Research Foundation, Toronto, 1983 - present.

Senior Project Director, C.D. Howe Research Institute, Montreal. - directed a major project on United States-Canada Environmental Relations (1979-1983) (including one year sabbatical leave from the University of New Hampshire), resulting in a 382 page book comprehensively dealing with all major bilateral environmental problems between the U.S. and Canada.

Project Director, National Planning Association, and Canadian-American Committee, Washington, D.C. - directed a research project on the Role of Acid Rain in United States-Canada Relations (1980-1982), resulting in an 80 page monograph.

Visiting Professor in Canadian-American Environmental Relations, Vermont Law School, South Royalton, Vermont, July 1983.

Member Phi Kappa Phi - recognized for academic achievement and inducted into membership, April, 1983.

Coordinator, International Studies Seminar, and International Perspectives course, and Member, University International Studies Committee, University of New Hampshire, 1981 - present.

Research trips to Brussels, Paris, Geneva in September-October, 1982, and to Sweden and Norway in May 1983, To Mexico-Texas-New Mexico Border Region in April 1984; to Jamaica, Puerto Rico, Mexico in May, 1984, and to Brazil (Salvador, Fortaleza, Belem), November, 1984, with Kellogg Foundation support to study international environmental problems and their resolution/ avoidance; to Greece, October, 1984; to Scotland and Ireland, May - June, 1985; to England, Scotland, Ireland, November, 1985; to Scotland, 1986; to seven European nations in 1987; to Scotland, 1987 - 1988; to Scotland and Hungary, 1989; to England, France and Switzerland, 1992.

Selected Working Participant in the Wingspread Conference on Institutional Arrangements for the United States-Canada Air Quality Agreement, Racine, Wisconsin, March, 1983.

Consulted with Indiana University on Canadian-U.S. and international environmental relations, -November, 1982.

Member, doctoral committee, Indiana University School of Public and Environmental Affairs, Bloomington, Indiana.

Respondent on Acid Rain to World Resources Institute. Washington, D.C., December, 1982.

Consulted with International Joint Commission on Canada-U.S. environmental matters, Ottawa. -September, 1982.

Consulted with Environment Canada, Ottawa, Ontario on future Canadian-U.S. water problems, -September, 1982.

Consulted with New Hampshire Attorney General, Environmental Protection Division--on New Hampshire/Quebec hydroelectricity matters. -March, 1982.

Consulted with Ontario Hydro, Toronto, Ontario on achieving resolution of acid rain-electricity export controversy. -February, 1982.

Consulted with Exxon, U.S.A. and Exxon Research and Engineering, New York, N.Y.--on a global acid rain model. -December, 1981.

Assisted in organizing a joint conference of the American and Canadian Bar Associations on "Common Problems/Common Boundary: Energy and Environment in Canada-U.S. Relations". Banff, Alberta. -March, 1981.

Assisted UNH Division of Continuing Education in organizing two Canada-New England Trade Seminars, Spring, 1980 and Spring, 1982.

Developed and taught a seminar on the International Diplomacy of Acid Rain.

Advisor to Governor Hugh Gallen of New Hampshire on U.S.-Canada energy relations. (1979-1981).

Appointed Member, Advisory Committee, Energy Law Institute, Franklin Pierce Law Center, Concord, N.H. 1979-1982.

Appointed by Governor Richard Snelling of Vermont to be U.S. representative to the Northeast International Committee on Energy (U.S.-Canada), January, 1979. Reappointed by Governor Hugh Gallen of N. H., June, 1979- August 1981.

Appointed Member of Citizens Energy Policy Advisory Group of New Hampshire House of Representatives (as Canadian Energy specialist) 1979-1981.

Designed, financed, organized and moderated the first international symposium on United States-Canada environmental, energy and natural resource relations, New England Center, Durham, N.H., April, 1978.

Consultant to Brookhaven National Laboratory (U.S. Department of Energy) on U.S.-Canada energy interrelationships and their environmental implications in the East. (1978-1981).

Teach a U.S.-Canada environmental and natural resources seminar course at University of New Hampshire. (1977-present).

Member, Association for Canadian Studies in the United States, 1976- present.

Elected Trustee, National Parks and Conservation Association, Washington, D.C., 1976-1978. Re-elected 1978-1981.

Gave numerous radio, television and newspaper interviews on U.S.-Canada environmental and energy relations in U.S. and Canada. (1976-present).

