

RESUME

NAME: **Carlisle Ford Runge**

TITLE AND CURRENT ADDRESS

Distinguished McKnight University Professor of Applied Economics and Law
Department of Applied Economics
University of Minnesota
St. Paul, Minnesota 55108

Professor
University of Minnesota School of Law

Fellow, University of Minnesota, Institute on the Environment (IonE)

Adjunct Professor
Department of Forest Resources

DATE OF BIRTH: March 7, 1953, Madison, Wisconsin, USA
CITIZENSHIP: United States
RESIDENCE: 901 Pine Street West
 Stillwater, MN 55082

FAMILY STATUS: Married to Susan A. Mackenzie
 One daughter, Elizabeth
 One son, Carl

ACADEMIC BACKGROUND

University of Wisconsin, Ph.D., Agricultural Economics, 1981
University of Wisconsin, M.A., Agricultural Economics, 1980
Oxford University (Rhodes Scholar), M.A., Politics and Economics, 1977
Duke University, Institute for Policy Science and Public Affairs, 1975
University of North Carolina, B.A., American Studies, 1974

YEARS ON MINNESOTA FACULTY: Since July, 1983

Assistant Professor, 1983-1986
Associate Professor, 1986-1992
Professor, 1992-present
Distinguished McKnight University Professor, 1998-present

PROFESSIONAL HONORS RECEIVED

Fellow, Institute on the Environment, University of Minnesota, 2010-present.
American Agricultural Economics Association 2007 Award for Outstanding *Review of Agricultural Economics* Article, "An Empirical Analysis of and Policy Recommendations to Improve the Nutritional Quality of School Meals," *Review of Agricultural Economics* 29(4)(Winter 2007):672-688.
American Agricultural Economics Association, 2004 Publications Award for Quality of Communication (with Ben Senauer, Philip Pardey and Mark Rosegrant), for *Ending Hunger in Our Lifetime: Food Security and Globalization* (Johns Hopkins University Press), 2003.
American Agricultural Economics Association, Distinguished Policy Contribution, Honorable Mention, 1998
American Agricultural Economics Association 1993 Publication Award for Outstanding Communication (with Willard W. Cochrane), for *Reforming Farm Policy: Toward a National Agenda* (Iowa State University Press), 1992.
Fulbright Scholar - Western Europe, 1991
Member, Gamma Sigma Delta, Honor Society of Agriculture, 1989
Member, Council on Foreign Relations, 1988-
Bush Leadership Fellowship, 1987
Council on Foreign Relations, International Affairs Fellowship, and Ford Foundation Economist, 1986
Governor's Commendation for Volunteer Service, 1985
American Association for the Advancement of Science, Science and Diplomacy Fellowship, 1983
Rhodes Scholarship, 1975
Phi Beta Kappa, 1974

PROFESSIONAL EXPERIENCE

Director, Center for International Food and Agricultural Policy, University of Minnesota, 2003-2007.

Distinguished McKnight University Professor, Department of Applied Economics; Professor, School of Law; Adjunct, Hubert H. Humphrey Institute of Public Affairs and Department of Forest Resources. Member of faculty since July 1983 - present (permanent tenure granted May 1986).

Co-chairman and organizer, Study Group on Trade, Science and Genetically Modified Organisms. Council on Foreign Relations, New York. 2000-2001.

Consultative Director, Agricultural Sector, NAFTA Effects Project. North American Commission on Environmental Cooperation. Montreal, Quebec, Canada. 1995-98.

Co-chairman, Study Group on Trade and Environment, Council on Foreign Relations, New York. 1992-93.

Fulbright Scholar, Western Europe, 1991. Sabbatical leave taken at the University of Padova (Italy) and the Institut National Recherche Agronomique (INRA), Dijon (France).

Director, Center for International Food and Agricultural Policy, University of Minnesota, 1988-91.

Special Assistant to U.S. Ambassador Michael Samuels, Deputy U.S. Trade Representative, General Agreement on Tariffs and Trade (GATT), 1-3 Ave. de la Paix, 1202 Geneva, Switzerland - August, 1987-September, 1988. Work supported by Council on Foreign Relations, Ford Foundation, and Bush Foundation (see "Professional Honors" above).

American Association for the Advancement of Science (AAAS), Science and Diplomacy Fellow, Washington, D.C., worked in the Science and Technology Bureau, U.S. Agency for International Development, January-July, 1983.

University of North Carolina-Chapel Hill, Assistant Professor, Public and Environmental Policy, Department of Political Science, September, 1981 - January, 1983. Adjunct, Department of Forestry, Duke University.

University of Wisconsin, Research Assistant, Department of Agricultural Economics, September, 1977 - August, 1981; reviewer and editorial assistant, *Land Economics*, 1980.
World Bank, Division of Agriculture and Rural Development, Research Assistant, June - September, 1979.

U.S. Congress, House of Representatives, Committee on Agriculture, Staff Member, to Chairman Thomas S. Foley, 1976.

Duke University, Institute for Policy Science and Public Affairs, Research Assistant, Rockefeller Grant Project on American rural development policy and agricultural legislation since 1933, August, 1974 - June, 1975.

University of North Carolina-Chapel Hill, President of Student Body, March 1973 - March 1974. Ex Officio member, UNC Board of Trustees.

U.S. Congress, Senate, Office of Senator Gaylord Nelson, Intern, June - August, 1972.

DEPARTMENTAL COMMITTEES

Graduate Program Admissions Committee
Priorities Committee
Promotion and Tenure Committee
Undergraduate Committee
Social Committee
Awards Committee

UNIVERSITY-WIDE AND COMMUNITY SERVICE

Director, Center for International Food and Agricultural Policy, 1988-91; 2003-2007
Finance and Planning Committee, 1991-93
Graduate Research Advisory Committee, 1986-95

CONSULTANCIES

Syngenta, 2001-2011
Center for Biotechnology Information, 2002-2005
Conservation International for McDonald's Corporation, 2001
International Food Policy Research Institute (IFPRI) (Washington, DC), 1999-2001

Food and Agriculture Organization (Rome), 1991-92
Organization for Economic Cooperation and Development (Paris), 1991-92, 1995-96
National Corn Growers, 1991
Dames and Moore, Environmental consultants, 1991-92
Ford Motor Company, 1992-93
Environmental Defense Fund, 1993-
Association of American Railroads, 1993-94
World Wildlife Fund (Washington, D.C.), 1996-
Commission on Environmental Cooperation (Montreal), 1996-2001
Monsanto, 1996-98
Internal Revenue Service 1996-97
World Resources Institute (Washington, D.C.), 1996-97

BOARD MEMBERSHIP

Land O' Lakes, 1994-99
Lemna Corporation, 1995-96
Great Plains Institute for Sustainable Development, 1997-99

LEGAL CONSULTANCIES – Expert Witness

Amicus Curiae Brief. Supreme Court of the United States. June, 2016. Joseph P. Murr, et al. (Petitioners) v. State of Wisconsin and St. Croix County, et al. (Respondents). Brief of Carlisle Ford Runge, Daniel W. Bromley, Jay Coggins, David E. Ervin, Noelwah R. Netusil, Raymond B. Palmquist, and R. William Provencher as *Amici Curiae* in Support of Respondents. Argument: Economic Theory Predicts that Regulatory Restrictions Will Have Both Negative and Positive Effects on the Value of Regulated Private Lands. No. 15-214. June 2016.

Oppenheimer, Wolff and Donnelly for Aon Risk Services. Defendant in Suit filed by Archer Daniels Midland over damages of the 1993 flood and corn prices.

Simpson, Thatcher and Bartlett for the Ford Motor Company-International. Arbitration over Fiat acquisition of Ford-New Holland tractors.

Lockridge, Grindal, Nauen. Plaintiff in Class Action Suit on behalf of corn growers injured by Aventis Starlink corn.

PUBLICATIONS

Books and Published Monographs

“Investment in research is crucial in the quest to ensure food security,” in *G20 – The Cannes Summit*, November 2011, pp. 198-199.

Can Economic Growth Be Sustained? The Collected Papers of Vernon W. Ruttan and Yujiro Hayami. Edited by Keijiro Otsuka and C. Ford Runge. Oxford University Press, Sept. 2011.

“Supporting the new green revolution: are politics properly targeted?” in *G8 & G20 Canadian Summits*, June 2010, pp. 245-247.

“Food Security and the Biofuels Challenge,” in *G20 – The Pittsburgh Summit*, September 2009.

Runge, C. Ford. “Biofuels: what path forward?” *G20*, Sao Paulo, Brazil. November 2008, pp. 79-82.

