

Charles S. Colgan PhD

Office

Home

CALIFORNIA:

Center for the Blue Economy
Middlebury Institute of International Studies at Monterey
460 Pierce St
Monterey, CA 93940
Email: ccolgan@miis.edu

241 Quail Run Court
Del Rey Oaks, CA
93940
207-831-9187

MAINE:

Maine Center for Business & Economic Research
University of Southern Maine
P.O. Box 9300
96 Falmouth Street
Portland, Maine 04104
(207) 780-4008
Email csc@usm.maine.edu

1 Karynel Drive
South Portland, Maine
04106
207-741-9128

Education

BA (1971) Colby College [History and Government majors]

PhD (1992) University of Maine, Economic History

PhD studies (ABD) University of Pennsylvania, International Relations (1971-76)

Employment

2015-Present Director of Research and Editor in Chief, The Center for the Blue Economy, Middlebury Institute of International Studies at Monterey.

2015-Present Professor Emeritus of Public Policy and Planning, Muskie School of Public Service, University of Southern Maine

2014-Present Director, Maine Center for Business and Economic Research

1996-2015, Professor of Public Policy and Management, Edmund S. Muskie School of Public Service, University of Southern Maine

2001-2014, Associate Director, Maine Center for Business and Economic Research

2013-2014, Director, New England Environmental Finance Center, University of Southern Maine

2013-Present, Senior Market Economist and Editor-in-Chief *Journal of Ocean and Coastal Economics* Center for the Blue Economy, Monterey Institute of International Studies, Monterey, California

1997-2002, 2005-Present Chair, Graduate Program in Community Planning and Development, Edmund S. Muskie School of Public Service, University of Southern Maine

2005-2007 Walter Russell Chair in Education and Philosophy, University of Southern Maine

2002-2012 Research Fellow, Bureau of Labor Statistics, U.S. Department of Labor

2005-2011, Associate Director, University of Maine System Center for Tourism Research and Outreach

1999-2013, Chief Economist, National Ocean Economics Project

2003-2005, Chair, Doctoral Program in Public Policy Edmund S. Muskie School of Public Service, University of Southern Maine

1993- 2004. Curriculum Director, Leadership Maine Program, Maine Development Foundation.

1991-2001, Senior Research Associate, Center for Business and Economic Research, University of Southern Maine 2001-Present.

1989-96 Associate Professor of Public Policy and Management, Edmund S. Muskie School of Public Service, University of Southern Maine.

1987-1989, Maine State Economist, Maine State Planning Office

1986-1993 Special Assistant for International Trade Policy, Office of the Governor

1983-1989 Adjunct Professor of Economics, Thomas College, Waterville, Maine

1985-1987 Director of Research, Finance Authority of Maine

1984-1985 Director of Natural Resource and Economic Policy, Maine State Planning Office

1981-1984 Senior Economist, Maine State Planning Office

1977-1981 Senior Planner, Maine State Planning Office

1976-1977 Planning Analyst, Maine State Planning Office

1976 Lecturer in Political Science, Muhlenberg College

Courses Taught:

University of Southern Maine (Graduate)
Economic Foundations for Public Policy Research (Doctoral)
Seminar in Public Policy (Doctoral)
Intellectual Foundations of Public Policy (Doctoral)
Seminar in Policy Analysis (Doctoral)
Foundations of Public Policy
Applied Policy Analysis
Energy Policy and Planning
Risk and Public Policy
Advanced Research Methods
Seminar in Forecasting
Survey Research
Economics and Public Policy

Introduction to Policy Analysis
Introduction to Computers (1 cr)
Introduction to SAS (1 cr)
Government-Business Relations
State and Regional Economic Development
The Policy Development Practicum
Environmental Policy
Strategic Planning (co-taught)
Transportation Economics (1 cr)
Economic Impact Analysis (1 cr)

Professional Development Courses

Economic Development in the Real Economy for the New England Professional Economic Development Program, 2008-2012

Other University Teaching:

Bates College (Undergraduate)

Short term courses in public and environmental policies

Thomas College (Graduate)

Economics of the Firm
Government Business Relations
Government Regulation of Business
Tax Basis of Corporate Decision Making
Issues in National and International Economics