PRESENTATIONS

Addressed Durham Unitarian – Universalist Fellowship on “Sustainability and Spirituality”, October, 2000.

Addressed UNH Protestant and Catholic Chaplaincies on “Sustainability and Spirituality, Durham, N.H., October – November, 2000.

Addressed New Hampshire Council of Churches Conference on “Electric Power Deregulation and Faith Communities”, Concord, New Hampshire, November, 2000.

Addressed Clean Earth/Cool Planet Conference on “Electric Power Deregulation and Faith Communities, Portsmouth, New Hampshire, January, 2001.

Addressed students and faculty of Spring Hill College, Mobile, Alabama, on “Ecology and Religion”, January, 2001.

Addressed Clean Earth/Cool Planet Meeting on “Ecology and Spirituality”, Portsmouth, New Hampshire, May, 2001.

Addressed New Hampshire Council of Churches on “New England Catholic Bishops’ Environmental Pastoral Letter, Concord, New Hampshire, June, 2001.

Addressed Faculty and Students of St. Michael’s College, Colchester, Vermont, on “Ecology and Religion” and on “Sustainability and Spirituality”, September, 2001.

Presented UNH – DNR Graduate Seminar on “Swedish Models of Sustainability”, October, 2001.

Addressed UNH Soul of Agriculture Conference, November, 2001.

Addressed Unitarian – Universalist Church of Portsmouth (South Church) on “Ecospirituality”, February, 2002.

Addressed Ecology, Theology and Judaeo-Christianity Environmental Ethics Conference at Notre Dame University, on “Sustainability and Spirituality”, South Bend, Indiana, February, 2002.

“Greenhouse Gas, Climate Change and the Role of the Churches”, Remarks and Panel Moderator at the Climate Change Training Workshop, Maine Council of Churches, Winslow, Maine, October, 2000.

“Electricity Deregulation and Faith Communities”, An Address to the New Hampshire Council of Churches Conference on Electricity, Environment and Ethics, Concord, New Hampshire, September, 2000.

“Eco-Spirituality and Eco-Justice”, A Two Day Workshop at the Annual Conference on Peace, Justice and Ecology, Rivier College, Nashua, New Hampshire, June, 2000.

“Spirituality and Agriculture”, Panel Discussant at Yale University Conference on The Good in Nature and Humanity, New Haven, Connecticut, May, 2000 (Yale-funded).

“Aquinas, Christian Theology and Ecology”, An Address to the Episcopal Divinity School, Cambridge, Massachusetts, April, 2000.

“New Directions in Ecology and Religion”, A Talk to the New Hampshire Council of Churches Planning Meeting, Concord, New Hampshire, April, 2000.

“Simplicity and Spirituality”, A Keynote Address to the 2nd Annual Justin Brande Symposium, Vermont Law School, South Royalton, Vermont, March, 2000.

“Catholicism and Ecology”, A Keynote Address to the Conference on Environmental Studies Leadership of Catholic Colleges and Universities, University of Portland, Portland, Oregon, June, 1999.

“Spirituality and the Ocean”, An Address to Laudholm Farm Trust, Ogunquit, Maine, May, 1999.

“Ecology, Religion and Moral Choice”, Luncheon Address to the Faculty and Students of Amarillo City College, Amarillo, Texas, January, 1999.

“One Hundred Years of American Environmentalism”, Keynote Address to the Annual Meeting of the Promised Land Network, Amarillo, Texas, January, 1999.

“Ecology and Religion”, A Public Address to the Graduate School Faculty and Staff, University of Nebraska at Omaha, Omaha, Nebraska, December, 1998 (televised by Nebraska Public TV).

“Eco-Spirituality”, An Address to the Durham Unitarian-Universalist Fellowship, December, 1998.

Moderated Citizens’ Forum on Environmental and Health Concerns from Landspreading of Sewage and Paper Mill sludges, NOFA-NH Conference, Concord, N. H., November, 1997.

Co-organized and addressed Sustainable Communities in New England Higher Education and Local Communities in Collaboration Conference at Stonehill College, North Easton, Massachusetts, on “Insights from UNH on Ecology, Religion and Sustainability”, November, 1997.

Addressed Society for Human Ecology Annual Meeting, Bar Harbor, Maine, on “Ecology, Religion and Sustainability”, October, 1997.