Ending Hunger in Our Lifetime: Food Security and Globalization (with Ben Senauer, Philip Pardey and Mark Rosegrant). Johns Hopkins University Press for International Food Policy Research Institute. Spring 2003. Winner of the Annual Award for Outstanding Communication, American Agricultural Economics Association, 2004.

The History, Trade and Environmental Consequences of Corn (Maize) Production in the United States. A study conducted for the World Wildlife Fund (WWF). September 15, 2002.

Sustaining a Revolution: A Policy Strategy for Crop Engineering (with David G. Victor), New York: Council on Foreign Relations. 2002.

Sustainable Trade Expansion in Latin America and the Caribbean: Analysis and Assessment (with Eugenio Cap, Paul Faeth, Patricia McGinnis, Demetri Papageorgiou, James Tobey, and Robert Housman), Washington, DC: World Resources Institute, August 1997.

Freer Trade, Protected Environment: Balancing Trade Liberalization and Environmental Interests (with François Ortalo-Magné and Philip Vande Kamp), New York: Council on Foreign Relations Press, 1994.

Reforming Farm Policy: Toward a National Agenda (with Willard W. Cochrane), Ames: Iowa State University Press, 1992. Winner of the Annual Award for Outstanding Communication, American Agricultural Economics Association, 1993.

Policy Coordination in World Agriculture (H. von Witzke, C. F. Runge, and B. Job, editors), Wissenschaftsverlag Vauk, Kiel, Germany, 1989.

Making Soil and Water Conservation Work: Scientific, State and Federal Policy Perspectives (D. Halbach, C. F. Runge, and W. Larson, editors), Madison, Wisconsin, Soil Conservation Society of America, 1987.

Institutional Innovation in the Common Agricultural Policy of the European Community (with Harald von Witzke), Wissenschaftsverlag Vauk, Kiel, Germany, 1986.

The Future of the North American Granary: Politics, Economics, and Resource Constraints in North American Agriculture (C. F. Runge, editor), Ames, Iowa, Iowa State University Press, 1986.

JOURNAL ARTICLES (BY AREA)

Trade, Agriculture and General Policy Analysis

“Cost-Effectiveness of MRI-Based Identification of Presymptomatic Autism in a High-Risk Population,” (with Ian Williamson, Jed T. Elison and Jason Wolff). *Frontiers in Psychiatry* 11:60.

“Hunger as a Weapon of War: Hitler’s Hunger Plan, Native American Resettlement and Starvation in Yemen,” (with Linnea Graham). *Food Policy: Viewpoint*, January 2020. Available online 4 February 2020. <https://doi.org/10.1016/j.foodpol.2020.101835>

Gollust, Sarah E, Xuyang Tang, Carlisle Ford Runge, Simone A French, and Alexander J Rothman. 2018. “The Effect of Proportional v. Value Pricing on Fountain Drink Purchases: Results from a Field Experiment.” *Public Health Nutrition*, 21(13)(Sept. 2018): 2518-2522. **Available at:** <https://doi.org/10.1017/S1368980018001143>

“The Soda Solution” (with Carlisle Piehl Runge). *The American Interest*, September 16, 2016.

“Young Adults' Responses to Alternative Messages Describing a Sugar-Sweetened Beverage Price Increase” (with Sarah E. Gollust, Xuyang Tang, James M. White, Simone French, Carlisle Ford Runge, and Alexander J. Rothman). *Public Health Nutrition* 28(July 2016):1-7.

“Are we in this together? Risk bearing and collective action” (with Justin Johnson). *Journal of Natural Resources Policy Research* 6(1)(2014): 71-76.
http://www.tandfonline.com/doi/full/10.1080/19390459.2013.869034#.Uu_WsLQIPk8

“All You Can Eat.” *The American Interest*, Autumn (Sept./Oct.)(2013): 72-75.

“Treadmill Desks: A One-Year Prospective Trial” (with Gabriel Koepp, Chinmay Manohar, Shelly McCrady-Spitzer, Avner Ben-Ner, Darla Flint-Paulson and James Levine). *Obesity* 21(4): 705-711, April 2013. Accepted Article, doi: 10.1002/oby.20121.

“The Stimulus Effects of Employment Programs for Minnesota’s Citizens with Disabilities: A Case Study of Merrick, Inc.” *Disability Studies Quarterly* 32(3)(2012).
<http://dsq-sds.org/article/view/1749/3097>

“Obesity Overtaken by Leanness as a Repeated Game: Social Networks and Indirect Reciprocity,” (with Erik Nelson, Carlisle Piehl Runge and James Levine). *Environmental Economics* 3(1)(2012): 8-22. http://businessperspectives.org/journals_free/ee/2012/ee_2012_1_Runge.pdf or http://businessperspectives.org/component/option,com_journals/task,issue/id,196/jid,9/Itemid,74/Itemid,74/

“Better Milk than Cola: Soft Drink Taxes and Substitution Effects,” (with Justin Johnson and Carlisle Piehl Runge). *Choices*, 3rd Quarter 2011, 26(3).

“Should Soft Drinks be Taxed More Heavily?” *Choices*, 3rd Quarter 2011, 26(3).

“A Response to Mairon G. Bastos Lima. *Melbourne Journal of International Law (Opinio Juris)* Feb. 12, 2010. Available online: <http://opiniojuris.org/2010/02/12/a-response-to-mairon-g-bastos-lima-by-c-ford-runge/>

“The Dismal State of Biofuels Policy,” (with Robbin S. Johnson). *Issues in Science and Technology* 27(1)(Fall 2010): 31-33.

“Against the Grain: Why Failing to Complete the Green Revolution could Bring the Next Famine” (with Carlisle Piehl Runge). *Foreign Affairs* 89(1)(Jan./Feb. 2010):8-14.

“Biofuel: corn isn’t the king of this growing domain.” *Nature* 450(7169)(Nov. 22, 2007): 478.

“Ethanol: Train Wreck Ahead?” (with Robbin S. Johnson). *Issues in Science and Technology* 24(1)(Fall)(2007): 25-30.

“Food for Fuel?” (with Benjamin Senauer). *Foreign Affairs* 86(5)(Sept./Oct. 2007): 157-162. (“Myth versus Reality”, by Tom Daschle.)

“The Economic Consequences of the Obese.” *Diabetes* 56(2007): 2668-2672.

“Nutritional Improvements and Student Food Choices in a School Lunch Program,” (with Corbett Grainger and Benjamin Senauer). *The Journal of Consumer Affairs* 41(2)(2007): 265-284.

“An Empirical Analysis of and Policy Recommendations to Improve the Nutritional Quality of School Meals,” (with Barb Wagner and Ben Senauer). *Review of Agricultural Economics (RAE)* 29(4)(2007): 672-688. (Voted Outstanding 2007 RAE Article.)

“Agriculture of Corruption.” *The American Interest* 2(3)(Winter-Jan/Feb 2007): 70-78.

“Exclusion, Inclusion and Enclosure: Historical Commons and Modern Intellectual Property,” (with Edi Defrancesco). *World Development* 34(10)(2006): 1713-1727.

“Agrivation: The Farm Bill from Hell.” *The National Interest* 72(Summer 2003): 85-93.

“National Security and Bioterrorism: A U.S. Perspective.” Working Paper WP02-7. St. Paul, MN: University of Minnesota, Center for International Food and Agricultural Policy, 2002. <http://agecon.lib.umn.edu/mn/wp02-07.pdf>

“Farming the Genetic Frontier,” (with David G. Victor). *Foreign Affairs* 81(3)(May/June 2002): 107-121.

“Institutional Innovation in International Governance to End Hunger.” *American Journal of Agricultural Economics* 84(3) (August 2002): 839-844.

“Differing U.S. and European Perspectives on GMOs: Political, Economic and Cultural Issues.” (with Bagnara, Gian-Luca and Jackson, Lee Ann.) *The Estey Centre Journal of International Law and Trade Policy* 2(2, Summer 2001): 221-234.

“A Global Environment Organization (GEO) and the World Trading System,” *Journal of World Trade* 35 (4, August) 2001: 399-426.

“Negative Labeling of Genetically Modified Organisms (GMOs): The Experience of rBST” (with Lee Ann Jackson), *AgBioForum* 3 (1)(2000): 310-14.

“Labelling, Trade and Genetically Modified Organisms: A Proposed Solution” (with Lee Ann Jackson), *Journal of World Trade* 34(1)(February 2000): 111-122.

“A Removable Feast” (with Ben Senauer), *Foreign Affairs* 79(3)(May/June 2000): 39-51. Reprinted in *The New Trade Agenda*, Foreign Affairs Editor’s Choice Series (A Council on Foreign Relations Book), Jan. 2004.