University of Maine at Farmington (Undergraduate)

Consumer Economics

Muhlenberg College (Undergraduate)

Introduction to Political Science
International Law
International Politics
Model United Nations

Honors and Awards

2010 University of Southern Maine Outstanding Faculty for Muskie School

2007 University Economic Development Association: Excellence in Economic Development Research Award for the Maine Technology Institute evaluation

2005-2007 Walter Russell Chair in Education and Philosophy, University of Southern Maine

2004 National Ocean Research Leadership Council: Excellence in Partnering under the National Oceanographic Partnership Program for study on the Economic Benefits of Regional Ocean Observing Systems (Co Principal Investigator on project)

2002 National Association of Management Technical Assistance Centers: Outstanding Economic

Development Project of the Year for Maine Workforce Assessment Project.

Phi Kappa Phi, University of Maine

1992 University of Southern Maine Outstanding Faculty for Muskie School

Selected Research Grants and Awards

2011-2016 Economic Development Administration: The Innovation Economy in Maine. University Center Award \$500,000.

2009-2014 National Science Foundation: EPSCOR Award with University of Maine: The Sustainable Urban Regions Project. \$1.4 million.

2008-09 National Science Foundation: Assessment of Geospatial Workforce Conditions and Skill Needs in Maine

2007 Maine Technology Institute and Maine Office of Innovation Assessment of Technology Clusters in Maine \$170,000

2007 Maine Department of Transportation: Economic Evaluation of Long Term Transportation Investment (\$150,000)

2006-2007 U.S. Department of Agriculture Rural Development Administration: Workforce Characteristics and Analysis of Issues of Aging Workforce in Aroostook County (\$75,000)

2006 Maine Department of Transportation: Economic Forecasts and Evaluation of Long Term Investment Plan (\$95,000)

2006-2009 Maine Turnpike Authority: Turnpike Traffic and Tourism Activity Forecasting (\$90,000)

1990-2013 U.S. Economic Development Administration University Center Grant (\$125,000/year)

2004 New England Foundation for the Arts The Arts Industries in Maine: 1997-2002 (\$25,000) (co PI)

2003 Northern Maine Development Commission: Factors Affecting Youth Outmigration from Aroostook County (\$50,000)

2002-2009 Maine Technology Institute; Evaluation of Maine Research and Development Grant Programs (\$175,000)

2002-2004 National Ocean Partnership Program: Economic Benefits of Regional Ocean Observing Systems(through Woods Hole Oceanographic Institution) (\$500,000) (Co-PI)

2002-2004 Long Island Sound National Estuary Project-Environmental Protection Agency The Economic Value of Long Island Sound (\$65,000) (Co-PI)

- 2002 Portland Water District Demographic, Economic, and Housing Trends 1990-2000 for Seven Communities Served by the Portland Water District (\$50,000) (Co-PI)
- 2001 National Oceanic and Atmospheric Administration: Estimating the Economic Benefits of the Gulf of Maine Observing System (\$30,000) (Co-PI)
- 2001 Maine Science and Technology Foundation: Establishing the Characteristics of Clusters in Selected Segments of the Maine Economy. (\$85,000) (PI)
- 2000 Maine Department of Marine Resources/Maine Science and Technology Foundation Assessment of the Prospects of Marine Biotechnology Clusters in the Maine Economy. (\$35,000) (PI)
- 1999- National Oceanic and Atmospheric Administration: The Economic Value of the Ocean (\$700,000) (Co-PI)
- 1999-2001 Maine Department of Economic and Community Development Assessment of Workforce Characteristics in 17 Regions of Maine. (\$600,000) (PI)
- 1997 Maine Department of Inland Fisheries and Wildlife, Cost Benefit Analysis of Automated Sportsmen's Data System. (\$30,000) (PI)
- 1997-1998 United States Economic Development Administration. Evaluation of the Portland Fish Exchange and its Role in the New England Fishing Industry. (\$15,000) (Associate Investigator)
- 1996-1999 United States Department of Agriculture, National Research Initiative. The Effects of Changing Roles for Rural Hospitals on Rural Economic Development. (\$100,000) (PI)
- 1995-96 Maine Turnpike Authority to assess feasibility of congestion tolls on the Maine Turnpike. (\$600,000) (PI)
- 1995-96 Regional Waste Systems to investigate barriers to recycling.(\$30,000) (Co-PI)
- 1993-94 University of Southern Maine Faculty Research Grant to research biography of Edmund S. Muskie. (Individual Grant) (\$5,000)
- 1993-2003 U.S. Economic Development Administration for research and economic forecasting in support of economic development planning in Maine. (Grant to Center for Business and Economic Research) (\$100,000 per year)
- 1994-98 Maine Department of Transportation to prepare long range economic forecasts for nine regions of Maine in support of regional transportation advisory committees (\$10,000) (PI)
- 1994-95 National Oceanic and Atmospheric Administration and U.S. Environmental Protection Agency for a workshop and book on economic evaluation of coastal resources. (\$65,000) (PI)
- 1993-94 Government of Canada Faculty Research Award to analyze the Canadian Roundtables on the Environment and Economy (\$5000) (PI)