Addressed UNH Alumni Reunion Weekend on “Ecology, Ethics, Values and Sustainability: Another Turn of the Crank”, June, 1997.

Respondent at Danish International Studies Conference on International Environmental Studies, Copenhagen, Denmark, June, 1997.

Addressed National Catholic Rural Life Conference on Sustainability and Rural New England on “An Ethic for the New Millenium”, Franklin, N. H., April, 1997.

Addressed classes at St. Thomas Aquinas High School, Dover, N. H., on “Ecology and Spirituality”, April, 1997.

Addressed student assembly on “Ecological Ethics and Religion” at St. Thomas Aquinas High School, Dover, N. H., March, 1997.

Respondent to N. H. International Affairs Seminar on “U. S. -Canada-Mexico International Wildlife Treaties”, February, 1997.

Addressed Durham-Dover Active Retirement Association on “Technology and Ecological Values”, February, 1997.

Addressed classes at St. Thomas More High School on “Ecology and Spirituality”, January, 1997.

Addressed Durham Unitarian-Universalist Fellowship, October, 1995.

Elected to UNH Academic Senate, October, 1995.

“About Embracing Earth: A Talk at Good News Bookstore, Somersworth, NH, June, 1995.

Addressed St. Thomas Aquinas H.S. Physics class on "Ecological Ethics", February, 1995.

Addressed Maine Seeds of Promise Conference on "Ecology and Religion", Portland, Maine, 1994.

Addressed Benedictine Community at Holy Trinity Monastery, Benson, Arizona, on "Religion and Ecology", March, 1995.

Presented numerous addresses on international environmental ethics and values to faculty and students of Monterey Institute of International Studies, Monterey, California, January to June, 1994.

"International Environmental Ethics", An Address to the Free University of Brussels, Brussels, Belgium, December, 1993.

"Environmental Ethics and Moral Choice", An Address to the S.I.R.M.C.E. Confederation Conference on the Prolongation of Human Life, Brussels, Belgium, December, 1993.

"What is Sustainable Agriculture?", An Address to the Strafford County Conservancy, Barrington, N. H., April, 1993.

"The Global Environment in the Wake of Rio", An Address to the New Hampshire World Affairs Council, Manchester, N. H., April, 1993.

"Ecology, Religion and Spiritual Values", An Address to the Priests of the Catholic Diocese of Manchester, York Harbor, Maine, March, 1993.

"Science, Ethics and the Environment" - A Commencement Address to Students and Teachers at the Plymouth State College Upward Bound Program in Science and Mathematics, Plymouth, N.H., August, 1992.

"Urban Quality of Life and Loss of Environmental Sustainability: A Question of Ethics". An Address to the Living with Industry: The Next Ten Years - An International Conference at Huddersfield University, Huddersfield, England, U.K., July, 1992.

"Environmental Ethics and Eastern Europe", An Address to the UNH Environmental Data and Analysis Center for Central and Eastern Europe (EDAC), Durham, New Hampshire, May, 1992.

"Religion and the Earth", Remarks to the UNH Workshop on Religion and the Earth, Durham, New Hampshire, May, 1992.

"International Environmental Ethics and Values", A series of addresses at the University of Nevada, Las Vegas, at Las Vegas, Nevada, March, 1992.

"International Environmental Diplomacy", A series of addresses at the University of Nevada, Reno, at Reno, Nevada, March, 1992.

"Can the Economy be Green?", An Address to the Wells National Estuarine Reserve, Wells, Maine, March, 1992.

"Spirituality in Agriculture", Remarks at the Symposium on Spirituality and Agriculture, Loveland, Colorado, December, 1991.

"The University, Energy and the Environment: Asking the Right Questions", An Address to the Northern New England Section of the Eastern Regional Association of Physical Plant Administrators, Durham, New Hampshire, September, 1991.

"The Environment: A Question of Value", An Address to the Active Retirement Association, Durham, New Hampshire, September, 1991.

Invited to present paper "Resolving Transboundary Natural Resource Disputes" at 1991 Annual Conference of the Society of Professionals in Dispute Resolution, San Diego, California, October, 1991.

"International Ethics, Sustainability and Natural Resource Development", paper presented to the AAAS Annual Meeting, Chicago, Illinois, February, 1992.