“A Conceptual Framework for Agricultural Trade and the Environment: Beyond the ‘Green box’,” *Journal of World Trade* 33(6)(December 1999): 47-68.

“Resolving Transboundary Pollution Externalities by Linkage to Trade” (with Grant Hauer), *Canadian Journal of Agricultural Economics* 45(4)(December 1997): 393-402.

"Agricultural Policy Reform in the United States: An Unfinished Agenda" (with Kimberly Stuart), *Australian Journal of Agricultural and Resource Economics* 41(1)(March 1997). New South Wales, Australia.

"Trends and Developments in United States Agricultural Policy: 1993-1995" (with Philip Vande Kamp), *Review of Marketing and Agricultural Economics* 62(3)(December 1994). New South Wales, Australia.

"Economic Implications of Wider Compensation for 'Takings' or, What if Agricultural Policies Ruled the World?" *Vermont Law Review* 17(3)(Spring 1993).

"GATT and the Environment: Policy Research Needs" (with Courtney Harold), *American Journal of Agricultural Economics* 75 (August 1993).

"Agricultural Policy Developments in the United States: 1991-1993" (with Philip Vande Kamp), *Review of Marketing and Agricultural Economics* 60(3)(December 1992). New South Wales, Australia.

"A Policy Perspective on the Sustainability of Production Environments: Towards a Land Theory of Value (Eine Politikperspektive über die Nachhaltigkeit produktiver Umwelten: Überlegungen zu einer Landwert-Theorie)," *Quarterly Journal of International Agriculture* 31(2)(April-June 1992).

"Canada and the U.S.: Relative Competitiveness of Selected Agri-food Industries" (with Larry C. Martin and Erna van Duren), *Canadian Journal of Agricultural Economics*, 38(4): pt. 2, December 1990.

"The 1990 Farm Bill and the Uruguay Round," *American Journal of Agricultural Economics* 73 (3), August 1991.

"Trade Protectionism and Environmental Regulations: The New Nontariff Barriers," *Northwestern Journal of International Law and Business* 11(1)(Spring 1990). Northwestern University School of Law.

"American Agricultural Policy and the 1990 Farm Bill" (with Laurie Erdman), *Review of Marketing and Agricultural Economics* 58(2,3)(August, December 1990). New South Wales, Australia.

"Export Demand, U.S. Farm Income, and Land Prices: 1949-1985" (with Daniel Halbach), *Land Economics* 66(2), May 1990.

"Institutional Choice in the Common Agricultural Policy and European Community Enlargement," *American Journal of Political Science*, (with Harold von Witzke) Vol. 34, No. 1, (1990).

"Trade in Disservices: Environmental Regulation and Agricultural Trade" (with Richard Nolan), *Food Policy*, February 1990.

"The Assault on Agricultural Protectionism," *Foreign Affairs* 67:1 (Fall, 1988). (Reprinted in *Economic Impact* [1989, No. 66, pp. 4-11]; and in *The American Oxonian* [Winter 1989, Vol. LXXVI, No. 1, pp. 12-23].)

"The Political Economy of the Uruguay Round Negotiations: A View from Geneva" (with G. Stanton), *American Journal of Agricultural Economics* 70:5 (December, 1988).

"Neopopulism and the New Agriculture" (with Daniel Halbach), *Review of Marketing and Agricultural Economics*, New South Wales, Australia, 55:2 (August, 1987).

"Institutional Change in the Common Agricultural Policy of the European Community" (with Harald von Witzke), *American Journal of Agricultural Economics* 69:2 (May, 1987). Reprinted in Spanish, "El cambio institucional en la Política Agrícola Común de la Comunidad Europea," in *Análisis institucional de las políticas agrarias: Conflictos de intereses y política agraria*, J. M. Avlarez-Coque (ed.), Ministerio de Agricultura, Pesca y Alimentación, Madrid, Spain, 1991, pp. 317-340.

"Sales Tax on Food Can Pay for Farm Programs" (with Daniel Halbach), *Choices* 2:1 (First Quarter, 1987).

"Obstacles and Opportunities Confronting U.S. Agriculture in World Markets," *Journal of Agribusiness* 4:1 (February, 1986).

"Shifting Foundations of Agricultural Policy Analysis: Welfare Economics When Risk Markets are Incomplete" (with Robert J. Myers), *American Journal of Agricultural Economics* 67:5 (December, 1985).

"The Relative Contribution of Demand and Supply to Instability in the U.S. Corn Market" (with Robert J. Myers), *North Central Journal of Agricultural Economics* 7:1 (January, 1985).

"The Future of the North American Granary," *Environment* 26:8 (September, 1984).

"Institutional Innovation and Technical Change in American Agriculture: The Role of the New Deal" (with Kenneth R. Farrell), *American Journal of Agricultural Economics* 65:5 (December, 1983).

"Three Dimensions of U.S. Agricultural Policy" (with Kenneth R. Farrell), *Policy Research Notes* (November, 1983).

"American Agricultural Assistance and the New International Economic Order," *World Development*, 5:8 (1977): 725-746.

Land Use and Global Environmental Policy

"Global Food Demand and Carbon-Preserving Cropland Expansion under Varying Levels of Intensification," (with Justin Johnson, Benjamin Senauer and Stephen Polasky). *Land Economics*, 92(4)(November 2016): 579-592, Nov. 2016.

"The Case Against More Ethanol: It's Simply Bad for Environment." *Yale Environment* 360, May 25, 2016.

"Food and Carbon to 2050," (with Justin Johnson). *Minnesota Applied Economist* 726(Summer 2015): 4-5. Available at: <http://ageconsearch.umn.edu/handle/206564>.

"The Global Landscape, Agriculture and Climate Change," (with Justin Johnson and Benjamin Senauer). *Agribusiness Paesaggio & Ambiente* 17(1)(March 2014).

"Global Agriculture and Carbon Trade-offs," (with Justin Johnson, Benjamin Senauer, Jonathan Foley and Stephen Polasky). *Proceedings of the National Academy of Sciences*, July 10, 2014. <http://www.pnas.org/content/111/34/12342>.

"Assessing the Comparative Productivity Advantage of Bioenergy Feedstocks at Different Latitudes," (with John Sheehan, Benjamin Senauer, Jonathan Foley, James Gerber, Justin Johnson, Stephen Polasky, Carlisle Piehl Runge). *Environmental Research Letters*, 7(4)(2012) 045906. IOP Publishing. Open Access <http://iopscience.iop.org/1748-9326/7/4/045906>.

"The Theory and Practice of Performance Indicators for Sustainable Food Security: A Checklist Approach," (with Juan Gonzalez-Valero). *Environmental Economics* 2(4)(2011): 7-16. http://businessperspectives.org/journals_free/ee/2011/ee_2011_4_Runge.pdf
Also posted in the University of Minnesota, Institute on the Environment's *Momentum* magazine, Noteworthy section (Eye on Earth) at <http://blog.lib.umn.edu/ione/eyeonearth/>.

"The Browning of Biofuels: The Political Economy of Policy Failure." *World Politics Review* (February 16, 2010): 9-11.

"Introduction," (with Calestous Juma and Robbin Johnson). Special Issue on The Future of Biofuels and National Energy Strategy: A US Perspective." *International Journal of Biotechnology* 11(1/2)(October 2009). (Also Guest Editor.)

"Guarding the Guardians: Enforcement in the Commons." *Journal of Natural Resources Policy Research* 1(3)(July 2009): 275-281.

“How Ethanol Fuels the Food Crisis.” *Foreign Affairs* (May 28, 2008) (foreignaffairs.org) (update to the May/June 2007 essay, “How Biofuels could Starve the Poor”)

“Factors Affecting Farmers’ Participation in Agri-Environmental Measures: A Northern Italian Perspective.” *Journal of Agricultural Economics* 59(1)(January 2008): 114-131.

“How Biofuels Could Starve the Poor,” (with Benjamin Senauer). *Foreign Affairs* 86(3): (May-June 2007): 41-53. Published as “Cómo los biocombustibles pueden matar de hambre a los pobres” in *Foreign Affairs En Espanol* 7(3)(2007): 75-90. Appearing, translated into Chinese and published as “Biofuel and Poverty,” in *International Social Science Journal* (2008 Chinese additional edition), funded by UNESCO/Chinese Academy of Social Science, pp. 99-106.

“Re-Examining the Production Tax Credit for Wind Power: An Assessment of Policy Options,” (with Douglas Tiffany). A report prepared for Fresh Energy, St. Paul, MN, January 1, 2007.