- 1989-1990 Government of Canada Faculty Research Award to analyze trends in state and provincial economic development polices. (\$5000) (PI)
- 1990 Maine State Government-University Partnership Program to evaluate the response to the Maine Growth Management Law. (\$5000) (Co-PI)

Selected Consulting Projects

- 2014 Catalysis Adaptation Partners Development of the Marsh Adaptation Strategy Tool and Climate Change impacts in Cambridge, Massachusetts.
- 2014 Maine Department of Transportation-Maine Turnpike Authority Forecasting Population, Housing, and Employment in Support of Traffic Modeling.
- 2013 Maine Department of Corrections: Investment Analysis of Proposed Changes to the Maine Correctional Center
- 2013 Downtown Westbrook Economic Development Forecasting and Plan City of Westbrook
- Economic Impacts of Repair and Rehabilitation of the Eastport Breakwater, Port Authority of Eastport
- An Assessment of the Economics of Natural and Built Infrastructure for Water Resources in Maine
The Nature Conservancy : Maine Chapter
- 2012 Economic Impacts of the Americas Cup World Series for the Rhode Island Economic Development Corporation
- 2010-2011, 2013-2014 Economic and Population Forecasts for Maine Department of Transportation/Maine Turnpike Authority
- 2009 Traffic Forecasting for the Maine Turnpike Authority
- 2008 Opportunities for Energy Efficiency in Maine. Maine State Planning Office
- 2004-2007 Regional Economic Impact Assessment of Proposed Rezoning of Timberlands in the Moosehead Lake Region Plum Creek Timberlands, LLC.
- 2006-2007 U.S. Department of Labor Bureau of Labor Statistics Development of Data Production Processes of Ocean and Coastal Economy Measures
- 2006 National Oceanic and Atmospheric Administration: Assessment of Economic Data for Ocean and Coastal Management
- 2005 National Oceanic and Atmospheric Administration Estimating the Economic Benefits of Improved Weather Information for Surface Transportation Systems
- 2005 Maine Department of Transportation Economic Impacts of Proposed Highway Development in

Aroostook County

- 2004-5 Plum Creek Corporation Economic Impacts of Rezoning in Moosehead Lake Region
- 2003 U.S. Commission on Ocean Policy Economic and Demographic Change in the U.S. Coastal Zone 1970-2000
- 2003 National Oceanic and Atmospheric Administration Economic Considerations in Development of the NOAA Strategic Plan
- 2000 Rhode Island House of Representatives. Identifying the Coastal and Ocean Sector of the Rhode Island Economy.
- 2000 Maine Marine Trades Association. The Economic Impacts of Marine Trades in Maine.
- 1999 Maine Department of Transportation and State Planning Office: An Economic Impact Analysis of the Proposed East-West Highway
- 1999 Portland Area Comprehensive Transportation Committee: Survey of Attitudes towards Regional and Local Transportation Investments.
- 1998 Maine Department of Marine Resources: Assessment of Aquaculture Industry Prospects in Maine.
- 1997 State of Maine, Department of Corrections. A Cost Benefit Analysis of Reforms in the Maine Correctional System.
- 1997 Maine State Planning Office and Maine Municipal Association. Analysis of Proposed Changes in Maine Tax Law.
- 1996- State of Maine, Bureau of General Services. *A Comprehensive Plan for Maine State Government Facilities*.
- 1996-1998 United States Fish and Wildlife Service Estimation of the economic value and economic impacts of protecting seabird nesting habitat on Maine coastal islands.
- 1995 Gulf of Maine Council on the Marine Environment analysis of economic trends affecting the coastal regions bordering the Gulf of Maine in Massachusetts, New Hampshire, Vermont, New Brunswick and Nova Scotia.
- 1995 Maine Department of Environmental Protection Facilitation of Governor's Commission on Emission Trading Rules.
- 1994-97 Maine Turnpike Authority Study of use of congestion pricing on the Maine Turnpike. (Principal Investigator)
- 1989-1994 Special Consultant to the Governor (John R. McKernan.)