"First World Diets and Rainforest Destruction: Exploring the Ethical Issues", Paper presented to the Conference on Varieties of Sustainability: Reflecting on Ethics, Environment and Economic Equity, Pacific Grove, California, May, 1991.

"Emerging Boundary Environmental Challenges: A Commentary", Presentation to the Tri-National Conference on the North American Experience Managing International Transboundary Water Resources, Boca Grande, Florida, April, 1991.

Addressed the World Institute for Advanced Phenomenological Research and Learning's 1991 Boston Forum on Phenomenology of Life and the Sciences of Life on the topic, "Ethics, the Environment and Moral Choice", Harvard University, Cambridge, Massachusetts, January, 1991.

Addressed Durham Unitarian - Universalist Fellowship on "Environmental Ethics", Durham, New Hampshire. December, 1990.

Participated in Dartmouth College/United Nations University Planning Committee on International Governance and Global Environmental Change Conference, Minary Center, Holderness, N. H., October, 1990.

Addressed UNH Fraternity at Homecoming, 1990 on "Environment: A Matter of Personal Responsibility", October, 1990.

Addressed Durham Community Church Social Action Committee and University Christian Chaplaincy (Waysmeet) on "Ecology, Theology and Spiritual Values", October, 1990.

"The Environment - It's a Personal Responsibility, Address to the Durham, - Great Bay Rotary Club, Durham, N. H., July, 1990.

"Acid Rain and Reality", An Earth Day Presentation to New England College, Henniker, N. H., April, 1990.

Invited to address the Hungarian Academy of Sciences with a Series of Three Lectures on "International Environmental Impact Assessment: Questions of Ethics, Values and Moral Choice", Budapest, Hungary, September, 1990.

"Environmental Restraint: Living Lightly or Not Living", A Paper presented to the Kent State University Economic Policy Conference IV: Energy and the Environment in the 1990s, Kent, Ohio, April, 1990.

"The Sharing of our Continent in the 90s and Beyond", The Keynote Address presented to the Sharing Our Continent Symposium, International Studies Program, University of Dayton, Dayton, Ohio, April, 1990.

"The Great Lakes and Canada - U.S. Relations", A Lecture to the Oberlin College Environmental Studies Program, March, 1990.

"Environmentalism, Values and the Global Challenge", An Address to the faculty and students of Oberlin College, Oberlin, Ohio, March, 1990.

"Environmental Ethics" and "Acid Rain", Presentations to Oyster River High School and Dover High School, New Hampshire, February, 1990.

"Environmental Ethics: What is Involved?", A Seminar to the Resource Administration and Management Graduate Faculty, University of New Hampshire, February, 1990.

"Environmental Ethics and the Chaplaincy", A Presentation to Catholic Chaplains of New Hampshire Colleges and Universities, Rye, New Hampshire, January, 1990.

"International Studies and the Global Environment", An Address to the Global Studies students and faculty of East Carolina University, Greenville, North Carolina, January, 1990.

"Dispute Resolution and the Tropical Rainforest", A Presentation to and Dialogue with United World College of the American West, Las Vegas, New Mexico, January, 1990.

"Environment, Resources and Moral Choice", A Seminar to the Natural Resources Ph.D Faculty, University of New Hampshire, October, 1989.

"Environmental Ethics: An Exploration", An Address to the Tufts University New England Environmental Conference, Tufts University, Medford, Massachusetts, March, 1989.

"Environment, Geography and New Paradigms: Destruction of Bios, Moral Choice and Global Sustainability", Three Addresses to the Faculty and Students of Western Michigan University, Kalamazoo, Michigan, February, 1989.

"Ecology and Sustainable Agriculture", An Address to the Kerr Center for Sustainable Agriculture, Poteau, Oklahoma, October, 1988.

"Ecology, Morals and Politics, An Address to the Faculty and Students of Rhodes College, Memphis, Tennessee, October, 1988.

"The Destruction of the Amazon and the Preservation of Bios", An Address to the Biopolitics International Organization, Athens, Greece, October, 1988.

Presented numerous lectures and seminars on "Ecology and Moral Choice", "Bias, Prejudice and Ecology", "International Environmental Diplomacy", and Politics, Values and Acid Rain" to University faculties, students and organizations and groups in Scotland (including Edinburgh and Sterling Universities), and Wales, August, 1987 to February, 1988.

Presented Luncheon Address on "Citizen Diplomacy" at Fifth Annual Canada Conference, Plymouth State College, Plymouth, N.H., November, 1986.