“Enclosure, Intellectual Property and Life Sciences Research.” *The Journal of World Intellectual Property* 7(6)(2004): 807-827.

“Wisconsin’s Northern Pineries: A Narrative Economic History.” An essay in honor of Professor Danilo Agostini, University of Padova, presented at the 8th U.S.-Italian Research Conference, Stouts Lodge, Minekata, Wisconsin. August 25-28, 2002.

“The Congressional Budget Office's Regulatory Takings and Proposals for Change: One-Sided and Uninformed” *Environmental Law and Practice*, v.7, no.2, Fall 1999, pp. 5-17, 1999.

"Trade-Environment Linkages in the Resolution of Transboundary Externalities" (with Grant Hauer), *The World Economy* 22:1 (January 1999): 25-39.

"Agriculture and the Environment: A New Strategic Vision" (with David E. Ervin, Elisabeth A. Graffy, Willis E. Anthony, Sandra S. Batie, Paul Faeth, Tim Penny, and Tim Warman), *Environment* 40(6): 9-15, 35-40 (July/August 1998): 8-15. Reprinted in *The Economics of Agri-Environmental Policy*, Vol. I, Sandra Batie and Richard Horan, eds., Michigan State University, 2004, pp. 3-15.

"The Emergence and Evolution of Collective Action: Lessons from Watershed Management in Haiti" (with T. Anderson White), *World Development*, 23:10 (October 1995): 1683-1698.

"Common Property and Collective Action: Lessons from Cooperative Watershed Management in Haiti" (with T. Anderson White), *Economic Development and Cultural Change*, 43:1 (October 1994).

"Trade Liberalization and Environmental Quality in Agriculture," *International Environmental Affairs* 5:2 (Spring, 1993).

"Environmental Risk and the World Economy," *The American Prospect*, No. 1, (Spring 1990).

"Commercio Agricolo e Negoziati GATT" (with Steve Taff), *Scenari*, Vol. 2, No. 2, (First Trimester 1990).

"Induced Agricultural Innovation and Environmental Quality: The Case of Groundwater Regulation," *Land Economics* 63(3): 249-58 (August, 1987). Reprinted in *The Economics of Agri-*

Environmental Policy, Vol. I, Sandra Batie and Richard Horan, eds., Michigan State University, 2004, pp. 115-124.

"Toward an Economic Model of Deforestation and Social Change in Amazonia" (with D. Southgate), *Ricerche Economiche* (Venice, Italy, 1986).

"Foresight and Expectations in Models of Natural Resource Markets" (with T. Graham-Tomasi and W. F. Hyde). *Land Economics* 62:3 (August, 1986).

"Common Property and Collective Action in Economic Development," *World Development* 14:5 (1986): 623-635.

"Using Productivity Measures to Target Conservation Programs: A Comparative Analysis" (with William E. Larson and G. Roloff), *Journal of Soil and Water Conservation* 41:1 (January - February, 1986).

"The Innovation of Rules and the Structure of Incentives in Open Access Resources," *American Journal of Agricultural Economics* 67:2 (April, 1985).

"Strategic Interdependence in Models of Property Rights," *American Journal of Agricultural Economics* 66:5 (December, 1984).

"Rejoinder: Looking Again at the New Resource Economics," in "An Exchange on Privatization," *Journal of Contemporary Studies* 7:2 (Spring, 1984).

"The Fallacy of 'Privatization'," *Journal of Contemporary Studies* 7:1 (Winter, 1984).

"Institutions and the Free Rider: The Assurance Problem in Collective Action," *Journal of Politics* 46:1 (February, 1984):154-181.

"Energy Exploration on Wilderness: Privatization and Public Lands Management," *Land Economics* 60:1 (February, 1984).

"Risk Assessment and Environmental Benefits Analysis," *Natural Resources Journal* 23 (July, 1983). Reprinted in *Statistics in Litigation*, Richard A. Wehmhoefer (ed.), McGraw Hill, 1985.

"Common Property Externalities: Isolation, Assurance and Resource Depletion in a Traditional Grazing Context," *American Journal of Agricultural Economics* 63:4 (November, 1981): 595-606.

"Common Property Externalities: Isolation, Assurance and Resource Depletion in a Traditional Grazing Context: Reply," *American Journal of Agricultural Economics* 64:4 (November, 1982): 785-788.

"Property Rights and the First Economic Revolution: The Origins of Agriculture Reconsidered," (with Daniel W. Bromley). Working Paper No. 13. Center for Resource Policy Studies, School of Natural Resources, College of Agricultural and Life Sciences, University of Wisconsin: Madison. January, 1979.

Chapters in Books

“Exclusion, Inclusion and Enclosure: Historical Commons and Modern Intellectual Property,” (with Edi Defrancesco). Three-volume set, *The Political Economy of Intellectual Property Rights*, Christopher May (ed.). Fall 2010.

“The Climate Commons and a Global Environmental Organization,” (Chapter 6), in *Climate Change, Trade and Competitiveness: Is a Collision Inevitable?* L. Brainard and I. Sorkin (eds.), Brookings Institution Press, 2009.

Runge, C. Ford. "agricultural economics." Invited entry to *The New Palgrave Dictionary of Economics*. Second Edition. Eds. Steven N. Durlauf and Lawrence E. Blume. Palgrave Macmillan, 2008. The New Palgrave Dictionary of Economics Online. Palgrave Macmillan. 25 June 2008.

“Multilateral Environmental Agreements (MEA’s): Which Way Forward?” Prepared for *The Princeton Encyclopedia of the World Economy*. K. Reinert and R. Rajan (eds.), Princeton University Press, 2008.

“Sustainability and Enclosure: Land, Intellectual Property and Biotechnology,” in *Food, Agriculture and the Environment: Economic Issues*. Edi Defrancesco, Luigi Galletto and Mara Thiene (eds.), Università di Padova Fondazione Cassa di Risparmio di Padova e Rovigo, Milano, Italy, 2005.

“The Challenge of Agro-Bioterrorism,” in *Syngenta Lectures*, Issue 1: 50-55. Syngenta International AG, Basel, Switzerland, 2002.

“Agricultural Trade and the Environment: Issues and Challenges,” Chapter 1 in *Globalization and Agricultural Trade Policy*. Hans J. Michelmann, James Rude, Jack Stabler and Gary Storey (Eds.), Boulder, CO: Lynne Rienner Publishers, 2001: 13-31.

“Expansión Sostenible del Comercio en América Latina y el Caribe,” Chapter 6 in *Comercio y Ambiente: Temas Para Avanzar el Diálogo*. Mónica Araya (Ed.), Marzo: Organización de los Estados Americanos, 2000.

“Public Sector Contributions to Private Land Value: Looking at the Ledger,” Chapter 3 in *Property and Values: Alternatives to Public and Private Ownership*. Charles Geisler and Gail Daneker (Eds.), Washington, DC: Island Press, 2000.

United States and Canada: Some Environmental Implications of the North American Free Trade Agreement (NAFTA),” (with Glenn Fox) in *Assessing Environmental Effects of the North American Free Trade Agreement (NAFTA): An Analytic Framework (Phase II) and Issue Studies*.

Communications and Public Outreach Department of the CEC (Commission for Environmental Cooperation) Secretariat: Montreal (Quebec) Canada, 1999.

“Environmental Protection from Farm to Market,” Chapter 13 in *Thinking Ecologically: The Next Generation of Environmental Policy*. Marian R. Chertow and Daniel C. Esty (Eds.), New Haven, CT: Yale University Press, 1997.

“Issues of Trade and the Environment in the WTO System,” in *The Emerging WTO System and Perspectives from East Asia*. Symposium Sponsored by the University of Michigan, The Korea

Economic Institute of America, and The Korea Institute for International Economic Policy, August 28-30, 1996, Ann Arbor, Michigan. Joint U.S.-Korea Academic Studies, Volume 7, 1997.

"Subsidies, Tax Incentives and the Environment: An Overview and Synthesis" (with Tom Jones), Chapter 1 in OECD Documents *Subsidies and the Environment: Exploring the Linkages*, Organisation for Economic Co-Operation and Development, Paris, France. 1996.

"Environmental Impacts of Agriculture and Forestry Subsidies," Chapter 10 in OECD Documents *Subsidies and the Environment Exploring the Linkages*, Organization for Economic Co-Operation and Development, Paris, France. 1996.

"Economic Trade and Environmental Protection," Chapter 8 in *Environmental Policy with Political and Economic Integration: The European Union and the United States*. John B. Braden, Henk Folmer, and Thomas S. Ulen (Eds.), Cheltenham, United Kingdom: Edward Elgar. 1996.