Serve as Governor's staff representative to the United States Trade Representative's

- Intergovernmental Policy Advisory Committee and National Governors' Association Committee on International Trade and Foreign Policy. Staff Chair of Working Group on the Uruguay Round of Multilateral Trade Negotiations.
- 1994 Massachusetts Bays Project Analysis of organizational options for EPA-funded National Estuary Program planning project.
- Maine Economic Growth Council Assistance to legislatively- created state economic development strategy formation.
- The Maine Alliance/Maine Chamber of Commerce and Industry Assistance in economic development strategy preparation
- 1993 Casco Bay Estuary Project Analysis of organizational options for EPA-funded National Estuary Program planning project.
- National Oceanic and Atmospheric Administration and Environmental Protection Agency Organization and management of national workshop on economic and ecological valuation of marine ecosystems. (1993-94)
- Maine Development Foundation Design and program delivery/evaluation of curriculum for statewide leadership training program. (1993-95)
- 1992 National Governors' Association, analysis and recommendations relating to State-Federal relations in trade policy development and implementation.
- Maine Department of Conservation, budget trends and recommendations for forestry-related programs.
- Maine Department of Economic and Community Development, analysis of the North American Free Trade Agreement's effects on Maine.
- Maine Department of Environmental Protection, Review of economic impact studies of proposed air quality regulations.
- 1991 Government of New Brunswick, to analyze the Maine tax system.
- Maine Land Use Regulation Commission, to develop techniques for measuring the economic effects of Lake Concept Plans.
- Gulf of Maine Aquarium, to estimate economic impacts of building an aquarium
- 1990 Maine State Planning Office to estimate the economic value of the Casco Bay Region
- Michigan Department of Commerce, to assist in preparing a rural development strategy.
- 1989 Natural Resources Council of Maine to analyze the relationship between the Maine Growth Management Law and proposals for property tax reform. (with Josephine Laplante)

Maine State Planning Office, to devise a transferable development rights system for the Moosehead Lake region.

Professional Activities

University of Southern Maine

Chair, Masters Program in Community Planning and Development: 1996-2003, 2005- Present

Chair, PhD Program in Public Policy, 2003-2005;

Chair of Department Committees, including Curriculum, Academic Standing, and Search Committees. Member of Personnel, Admissions, and Accreditation Self-Study Committees. Field Experience (Internship) Coordinator. Dean Search Committee Chair 1997 & 2000.

USM Graduate Council 1996-Present

Member, University of Southern Maine Provost's Advisory Committee on International Academic Programs, 1990-1995. Chair, 1991-93

Member, Inter-university Council on the Wolfe's Neck Program in Environment and Society, 1993-94.