Addressed League of Women Voters Durham - Dover (N.H.) Chapter on "Current Environmental Issues in Agriculture", November, 1986.

Chaired Acid Rain Workshop and presented an address on Global Acid Rain Problems at Globescape II Conference, Tufts University, Medford, Massachusetts, October, 1986.

Addressed Pioneer Valley Regional Planning Commission Annual Meeting, Holyoke, Massachusetts on Acid Rain and New England - Canada Relations", June, 1986.

Addressed faculty and students of Winsor School, Boston, Massachusetts on "Acid Rain", May, 1986.

"Cooperation Across Boundaries: The Acid Rain Dilemma", An address to the New England Environmental Conference, Tufts University, Medford, Massachusetts, March, 1986.

"The Great Lakes, Environmental Quality and Canada - U.S. Relations", A Presentation to the faculty and students of the State University of New York at Buffalo, Buffalo, New York, March, 1986.

"Acid Rain: A National Issue of Regional Importance". An Address to the New England Rural Leadership Washington Seminar, Washington, D.C., January, 1986.

"Acid Rain - The North American Conflict", An address to the University of Edinburgh Centre for Human Ecology's Autumn Lecture Series, Edinburgh, Scotland, November, 1985.

"Living Together in North America", An Address to the Executive MBA Program, Simon Fraser University, Vancouver, British Columbia, October, 1985.

"International Environmental Diplomacy", An Address to the President's Club, Simon Fraser University, Vancouver,

British Columbia, October, 1985.

"Acid Rain and Canada", An Address to the N.H. Council on World Affairs' Canada Day at Berlin High School, Berlin, New Hampshire, March, 1985.

"The Mining and Energy Corporation and International Environmental Impact: Toward a Gentler Path", Paper presented to the Management Seminar on Strategies to Control Environmental Impact of Largescale Mining and Energy Development, Chania, Crete, Greece, October, 1984.

"Acid Rain: We've Got it, What Can We do About It?", An Address to the Young Presidents Organization, Montreal, Quebec, Canada, October, 1984.

"Canadian-American Relations: The Promise and the Challenge", An address to the National Association of Foreign Student Affairs Annual Meeting, Rockport, Maine, November, 1983.

"Canada-U.S. Environmental Relations: The Current Situation", Breakfast Seminar Series of the Hubert H. Humphrey Institute for Public Affairs, University of Minnesota, Minneapolis, Minnesota, May, 1984.

"Canada-U.S. Transboundary Planning Issues", An Address to the American Planning Association Annual Meeting, Minneapolis, Minnesota, May, 1984.

"Bilateral Environmental Relations", An address to the MIT Center for International Studies, Cambridge, Massachusetts, May, 1984.

"Environmental Diplomacy", An Address to a Seminar of the Kennedy School of Government, Harvard University, Cambridge, Massachusetts, April, 1984.

"Acid Rain and Bilateral Canada-U.S. Relations", An Address to the New England Environmental Conference, Tufts University Medford, Massachusetts, March, 1984.

"Transboundary Air Pollution: The U.S.-Canada Example", An Address to the New Hampshire Council on World Affairs, Concord, N.H., March, 1984.

"Strategies for Resolving the Problem of Acid Rain and Canada-U.S. Relations", An Address to the New England Chapter leadership of the Sierra Club, University of New Hampshire, December, 1983.

"The Canada-U.S. Acid Rain Debate", An Address to the UNH President's Council, University of New Hampshire, November, 1983.

"Canadian American Relations: The Promise and the Challenge", An address to the International Students Association Annual Meeting, Rockport, Maine, November, 1983.

"The Promise and the Challenge in Canadian-American Relations", Remarks with Ken Curtis to the New England Circle Symposium honoring the release of the Curtis/Carroll book, Canadian-American Relations, Washington, D.C., November, 1983.

"Acid Rain-Acid Diplomacy", A Seminar presented to the Faculty of the Department of Chemical Engineering, University of New Hampshire, October, 1983.

"Acid Rain, Coal and Canada-U.S. Relations", An address to the Purdue University Energy and Acid Rain Symposium, West Lafayette, Indiana, October, 1983.

"Toward Resolution of the Canada-U.S. Acid Rain Dispute", Paper presented to the biennial meeting of the Association for Canadian Studies in the U.S., Rockport, Maine, September, 1983.