"Land Targeting and Agricultural Policy," in *Site-Specific Management for Agricultural Systems*. P. C. Robert, R. H. Rust, and W. E. Larson (eds.), Madison, WI: American Society of Agronomy, Crop Science Society of America, and Soil Science Society of America. 1995.

"Trade, Pollution, and Environmental Protection," Chapter 16 in *The Handbook of Environmental Economics*. Daniel W. Bromley (ed.), Oxford, United Kingdom: Blackwell. 1995.

"Economic and Ethical Issues" (with Gary R. Krieger, Joan Gibb Engel, and J. Ronald Engel). Chapter 2 in *Accident Prevention Manual for Business & Industry: Environmental Management*, Gary R. Krieger (ed.), Itasca, IL: National Safety Council, 1995.

"Designing Green Support: Incentive Compatibility and the Commodity Programs," in *Designing Green Support Programs*. Sarah Lynch (ed.), Greenbelt, MD: Henry A. Wallace Institute for Alternative Agriculture. Policy Studies Program Report No. 4. December 1994.

"The Environmental Effects of Trade in the Agricultural Sector," in *The Environmental Effects of Trade*, Paris: Organization for Economic Cooperation and Development (OECD, Paris), 1994.

"International Trade Agreements" (with C. Parr Rosson III and Dale E. Hathaway), in *Food, Agriculture, and Rural Policy into the Twenty-First Century: Issues and Trade-Offs*. Edited by Milton C. Hallberg, Robert G. F. Spitze, and Daryll E. Ray. Boulder, CO: Westview Press, 1994.

"Reconnaissance of Recent Developments in GATT Negotiations," in *Agricultural Policy and Environment*, Proceedings of a Conference sponsored by University of Minnesota, Center for International Food and Agricultural Policy, Università degli Studi Padova, Dipartimento Territorio e Sistemi Agro-forestali, Regione Veneto, Ente di Sviluppo Agricolo, Motta di Livenza (TV), Italy, July 22-26, 1992. Edited by Paolo Rosato. Padova: Unipress, 1993.

"Urban Demands for Agricultural Chemicals" (with Jared R. Creason), in *Agricultural Policy and Environment*, Proceedings of a Conference sponsored by University of Minnesota, Center for International Food and Agricultural Policy, Università degli Studi Padova, Dipartimento Territorio e Sistemi Agro-forestali, Regione Veneto, Ente di Sviluppo Agricolo, Motta di Livenza (TV), Italy, July 22-26, 1992. Edited by Paolo Rosato. Padova: Unipress, 1993.

"The Great Flood of 1993: Prices, Production and Policy," in *The Great Flood of 1993: A Tragedy of Nature and U.S. Policy*. St. Paul: Hamline University School of Law, October 1993.

"Efectos de la Sostenibilidad en el Desarrollo de la Tecnología Agrícola" (The Impact of Sustainability on the Development of Agricultural Technology), in *Politica Tecnologica y Competitividad Agrícola en América Latina y el Caribe*. Edited by Walter R. Jaffé. Programa II, Generación y Transferencia de Tecnología, Instituto Interamericano de Cooperación para la Agricultura (IICA), San José, Costa Rica, Setiembre, 1993.

"International Public Goods, Export Subsidies, and the Harmonization of Environmental Regulations," in *The Environment, Government Policies, and International Trade: A Proceedings*. Edited by Mathew D. Shane and Harald von Witzke. Agriculture and Trade Analysis Division, Economic Research Service, U.S. Department of Agriculture, Washington, DC. Staff Report No. AGES9314. 1993.

"Health-Related Hazards of Agriculture" (with John B. Sullivan, Jr., Melissa Gonzales and Gary R. Krieger), in *Hazardous Materials Toxicology: Clinical Principles of Environmental Health*. Edited by John B. Sullivan, Jr. and Gary R. Krieger. Baltimore: Williams and Wilkins, 1992.

"Common Property and Collective Action in Economic Development," in *Making the Commons Work: Theory, Practice, and Policy*. Edited by Daniel W. Bromley. San Francisco: ICS Press, 1992.

"A Policy Perspective on the Sustainability of Production Environments: Toward a Land Theory of Value," in *Future Challenges for National Agricultural Research: A Policy Dialogue*. Proceedings of the international conference entitled "Challenges and Opportunities for the NARS in the Year 2000: A Policy Dialogue," held in Berlin, 12-18 January 1992. The Hague: International Service for National Agricultural Research (ISNAR), 1992.

"Illusions et Realites des Negociations Internationales Sur Les Echanges Agricoles." In *L'Agriculteur, Le Marche et L'Etat*. Edited by Albert Chominot. Paris: Economica, 1991, pp. 299-313.

"El Cambino Institucional en la Política Agrícola común de la comunidad Europea" (with Harald von Witzke). In *Análisis Institucional de las Políticas Agrarias: Conflictos de Intereses y Política Agraria*. Edited by Jose Maria Garcia Alvarez-Coque. Madrid: Ministerio de Agricultura, Pesca y Alimentación, 1991, pp. 317-340.

"Prospects for the Uruguay Round in Agriculture," in *The Political Economy of Agricultural Trade & Policy*. Edited by Hans J. Michelmann, Jack C. Stabler, and Gary G. Storey. Boulder: Westview Press, 1990, pp. 175-193.

"Signposts on the Road to Trade Policy Reform in Agriculture," in *The Technical Challenges and Opportunities of a United Europe*. Edited by Michael S. Steinberg. London: Pinter Publishers, 1990, pp. 138-146.

"Environmental Regulation and Agricultural Trade Competitiveness," in *Agriculture and Water Quality: International Perspectives*. Edited by John B. Braden and Stephen B. Lovejoy. Boulder: Lynne Rienner Publishers, 1990, pp. 183-196.

"The United States: Domestic and International Interactions," in *Agricultural Trade: Domestic Politics and International Tensions*, Grace Skogstad and Andrew Fenton Cooper, (eds.), The Institute for Research on Public Policy, Nova Scotia, Canada, 1990, pp. 61-67.

"Agricultural Trade in the Uruguay Round: Into Final Battle," in *Increasing Understanding of Public Problems and Policies -- 1988*, Farm Foundation, Oak Brook, IL, January 1990, pp. 24-37.

"How to Pay for Agricultural Income Supports" (with Daniel W. Halbach), in *A Proposed New Structure for Food and Agricultural Policy*, Sandra S. Batie and J. Paxton Marshall, (eds.), Information Series 89-1, Virginia Polytechnic Institute and State University, Virginia Agricultural Experiment Station, Blacksburg, Virginia, July 1989, pp. 65-90.

"The Uruguay Round Negotiations and Agricultural Trade" (with Steven J. Taff), in *Increasing Understanding of Public Problems and Policies--1988*, Farm Foundation, Oak Brook, IL, January 1988, pp. 164-173.

"International Agricultural and Trade Policy: A Political-Economic Coordination Game" (with H. von Witzke and S. J. Thompson), in *Policy Coordination in World Agriculture*. Edited by Harald von Witzke, C. Ford Runge and Brian Job. Kiel: Wissenschaftsverlag Vauk, 1989, pp. 89-116.

"Agricultural Integration: Problems and Perspectives" (with H. von Witzke), in *Agricultural Trade Liberalization and the European Community*, S. Tarditi, K. J. Thomson, P. Pierani, and E. Croci-Angelini (eds.), Clarendon Press, Oxford, 1989. (Also published in Italian, *Liberalizzazione de Commercio Agricolo e Comunita Europea*, Istituto Nazionale di Economia Agraria Societa Editrice il Mulino, 1988.)

"State-Level Agricultural Policy in Minnesota: Adjusting to Change in the 1980s," in *The Role of State Government in Agriculture*, E. Ospina and C. S. Sims (eds.), Winrock International, Morrilton, AR, 1988.

"Implications of Environmental Regulations for Competitiveness in Agricultural Trade" (with James P. Houck and Daniel W. Halbach), in *Agricultural Trade and Natural Resources: Discovering the Critical Linkages*, John D. Sutton (ed.), Boulder, CO: Lynne Rienner Publishers, 1988, pp. 95-117.

"Supply Control, Conservation, and Budget Restraint: Conflicting Instruments in the 1985 Farm Bill" (with S. Taff), in *Making Soil and Water Conservation Work*, Madison, Wisconsin, Soil Conservation Society of America, 1987.

"Introduction," to *Proceedings of the National Academy of Sciences Conference on Common Property Resources in Developing Countries*, National Academy Press, Washington, D.C., 1987.