Member, University of Maine System Strategic Outlook Committee

Other

Chair, State of Maine Consensus Economic Forecasting Commission, 1992-.2011 (Appointed by the Governor and Speaker of the House)

Maine Model Manager, New England Economic Project, 1993-Present

Member, Toll Rate Advisory Committee, Maine Turnpike Authority 2008

Grant Reviewer John & Abigail Arts Program, Massachusetts Commission on the Arts 2006

Member, United States Committee on Global Ocean Observing Systems 2002-2007

Member, Heinz Center on Innovations in Coastal Zone Management, 2003-4

Steering Committee Member, Maine Environmental Priorities Council (Gubernatorial Appointment) 1993-1997

Program and Research Consultant, Maine Economic Growth Council. 1994-1997

Program and Curriculum Director, Leadership Maine (an educational program of the Maine Development Foundation) 1992-2004

Department of Environmental Protection, Strategic Plan Advisory Committee, 1996-7

Department of Human Services: Budget Advisory Committee, 1996-2000

Member, Editorial Board, *Québec Studies*

Referee for: *Journal of Ocean and Coastal Management*

Quebec Studies

Economic Development Quarterly

Coastal Management Journal

Journal of Forest History

Midwest Journal of Regional Science

Journal of Canadian Studies

U.S. Department of Commerce, National Oceanic and Atmospheric Administration

U.S. Department of Agriculture, National Research Initiative

U.S. Department of Housing and Urban Development, Community Development Work study Program

Faculty Associate, Lincoln Institute of Land Policy, 1991-94.

Member, Council of State Planning Agencies (Coordinator of 1988 Annual Conference in Portland, Maine)

Delegate to the Coastal States Organization, including 2 years on Executive Committee, one as Treasurer with operating responsibility for a \$250,000/year non-profit organization

Member, Department of the Interior's Outer Continental Shelf Oil and Gas Advisory Board, including 8 years on the Policy Committee (two as Vice-Chairman) and 7 years on the Regional Technical Working Group (one as Chairman).

Faculty Member, Institute for Professional Development, Thomas College. Taught seminars in taxation of insurance and pensions and in economic forecasting.

Faculty Member, Maine Labor-Management Institute

Member, Advisory Committee on the Economic Evaluation of the National Coastal Zone Management Program, National Coastal Resources Research and Development Institute.

Member, Agriculture Advisory Committee, the University of Maine College of Life Sciences and Agriculture.

Member, Advisory Committee, University of Maine-University of New Hampshire Sea Grant Program.

Regular presentations on economic outlook for the Joint Standing Committee on Appropriations of the Maine State Legislature.

Numerous appearances at professional conferences as panelist, speaker, discussant, or panel chair. Also numerous speaking engagements at service club and trade association meetings.

Frequently interviewed by both broadcast and print media.

Guest lecturer in courses at University of Rhode Island, Vermont Law School, the University of Maine, Colby College, Bowdoin College, and the University of New Hampshire.

Personal Born: November 18, 1949; New York, NY

Publications

BOOKS, BOOK CHAPTERS

Kildow, Colgan, and Pendleton 2009 “The Changing Ocean and Coastal Economies of the United States Gulf of Mexico” in Cato, James (ed) *Gulf of Mexico: Origin, Waters, and Biota* College Station, TX: Texas A&M University Press

Colgan and Barringer 2008 “A Brief History of Rural Development Policy” in Vail David: A Lead Sector Strategy for Rural Maine Augusta: Maine Center for Economic Policy

Colgan and Hartley 2008 “The Two Edged Scalpel: Health Care And the Rural Economy” in Vail (see above)

Innovation by Design: Improving Learning Networks in Coastal Zone Management (Co author with project working group) 2004 Washington: The H. John Heinz Center for Science, Economics and the Environment.

“The Rise of Urban Maine” in Barringer, Richard (ed) *Changing Maine 1960-2010*. 2004. Gardiner, Maine: Tilbury House Publishers.

Stephen Tomblin and Colgan (editors). *Regionalism in a Global Economy: Persistence and Change in Atlantic Canada and New England* 2003, Broadview Press.

Gittell and Colgan, “New England Regionalism: Economic Motivations And Barriers” in Tomblin and Colgan.

Colgan and Gittell, “Regionalism In New England Political And Governmental Institutions” in Tomblin and Colgan.

Colgan, “The Future Of Regionalism In Northeastern North America” in Tomblin and Colgan.

“Investing in Maine’s Public Capital and Infrastructure: Time for A Fresh Look” *Maine Choices: 1999*. Augusta: Maine Center for Economic Policy. 1998.