Addressed Atlantic Center for the Environment on Eastern Canada-U.S. environmental problems, Ipswich, Massachusetts, June, 1983.

"Acid Rain, Electrical Energy, and Canada-U.S. Relations", An Address to the Canadian Electrical Association Annual Meeting, Halifax, Nova Scotia, June, 1983.

Moderated panel and addressed Center for Inter-American Relations Symposium in New York in honor of the release of my book Environmental Diplomacy, at the Americas Foundation, New York, April, 1983.

"The United States, Canada and Acid Rain", Seminar to the MIT Center for International Studies, Massachusetts Institute of Technology, Cambridge, Massachusetts, April, 1983.

"Acid Rain: An Issue in Canadian-American Relations", Luncheon address to the Boston Council on World Affairs, Boston, Massachusetts, April, 1983.

"On Canadian-American Relations and Acid Rain", An Address to the Phi Kappa Phi Banquet, University of New Hampshire, Durham, N.H., April, 1983.

"Canadian-American Relations Today", An address at Dyer Library, Saco, Maine, March, 1983.

Gave numerous interviews on acid rain to Journals, including Public Utilities Fortnightly, Chemical Business Monthly, Sierra Club Bulletin, Financial Post (Canada), etc.

Gave talks to local groups on these and related subjects.

"Quebec-United States Environmental Relations", A Paper Presented to the Colloquium on Opportunities and Problems in Quebec-U.S. Relations, Harvard University, Cambridge, Massachusetts, September, 1982.

Addressed UNH Presidents Conference on the Media, on New Hampshire-Canada Energy and Environmental Relations, New England Center, Durham, N.H., June, 1982.

Testimony to New England Congressional Caucus (Representatives Norman D'Amours and Judd Gregg) on Acid Rain and Canadian-American Relations, April, 1982

Addressed University of New Hampshire Spring Faculty Lecture Series, on "On Getting Along Together in North America: The United States, Canada and Acid Rain", Durham, N.H., April, 1982.

Invited to Address U.S. Council for International Business, New York City, on the U.S. corporation and the global environment, New York, N.Y., April, 1982.

Addressed Canadian-American Committee Semi-Annual Meeting, Salt Lake City, Utah, on "Implementing a Canada-U.S. International Air Quality Agreement", March, 1982.

Participated in Senior Business/Government Policy Seminar on Acid Rain Controls and Canada's Non-ferrous Minerals Industry, Queens University, Kingston, Ontario, February, 1982.

"New Hampshire-Canada Electricity Prospects" Remarks to the Board of Directors, New Hampshire Electrical Cooperative, Concord, New Hampshire, December 29, 1981.

"Overview of Regional Energy Perspectives", Keynote Address to the New England-Eastern Canadian Roundtable on Energy Cooperation, sponsored by the New England Governors and Eastern Canadian Premiers, Falmouth, Massachusetts, November 4, 1981.

"Environmental Ramifications of Canada-New England Energy Trade", Remarks to the Annual Meeting of the New Hampshire Energy Coalition, Concord, New Hampshire, November 1, 1981.

"Energy, Environment and Canada-U.S. Relations: An address to the Annual Meeting of the Maine Municipal Association, Portland, Maine, October 14, 1981.

"Maine and U.S.-Canada Resource Relations", Panel Presentation at Maine Municipal Association Annual Meeting, Portland, Maine, October 14, 1981.

"The Canada-U.S. Acid Rain Problem: Toward a Diplomatic Solution", Address to the semi-annual meeting of the Canadian-American Committee, Edmonton, Alberta, October, 1981.

"The U.S. - Canada Acid Rain Dispute: Obstacles to a Settlement", Paper presented to the Biennial Meeting of the Association for Canadian Studies in The United States, Michigan State University, East Lansing, Michigan, October, 1981.

"Transboundary Environmental Problems: A Major Issue in U.S.-Canada Relations" Address presented at St. Lawrence University, Canton, New York, September, 1981.

"Acid Rain and Canada-U.S. Relations" Paper presented to the Annual Meeting of the Western Social Science Association, San Diego, California, April, 1981.

"Toward a U.S. - Canada International Air Quality Agreement". Remarks to a Conference at Columbia University, New York, N.Y. April, 1981.

"Canadian-American Environmental Relations: An Update" Presentation to the C.D. Howe Research Institute Advisory Group, Toronto, Ontario, January, 1981.