"Inefficiency and Structural Adjustment in American Agriculture: Who Will Quit and Why?" in *Public Policy and Agricultural Technology*, D. Hadwiger and W. Brown (eds.), London: Macmillan Co., 1987.

"Induced Innovation in Agriculture and Environmental Quality," in *Annual Policy Review 1986: Agriculture and the Environment*, T. M. Phipps, P. Crosson and K. Price (eds.), National Center for Food and Agricultural Policy, Resources for the Future, Washington, D.C., November, 1986.

"Induced Innovation and Environmental Response," in *Sustainable Development of the Biosphere*, T. Mann and W. C. Clark (eds.), Cambridge, Cambridge University Press, 1986.

"Institutional Innovation and Land Resource Management in the 1980's," in *Intergovernmental Land Management Innovations*, E. Blaine Liner (ed.), Cambridge, MA, Lincoln Institute of Land Policy, Monograph #85-7, 1985.

"Hazardous Waste's and Microelectronics in North Carolina," in *High Hopes for High Technology: State Policy and Planning in North Carolina*, D. Whittington (ed.), Chapel Hill, North Carolina, University of North Carolina Press, 1985.

"The Tragedy of the Commons and Resource Management in Botswana," in *African Land Tenure: A Colloquium*, Land Tenure Center, Madison, Wisconsin, 1984.

"Economic Criteria and Net Social Risk in the Analysis of Environmental Regulation," in *Environmental Policy Under Reagan's Executive Order: The Role of Benefit Cost Analysis*, V. Kerry Smith (ed.), Chapel Hill, North Carolina, University of North Carolina Press, 1984.

"Balancing Public and Private Sector Forestry Research: A Rationale and Plan of Study," in *Economic Evaluation of Investments in Forestry Research*, William Hyde (ed.), Durham, Acorn Press, 1983.

"Positive Incentives for Pollution Control in North Carolina: A Policy Analysis," in *Making Pollution Prevention Pay: Ecology with Economy as Policy*, D. Huisingsh and V. Bailey (eds.), Pergamon Press, 1982.

Popular Articles

"Tariffs, retaliation, and the flu." *MinnPost*, July 9, 2019.

<https://www.minnpost.com/community-voices/2019/07/tariffs-retaliation-and-the-flu/>

"How the right sold out to Russia." *MinnPost*, February 27, 2019.

<https://www.minnpost.com/community-voices/2019/02/how-the-right-sold-out-to-russia/>

"Tariffs are bad for export markets, and that's bad for Minnesota." *Star Tribune*, Opinion, October 8, 2018. <http://www.startribune.com/tariffs-are-bad-for-export-markets-and-that-s-bad-for-minnesota/496021101/>

"Trump's policies bite farming country in two ways: Tariffs have gotten most of the attention, but as important is the crimp on labor." *Star Tribune*, July 20, 2018.

Available at <http://startribune.com/trump-s-policies-bite-farming-country-in-two-ways/488771391/>

"We shouldn't forget to remember Tim Pawlenty." IN: *MinnPost* online, July 6, 2018.

Available at: <https://www.minnpost.com/community-voices/2018/07/we-shouldnt-forget-remember-tim-pawlenty/>

“Midlands Voices: Ethanol gives consumers a raw deal.” *Omaha World-Herald*, June 14, 2018.

“Striking commonalities: McCarthy and Trump, Cohn and Cohen.” IN: MinnPost online, June 8, 2018. **Available at:** <https://www.minnpost.com/community-voices/2018/06/striking-commonalities-mccarthy-and-trump-cohn-and-cohen/>

“State Farmers would have much to Lose in a U.S.-China Trade War.” *Star Tribune*, Commentary, March 30, 2018.

“Joseph McCarthy and Donald Trump: a shared contempt for democratic institutions.” *MinnPost*, October 2016, 8:00 a.m. <https://www.minnpost.com/community-voices/2016/10/joseph-mccarthy-and-donald-trump-shared-contempt-democratic-institutions>

“Black or white, the poor are trapped at the bottom: The “Gatsby Curve” means they have little hope, much to fear.” *Star Tribune*, July 22, 2016.

“On Trumpism as Marxism (part Karl part Groucho).” *Star Tribune*, May 12, 2016.

“Taxes are a Pandora’s box.” *Star Tribune*, July 31, 2011.

“Cigarettes, liquor, even soda: Problems that can be shutdown solutions.” *Star Tribune*, July 13, 2011.

“State-government shutdown – Closed for Business?” *St. Paul Pioneer Press*, July 13, 2011, p. 11B.

“Are Biofuels Actually a Good Idea?” *The Costco Connection* 26(7)(July 2011): 17.

“Before Cutting Consider the Cost-Effectiveness of Caring for People with Disabilities.” *St. Paul Pioneer Press*, March 23, 2011.

“Caring for the Disabled: It’s Cost-Effective.” *MN2020*, March 23, 2011.

“C. Ford Runge: Some tips for Tom Emmer.” *St. Paul Pioneer Press*, July 13, 2010.

“Biofuel Backlash.” *Technology Review*, May/June 2010, p. 10.

“The Case Against Biofuels: Probing Ethanol’s Hidden Costs.” *Yale Environment* 360, March 11, 2010. Found at: <http://e360.yale.edu/content/feature.msp?id=2251>

“Cellulosic dreams – the biofuel illusion.” *St. Paul Pioneer Press*, April 9, 2009, p. 8B.

“On energy, transportation – A governor out of step.” *St. Paul Pioneer Press*, March 6, 2008, 11B.

“Bridge Span – Dubious about the gusset rush.” *St. Paul Pioneer Press*, January 23, 2008, 11B.

“And what else don’t we know about emergency preparedness?” *St. Paul Pioneer Press*, Nov. 16, 2007, p. 8B.

“Expert Witness, Will Travel – A question of accountability.” *St. Paul Pioneer Press*, Oct. 10, 2007.

“Underneath savings for private business, public roads and bridges.” *St. Paul Pioneer Press*, Sept. 26, 2007.

“Switchgrass biofuel? No time soon.” *Star Tribune*, April 16, 2007.

“Proposing four little (!) taxes to raise money for the Republican convention.” *St. Paul Pioneer Press*, December 15, 2006.

“Telling it to Peter Hutchinson.” *St. Paul Pioneer Press*, November 21, 2006.

“Economists’ call for higher wage challenges candidate’s reasoning.” *St. Paul Pioneer Press*, October 17, 2006.

“Bachmann’s record on children, safety aligns with Foley fallout.” *Stillwater Gazette*, October 10, 2006.

“Gerrymandering congressional districts underhands voters.” *Stillwater Gazette*, September 22, 2006.

“Bachmann and Dobson’s chummy relationship explains big shot visits.” *Stillwater Gazette*, September 8, 2006.

“Bachmann’s education support falls flat on her voting record.” *Stillwater Gazette*, August 18, 2006.

“Pay to play with Bachmann, Rove tomorrow.” *Stillwater Gazette*, July 20, 2006.

“What has Bachmann done for her constituents?” *Stillwater Gazette*, June 13, 2006, p. 4

“Torture? ‘We’ll get back to you...’” *Stillwater Gazette*, March 27, 2006, p. 4.

“Liberty or death – White House players puts up defense.” *Stillwater Gazette*, February 27, 2006.

“The foulest part of Jack Abramoff’s story is yet to be told.” *Stillwater Gazette*, February 10, 2006, p. 4.

“What not to expect from feds in pandemic.” *Star Tribune*, December 27, 2005, p. A17.

“Kennedy balances on the extremist fringe.” *Stillwater Gazette*, December 21, 2005, p. 4.

“Bachmann voices budget delusions, shows her own fiscal voodoo.” *Stillwater Gazette*, December 12, 2005.

“Kennedy’s Republican brown-nosing fails to honor Minnesota’s interests.” *Stillwater Gazette*, December 1, 2005.

“White House characters sharpen skills in implausibility deniability.” *Stillwater Gazette*, October 31, 2005.

“Religion should be avoided as a vehicle for setting public policy.” *Stillwater Gazette*, October 14, 2005.

“Katrina pushes lessons learned in Vietnam to current War in Iraq.” *Stillwater Gazette*, September 30, 2005.

“Why does ‘Benedict Arnold’ Rove still have a job in politics?” *Stillwater Gazette*, August 3, 2005.
“Life involves a lot more than ‘defenders’ see.” *Minneapolis Star Tribune*, June 17, 2005.

“A dubious brand of budget gaming.” *Minneapolis Star Tribune*, May 17, 2005.