Economic Analysis for Watershed Managers: A Training Program for Natural Resource Managers (Co authors: Paul Brown, David Terkla, Jerry Diamintides). Boston: Urban Harbors Institute, 1998.

“Using Indicators of Environmental Quality: Promise and Pitfalls” in Improving Interactions Between Coastal Science and Policy Washington: National Research Council, 1995.

Sustaining Coastal Resources: Economics and the Natural Sciences (editor) Muskie Institute, 1995

“Economics, Natural Sciences, and the Search for Comprehensive Environmental Policy” in Sustaining Coastal Resources

Colgan and Irland, "The Meaning of Sustainable Development: Lessons from Maine History", chapter in Sustainable Development for Maine, Muskie Institute 1994

Editor (with Joseph Slavet) The Fiscal Crisis in the States: Causes, Consequences and Lessons from the Northeast Muskie Institute of Public Affairs, 1993

"The Fiscal Crisis in the States: Introduction and Overview" in "The Road to Fiscal Hell" in Fiscal Crisis in the States).

"Economic Growth Trends in the Gulf of Maine Littoral", in Townsend, David (Editor), The Gulf of Maine as an Estuarine System Washington, NOAA Office of Estuarine Programs, 1992. Also in Maine Business Indicators, Winter, 1990.

"The Changing Economy of Maine: A Comment". in Changing Maine: The Robert Masterton Lecture Series Portland: Edmund S. Muskie Institute of Public Affairs, University of Southern Maine 1990

"The Changing Finances of Maine: A Comment" in Changing Maine: The Robert Masterton Lecture Series Portland: Edmund S. Muskie Institute of Public Affairs, University of Southern Maine 1989

The Western Mountains of Maine: Towards Balanced Growth, with Barringer, et.al: The Mainewatch Institute 1987

"A State Perspective on Federalism Issues in OCS Development" in The Newest Federalism: Coastal Issues for the 1980's. University of Rhode Island- Center for Ocean Management Studies. 1982

"The Search for an Ocean Management Policy" in Goldstein, J. (editor) The Politics of Offshore Oil New York: Praeger Publishing 1982

JOURNAL AND OTHER ARTICLES

Colgan, Hunter, McGill, and Weiskittel. 2014. Managing the middle ground: forests in the transition zones between cities and remote areas *Landscape Ecology* 29:7 1133-1143

Colgan, Charles S. (2013). The ocean economy of the United States: Measurement, distribution, & trends. *Ocean & Coastal Management*, 71(1), 1–10

Kite-Powell, Colgan, and Weiher 2008 "The Economics of Coastal Ocean Observing Systems: An Introduction" *Journal of Coastal Management* April 36:2

Colgan and Merrill 2009 The Effects of Climate Change on Economic Activity in Maine: Coastal York County Case Study *Maine Policy Review*, January

Levert, M., Colgan and Lawton. "Are the Economics of a Sustainable Maine Forest Sustainable" *Maine Policy Review*, spring 2008

Colgan and Jeffrey Adkins "Hurricane Damage to the U.S. Ocean Economy in 2005" *Monthly Labor Review*, August, 2006

The Creative Economy in Maine: Maine's Creative Industries" 2005 *Southern Maine Review*

"Employment and Wages in the Ocean Economy of the United States" *Monthly Labor Review*, November 2004

Kite-Powell, Colgan, and Weiher, Economics of an Integrated Ocean Observing System. *Marine Technology Society Journal*. 37:3 1-11 2003

Colgan and Andrews, "Beyond the Unemployment Rate: Labor Force Analysis for Economic Development" August 2003, *Economic Development Quarterly*

Colgan and Baker, "A Framework for Assessing Clusters in Regional Economies" November, 2003, *Economic Development Quarterly*.

Colgan, Hartley, Lapping, Bird, and Leighton. "Community Responses to Rural Hospital Closures" (co authored with David Hartley, Mark Lapping, Donna Bird, and Al Leighton). Under revision for *Journal of Rural Health*.

Kildow, Colgan, and Kite-Powell. "Estimating the Economic Value of the Ocean" *Sea Technology* January, 2000.

"Long Range Economic and Population Forecasts for Maine". *Maine Business Indicators*. Summer, 1998. University of Southern Maine.