"Environmental Issues in Canada-U.S. Relations". Address to the Minnesota World Affairs Council, Minneapolis, Minnesota, November, 1980.

"Acid Rain: A North American Issue" Paper presented to the semi-annual meeting of the Canadian-American Committee, Halifax, Nova Scotia, October, 1980.

"The Role of Acid Precipitation in Canada-U.S. Relations" Paper presented to the University of Massachusetts Medical School Acid Precipitation Conference, Worcester, Massachusetts, May, 1980.

Organized and chaired Panel on "Canada-U.S. Environmental Relations in the West" at Annual Meeting of Western Social Science Association, Albuquerque, New Mexico, April, 1980.

Keynote address at UNH-DCE Canada-U.S. Trade Seminar, Durham, N. H., April, 1980.

"Canadian-American Environmental Relations: An Overview". Presentation to the C.D. Howe Research Institute Advisory Group, Montreal, Quebec. April, 1980.

Presented the Keynote Address, "Energy Generation: The Roots of Conflict or of Cooperation?" and an Address on U.S.-Canada Energy Relations at the Action Alliance Conference on U.S.-Canada Relations, Portland, Maine, Nov., 1979.

Organized and chaired a panel discussion on a U.S.-Canada International Air Quality Agreement at the Action Seminar on Acid Precipitation, Toronto, Ontario, November 1979.

Association for Canadian Studies in the United States, Organized and moderated a panel discussion on U.S.-Canada Environmental Relations at ACSUS Biennial Meetings, Washington, D.C., September, 1979.

Panelist on "The Regional Dimensions of Energy Planning in New England" at the American Society for Public Administration Annual Conference, Portland, Maine, October, 1979.

"Present Patterns and Future Needs for Reform in the IJC", Paper presented to the Conference to Commemorate the 70th

Anniversary of the International Joint Commission, University of Toronto, Toronto, Ontario, June, 1979.

Addressed Canadian Nature Federation, Montreal, Quebec, Presented a paper on U.S.-Canada Transboundary Environmental Problems at CNF Annual meeting, Montreal, Quebec, June, 1979.

Canadian Water Resources Association, Ottawa, Ontario. Presented paper on Differences in the Environmental Regulatory Climate in the U.S. and Canada to the Annual Meeting of the Canadian Water Resources Association, Ottawa, May, 1979.

Duke University Center for Canadian Studies, Durham, North Carolina, Chaired a seminar on U.S. Dependency on Canadian Natural Resources: Extent and Significance, April, 1979.

National Planning Association, Canadian-American Committee, Washington, D.C. Biennial Meeting at New York to present a paper on "Current Issues in U.S.-Canada Environmental Relations" to Semi-Annual Meeting of the National Planning Association, March, 1979.

International Joint Commission, Windsor, Ontario. Organized and chaired a workshop on Anticipatory Planning Related to the Great Lakes Water Quality Agreement, Windsor, Ontario, March, 1979.

"International Peace Parks: A Concept and A Proposal" - Paper presented to the Canadian Conference on National Parks, Banff National Park, Alberta, October, 1978.

"United States-Canada Transboundary Environmental Problems and Structures for Their Resolution" - Paper presented in draft to the Duke University Canadian Studies Seminar, Durham, North Carolina, April, 1978, and in final form at the Duke Seminar in Canadian Studies at the Royal Military College, Kingston, Ontario, June, 1978.

"Canadian American Studies in Natural Resource and Environmental Programs - A Neglected Opportunity" - Paper presented to the Canadian Association of Geographers Annual Meeting, University of Western Ontario, London, Ontario, May, 1978.

"The Boundary and the Environment: A Conservationist's Perspective" - Paper presented to the 4th Biennial Conference of the Association for Canadian Studies in the U.S., Burlington, Vermont, October, 1977.

MAJOR GRANTS

AES Hatch project grant for Aldo Leopold/Land Ethics/Sustainable Agriculture Project - \$15,000 (3 yrs.)

Center for Respect of Life and Environment (CRLE), Washington, D.C. – Grant for \$20,000 to fund Soul of Agriculture Conference at UNH.

UNH Office of Sustainability Programs (OSP) – c. \$12,000 for Soul of Agriculture Conference at UNH.