“The Future of Ethanol.” *Minneapolis Star Tribune*, April 17, 2005, p. AA1.

“Bachmann’s assault on Constitution: She aims to undercut the courts.” *Minneapolis Star Tribune*, April 15, 2005, p. A21.

“Ditching the Social Security Pitch as Short-term Fix.” *St. Paul Pioneer Press*, April 3, 2005.

“A New Campaign Against Indians.” *Minneapolis Star Tribune* 23:340, March 10, 2005.

“A Leap of Faith into More Gambling.” *Minneapolis Star Tribune* 23:308, February 6, 2005.

“Bush Social Security Plan Defies Economic Logic.” *St. Paul Pioneer Press*, January 23, 2005.

“Get ready for a tsunami of scandals.” *Minneapolis Star Tribune*, January 6, 2005.

“Economics of same-sex marriage.” *Minneapolis Star Tribune* 23:161, September 12, 2004, p. AA5.

“Corporate tax declines are cause for concern.” (with Rebecca Otto) *St. Paul Pioneer Press* 156:119, August 24, 2004, p. 7A.

“A corporate tax loophole is draining Minnesota coffers,” (with Rebecca Otto) *Minneapolis Star Tribune* 23:106, July 19, 2004, p. A13.

“Attack obesity epidemic to combat rising health care costs.” (with Benjamin Senauer) *St. Paul Pioneer Press*, November 18, 2003, p. 15A.

“A trade battle that will cost America dear.” (with David Victor) *Financial Times*, May 15, 2003.

“Genetically modified and healthy.” (with David G. Victor) *International Herald Tribune*, February 19, 2003. (<http://www.iht.com/articles/87159.html>)

“Battling Hunger: More Than Handouts.” (with Benjamin Senuaer) *InfoBrazil*, week of December 14-20, 2002. (<http://www.infobrazil.com>)

“Minnesota, farmers and food security will all benefit from PNTR.” (with Rudy Boschwitz) *Star Tribune* May 24, 2000, p. A21, 2000.

“Trade will be crucial for the world to feed itself in 21st century.” *Star Tribune*, January 24, 2000, p.A9.

“What went wrong in Seattle: name it.” *Star Tribune*, December 10, 1999, page A33.

"Tackle Global Warming Sensibly: It Needn't Drag Down the Global Economy." *Star Tribune*, October 13, 1997, p. A13.

"Who's Really Getting Taken? The Last Thing We Need Is a Vast New Entitlement for Landowners." *The New Democrat*, Vol. 7, No. 3, September/October 1995, pp. 27-28.

"Whose Farm Policy is it Anyway?" C. Ford Runge interviewed by Dennis Anderson, *Star Tribune*, July 30, 1995, pp. 17C-18C.

"Four Principles Should Guide U.S. Trade Policy," *Star Tribune*, October 28, 1994, p. 27A.

"Green Trade: Opening Markets and Protecting the Environment Isn't a Zero-Sum Game." *The New Democrat* Vol. 6, No. 4, August/September 1994, pp. 19-21.

"Striking a Balance: The Trade and Environment Challenge" (with Paul Sommers), *Northwest Report* No. 16, July 1994, pp. 24-30.

"The Political Pitfalls of Trade Agreements," *FedGazette*, Federal Reserve Bank of Minneapolis, October 1993, Vol. 5, No. 4, pp. 14-15.

"Economic Stability Rides on Success of GATT Negotiations," *Feedstuffs*, v. 64, n. 20, May 18, 1992, pp. 28-30.

"NWA Deal: Through the Air, with the Greatest of Ease," *Star Tribune*, November 20, 1991, p. 13A.

"Fast-Track Extension Likely, Making GATT Deal Possible," *Feedstuffs*, v. 63, n. 16, April 22, 1991, p. 23.

"Should the U.S. Replace Cargo Preference with a Direct Maritime Subsidy" (with Charles S. Gitomer), *Seaway Review*, v. 19, no. 4, April-June 1991, pp. 61-65.

"Precision Farming: Improvements for the Future" (with Robert D. Munson), *Farm Chemicals*, v. 154, no. 2, February 1991, pp. 26-27.

"EC's Double Dealing was the Doom of GATT," *AgWeek*, December 17, 1990, Vol. 6, No. 19, p. 12.

"The Europeans have got to Give on Farm Subsidies," *Star Tribune*, December 14, 1990, p. 27A.

"The Poor Aren't Protesting, the Rich Are," *AgWeek*, December 10, 1990, p. 7.

"U.S., EC Both Took Wrong Approach in GATT Talks," *Feedstuffs*, November 26, 1990, p. 8.

"Illusion and Reality in the Farm Trade Negotiations," *AgWeek*, November 19, 1990, Vol. 6, No. 15, p. 7.

"If International Trade Talks Fail, Minnesota Farmers Will Lose," *Star Tribune*, November 16, 1990, p. 19A.

"Eastern Europe: Is Opportunity Knocking?" *FedGazette*, September 1990, Vol. 2, No. 3, pp. 12-13.

"Cargo Preference is Bad Policy" (with Charles S. Gitomer), *The Journal of Commerce*, June 29, 1990, p. 8A.

"Eastern Europe's Winter Thaw," *The Journal of Commerce*, February 13, 1990, p. 8A.

"Reshape the Sugar Program," *The Journal of Commerce*, November 28, 1989, p. 12A.

"Tariffs in the Sugar Industry," *AgWeek*, November 27, 1989, Vol. 5, No. 18, p. 5.

"Planning Agriculture Trade Battle," *The Journal of Commerce*, October 23, 1989, p. 8A.

"Drive for Freer Trade Demands Careful Tactics," *Star Tribune*, October 20, 1989, Vol. 8, No. 199, p. 21A.

"Farm Reform, Not Free Trade," in *The Journal of Commerce*, Wednesday, August 2, 1989, p. 8A.

"Booming Trade in Health Risks" (with Richard Nolan), in *The Journal of Commerce*, Thursday, June 1, 1989, p. 8A.

"Health, Environmental Issues Constrain World Trading System" (with Richard Nolan), *Star Tribune*, Feb. 7, 1989, Vol. 7, No. 309, p. 11A.

"U.S.-European Standoff Could Bring on a Farm-Subsidy War," *Star Tribune*, Dec. 20, 1988, Vol. 7, No. 260, p. 19A.

"Trading Nations Must Join to End Agricultural Protectionism," *Star Tribune*, Dec. 5, 1988, Vol. 9, No. 245, p. 13A.

"Best Way to Improve Rural Environment," *Minneapolis Star and Tribune*, September 24, 1987.

Reviews

Runge, C. Ford. 2020. Review of *Frank Ramsey: A Sheer Excess of Powers*, IN: Book Reviews. *Journal of Economic Literature* 58 (3): 793–803. <https://doi.org/10.1257/jel.58.3.793>

Runge, C. Piehl and C. Ford Runge. "Digesting the Locavores." *The American Interest*, Spring (March/April)(2013): 84-87.
<http://www.the-american-interest.com/articles/2013/02/12/digesting-the-locavores/>

Review of “Climate Change and Agriculture: An Economic Analysis of Global Impacts, Adaptation and Distributional Effects,” by Robert Mendelsohn and Ariel Dinar. New Horizons in Environmental Economics, Cheltenham, U.K. and Northampton, MA: Elgar, 2009, pp. vii, 246. In *Journal of Economic Literature* XLVIII, Sept. 2010, pp. 779-781.

Review of “From Corn Laws to Free Trade: Interests, Ideas, and Institutions in Historical Perspective,” by Cheryl Schonhardt-Bailey, Cambridge, MA: MIT Press, 2006, 426 pp. In *American Journal of Agricultural Economics*, Nov. 2008.

Review of *International Environmental Economics: A Survey of the Issues*, edited by Günther G. Schulze and Heinrich W. Ursprung. Oxford and New York: Oxford University Press, 2001, *Journal of Economic Literature* LX (December 2002).

Review of *Agricultural Policy in Western Europe and the United States* by Ken A. Ingersent and A.J. Rayner. Northampton, MA: Edward Elgar, 1999, *American Journal of Agricultural Economics* 83 (3, August) 2001: 788-790.

Review of *Trading Up: Consumer and Environmental Regulation in a Global Economy* by David Vogel, *Journal of Economic Literature*, Vol. XXXV (March 1997).

Review of *Cultivating Congress: Constituents, Issues and Interests in Agricultural Policymaking* by William P. Browne, *American Journal of Agricultural Economics*, Vol. 78, No. 1 (February 1996).