Further Soul of Agriculture program grants are committed by CRLE and OSP for calendar year 2002. Figures are not yet available. A second Soul of Agriculture Conference is planned at UNH in November, 2002.

Farrington Fund (UNH) Sabbatical Leave Grants, Spring, 2000 and Fall, 2000.

UNH Office of Sustainability Programs Grant (through CRLE) to support Soul of Agriculture work on Sabbatical, September, 2000.

Swedish Government Research Study Grant on Sustainability Models in Sweden, May, 2000.

UNH Hubbard Endowment Grant

UNH Alumni Association Grant

Templeton Foundation Workshop Grant (Science and Religion) at Oxford University.

Farrington Travel Grant to U.K. Council on Greening of Higher Education.

UNH Vice Presidents Discretionary Research Fund.

Farrington Sabbatical Grant.

British Embassy Travel Grant 1992.

University of New Hampshire Humanities Center and Center for International Affairs, 1990, 1991, 1992.

University of New Hampshire Faculty Development Grants, 1988, 1990, 1992.

University of New Hampshire College of Life Science and Agriculture Travel Grant, April, 1988.

University of New Hampshire Humanities Program Grant, January, 1988.

James River Corporation (G.B. Papers, Scotland, U.K.) - Grant to support international environmental research in the U.K. and European Community, October, 1987.

University of New Hampshire Summer Faculty Fellowship to support summer sabbatical activity in Europe, May, 1987.

University of New Hampshire, Farrington Fund Sabbatical Support Grant, March, 1987.

James River Corporation, Richmond, Virginia Grant to support international efforts in support of teaching and academic programs. September, 1985.

University of New Hampshire - Faculty Development Grant to travel to Scotland, to develop seminar and institutional collaboration with the University of Aberdeen, Scotland.

Government of Canada, Department of External Affairs - Grant to cover publication of conference proceedings, Pollution Across Borders. March, 1985.

Continental Oil Company (CONOCO), Wilmington, Delaware - To continue support of research and teaching in Canada-U.S. natural resource and environmental relations. January, 1985.

German Marshall Fund of the United States. Travel Grant to present a paper to Strategies for Environmentally Sound Development in the Mining and Energy Industries: A Management Seminar, Chania, Greece, July, 1984.

Continental Oil Company (CONOCO), Stamford, Connecticut - to UNH for research support, April, 1983.

Continental Oil Company (CONOCO), Stamford, Connecticut-to UNH for research support, May, 1982.

Kellogg Foundation National Fellowship, March, 1982.

Continental Oil Company (CONOCO), Stamford, Connecticut-To continue support of research and teaching in Canada-U.S. natural resource and environmental relations. July, 1981.

National Planning Association, Washington, D.C. To write a book on the role of acid rain in Canada-U.S. relations, October, 1980.

C.D. Howe Research Institute, Montreal, Quebec. One year Sabbatical leave grant to write and publish a book on U.S.-Canada environmental relations. December, 1979.

C.D. Howe Research Institute, Montreal, Quebec, To write a monograph on The Garrison Diversion Issue in Canada-U.S. Environmental Relations, March, 1979.

University of New Hampshire-To cover the costs of publishing the U.S.- Canada Symposium Proceedings. June, 1978.

Duke University-Canadian Studies Program. To participate in two week Canadian Studies Seminar at Royal Military College, Kingston, Ontario, June, 1978.

Tennessee Gas Transmission Company (TENNECO), Houston, Texas-To continue the support of U.S.-Canada energy relations teaching and research. June, 1978.

Government of Canada, Department of External Affairs - To support the U.S.- Canada Symposium on Environmental and Natural Resource Issues, April, 1978.

World Peace Foundation, Boston, Massachusetts. To write a chapter on U.S.- Canada Environmental Relations for Vol. III of a 3 volume series of books on the Role of Natural Resources in U.S.-Canada Relations. November, 1977.

United States Embassy, Ottawa, Canada - To support the U.S.-Canada Symposium on Environmental and Natural Resource Issues, October, 1977.

Tennessee Gas Transmission Company (TENNECO), Houston, Texas - To support teaching and research on U.S.-Canada energy relations. June, 1977.

U.S. State Department, Office of Canadian Affairs-Scholar-Diplomat Fellowship at State Department, February, 1977.

Government of Canada, Department of External Affairs-Faculty Enrichment Grant to research Canadian-American Natural Resources Issues and Transboundary Environmental Problems. January, 1977.

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