Review of *Rules, Games, and Common-Pool Resources* by Elinor Ostrom, Roy Gardner, and James Walker, *Journal of Economic Literature*, Vol. 33 (September 1995).

Review of *Nature's Metropolis: Chicago and the Great West* by William Cronon, *Land Economics*, Vol. 69, No. 1, (February, 1993).

Review of *Negotiation Games: Applying Game Theory to Bargaining and Arbitration* by Steven J. Brams, *American Scientist*, Vol. 80 (January-February 1992).

Review of *Toward a Well-Fed World* by Don Paarlberg, *American Journal of Agricultural Economics*, Vol. 71, No. 3, (August, 1989).

Review of *Changes in the Land* by William Cronon, *Land Economics* 61:4 (November, 1985).

Review of the *Resourceful Earth: A Response to Global 2000*, by Julian L. Simon and Herman Kahn (eds.), *American Journal of Agricultural Economics* (December, 1985).

Review of *Water Management Models in Practice: A Case Study of the Aswan High Dam*, by Dale Whittington and Giorgio Guariso, *Natural Resources Journal* 24 (April, 1984).

Review of *Public Land Politics* by Paul J. Culhane, *Natural Resources Journal* 22 (January, 1982).

Published Reports and Case Studies

“The Workforce Economic Benefits of Minnesota Indian Gaming Association Member Tribes’ Casino-Resorts,” MIGA Report, January 2007 (with Barry Ryan).

“Agricultural Economics: A Brief Intellectual History.” Center for International Food and Agricultural Policy (CIFAP) Working Paper WP06-1, June 2006. St. Paul, MN: Department of Applied Economics, University of Minnesota.

“The Global Diffusion of Plant Biotechnology: International Adoption and Research in 2004,” (with Barry Ryan). A study prepared for the Council for Biotechnology Information (CBI), Washington, D.C. Unpublished, 2004.

“The Economic Status and Performance of Plant Biotechnology in 2003: Adoption, Research and Development in the United States.” A study prepared for the Council for Biotechnology Information (CBI), Washington, D.C., December 1, 2003.

“Minnesota’s Biodiesel Mandate: Taking from Many, Giving to Few.” Report prepared with support from the Minnesota Trucking Association and the Biodiesel by Choice Coalition, 2002.

"The Congressional Budget Office’s ‘Regulatory Takings and Proposals for Change’: One-Sided and Uninformed," Environmental Policy Project, Georgetown University Law Center, Washington, DC: Georgetown University, 1999.

Nicholas, James, C. Ford Runge, et. al. as *Amici Curiae* in Support of Respondent, *Bernadine Suitum (Petitioner) v. Tahoe Regional Planning Agency (Respondent)*. On Writ of Certiorari to the United States Court of Appeals for the Ninth Circuit; Brief. Supreme Court of the United States. October Term, 1996. No. 96-243.

"Agriculture and Environmental Policy: New Business or Business as Usual?" Environmental Reform: The Next Generation Project. New Haven, CT: Yale Center for Environmental Law and Policy. Working Paper No. 1. September 1996.

"Government Actions Affecting Land and Property Values: An Empirical Review of Takings and Givings" (with M. Teresa Duclos, John S. Adams, Barry Goodwin, Judith A. Martin, and Rodrick D. Squires), Lincoln Institute of Land Policy Research Paper, Cambridge, MA. WP96CR1. 1996.

"Environmental Impacts of Agricultural and Forestry Subsidies." Background paper for the "Workshop on Subsidies and the Environment -- Exploring the Linkages." Organization for Economic Cooperation and Development (OECD), Paris, France. November 1995.

"An Analytical Framework for Livestock\Environment Interactions." A Chapter prepared for the Food and Agriculture Organization of the United Nations, Rome, Italy. September 1995.

"The Grains Sector and the Environment: Basic Issues and Implications for Trade." Food and Agriculture Organization of the United Nations (FAO). CCP:GR 95/3. Rome, Italy: February 1995. Runge, C. F., Munson, R. D., Lotterman, E. and Creason, J. 1990. Agricultural Competitiveness, Farm Fertilizer and Chemical Use, and Environmental Quality: A Descriptive Analysis. Center for International Food and Agricultural Policy, University of Minnesota, St. Paul, MN 55108.

Creason, J. R. and Runge, C. F. 1990. Agricultural Competitiveness and Environmental Quality: What Mix of Policies Will Accomplish Both Goals? Center for International Food and Agricultural Policy, University of Minnesota, St. Paul, MN 55108.

Munson, R. D. and Runge, C. F. 1990. Improving Fertilizer and Chemical Efficiency Through "High Precision Farming." Center for International Food and Agricultural Policy, University of Minnesota, St. Paul, MN 55108.

Modelling Pesticide and Herbicide Health Impacts: Is an Agricultural 'Superfund' Coming?" *Agricultural Policy and Environment Conference* (with Gary Krieger). 1st Annual, Motta di Livenza, Italy; June 19-23, 1989; Proceedings. Vol. 4, St. Paul: University of Minnesota, Department of Agricultural and Applied Economics, March 1990, Staff Paper P90-21.

"A Review of Agricultural Policy in the United States, 1989-90." In *Agricultural Policy and Environment Conference*, 1st Annual Proceedings, Motta di Livenza, Italy; June 19-23, 1989; St. Paul: University of Minnesota, Department of Agricultural and Applied Economics, March 1990, Staff Paper P90-18.

"The Institutional Origins of Deforestation in Latin America" (with Douglas Southgate). In *Economic Catalysts to Ecological Change*, Proceedings, 39th Annual Conference, Tropical Conservation and Development Program, Center for Latin American Studies, University of Florida, Gainesville, Florida, February 1990.

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"Issues in Rural Development Project Design: An Overview of Bank Experience," August, 1979.

"Tanzania: A Case Study of the Kigoma Rural Development Project," June, 1979.

"Mexico: A Case Study of the PIDER Integrated Rural Development Project," July, 1979.

"Korea: A Case Study of the Rural Infrastructure Project," July, 1979.

"Malaysia: A Case Study of the Jengka Triangle Resettlement Project," August, 1979.

"Nepal: A Case Study of the Rural Development I Project," July, 1979.

"Pakistan: A Case Study of the Azhad Kashmir Technical Assistance Project," August, 1979.

"The Benor Training and Visit Extension System in Turkey and West Bengal," August, 1979.

THESES

"Institutions and Common Property Externalities: The Assurance Problem in Economic Development," Ph.D. Thesis, University of Wisconsin, 1981.

"American Agricultural Assistance and the New International Economics Order," M.S. Thesis, Oxford University, 1977.

TEACHING ACTIVITIES

Ag Ec 8203: Applied Welfare Economics and Public Policy, 1983, 1984, 1985, 1986, 1988, 1989, 1990, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018

Ag Ec 5711: U.S. Agricultural and Environmental Policy, Spring 1993, 1994, 1995, 1996, 1997, 2007, 2009, 2010, 2012, 2013, 2014, 2015, 2019

Ag Ec 8360: Seminar: Land and Institutional Economics, 1986, 1988, 1989, 1990

Ag Ec 3070: Economic Growth and Development in Developing Countries, 1983, 1984, 1985, 1986

Ag Ec 8373: Food and Agricultural Policy in the United States, 1985 (one of several faculty instructors)

Ag 1100: Undergraduate Honors Course in Agriculture: Active Learning, 1985 (one of several faculty instructors)

ApEc 3007: Applied Macroeconomics: Policy, Trade and Development, 2003-present

ApEc 8902: Graduate Seminar: Ph.D. Program, 2000-2005

Teaching at the University of North Carolina - Chapel Hill (1981-82)

Public Policy Science 71: Introduction to Public Policy Science, 1981, 1982

Political Science 163: Modern Democratic Theory, 1982

Public Policy Science 90: Seminar in Public Policy Science Research Methods, 1982

Political Science 41: American Government, 1982

Summer Teaching

Environmental Economics, Vermont Law School, 1993-97

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Council on Foreign Relations

Cosmos Club

American Agricultural Economics Association (AAEA)

International Association of Agricultural Economists

American Economic Association (AEA)

American Association for the Advancement of Science (AAAS)

National Academy of Sciences, Panel Member

Association of American Rhodes Scholars

Democratic Leadership Council

SERVICE TO PROFESSIONAL SOCIETIES

Board of Editors, *Journal of Politics*

Reviewer, *American Journal of Agricultural Economics*, *Land Economics*, *Natural Resources Journal*, *Review of Regional Studies*, *Journal of Politics*, *North Central Journal of Agricultural Economics*, *Economic Development and Cultural Change*, *Journal of Development Studies*

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