"The Catch-22 of Congestion Pricing" (Gary Quinlin, co-author) *Transportation Quarterly*, Fall 1997.

"Highway to Controversy: The Maine Turnpike and the Way Life Should Be". *Maine Policy Review*, Fall, 1997.

"People and Places: Geography and Workforce Development in New England" *Connection: New England's Journal of Higher Education and Economic Development* Spring 1997.

"Sustainable Development and Economic Development: Lessons from Canada", *Economic Development Quarterly*, May 1997.

"Brave New World: GATT, NAFTA, the U.S.-Canada Free Trade Agreement, and the future of State-Local Development Policies" *Economic Development Quarterly* May, 1995

"Regional Forecasts for Maine's Economy". (with Robert McMahon) *Maine Business Indicators*, Summer 1995.

"Electricity Prices in Maine: Trends and Prospects" *Maine Policy Review*, May 1994

"Economic Development in Maine: Emerging Opportunities" with Steven Ballard and Stephanie Seguino *Maine Policy Review*, May 1994.

"Maine Outlook" in *New England Economic Project Outlook* (May and October, 1993-present)

"Quebec Economic Development Policies in a Continental Economy" in *Quebec Studies*, Fall 1993

"Economic Development Policies in Montana", *Montana Business Quarterly* (Winter, 1992).

"The Internationalization of the Governor's Role: The New England Governors and Eastern Canadian Energy", *State and Local Government Review*, Fall, 1991

Cook, S., Colgan C., and Ashley, K. "Why Internationalize? Students from a Metropolitan University Respond". *Inquiry: Critical Thinking Across the Disciplines* 1991.

"Economics and the Environment: How Long Must the Battle Continue?" *Habitat*, Journal of the Maine Audubon Society, July 1991.

Colgan, C. and Gale, D. "Comprehensive Planning: A Progress Report on Maine's Growth Management Program", *The Maine Townsman*, March 1991.

"Economic Development Policy in Maine: The Next Debate" *Maine Business Indicators*, Portland: University of Southern Maine. Spring, 1991.

"Labor-Management Relations in Maine in the 1990's". *Maine Business Indicators*, Portland: University of Southern Maine. Summer, 1990

"An Introduction to Economics", *State of the Art Reviews in Occupational Medicine* January, 1989.

"As goes the Industry, So Goes the Forest", *Habitat*, Journal of the Maine Audubon Society, July 1988.

"The U.S.-Canada Free Trade Agreement and the Natural Resource Industries of Maine: Miles to Go and Promises to Keep", *Maine Business Indicators*, September 1988.

"Forecasting a State's Economy: The Maine Experience" with Lawton C.T. and Irland, L.C., 11 *Northeast Journal of Business and Economics* No. 1, Fall-Winter 1984.

CONFERENCE PAPERS AND ACTIVITIES

NOTE: In addition to formal papers presented at conferences noted below, I do 15-25 presentations at conferences and meetings per year, primarily on topics relating to the Maine economy and public policy issues in Maine and New England.

Colgan, Kim and Kartez. "On the Border: Assessing Landscape Sustainability at the Boundaries within Urban Regions" Urban Affairs Association, 2013

"Useful Strategies for Linking Effects of Coastal and Ocean Resource Uses to Regional Economies", March 2013, Center for Natural Resource Economics and Policy, New Orleans, LA

"Engineering Sustainability" 2012 American Council of Engineering Companies, Orono, ME

"Urban Form and Technology, Energy and Climate Change: The Challenge of Small Cities" Association of Collegiate Schools of Planning Annual Meeting October 2011, Salt Lake City, Utah.

"The Ocean Economy: An Introduction" National Council on Science and the Environment, January, 2011, Washington DC.

"State Support for R&D: Evidence of Effectiveness and Impacts on Cluster Development" Association of Collegiate Schools of Planning Annual Meeting. Milwaukee, October, 2007

“Regional Economic Change and Estuarine Management” 3rd Conference on Estuarine Habitat Restoration, New Orleans, LA 2006

“The Ocean Economy of the Gulf of Mexico” First Gulf of Mexico Summit, Corpus Christ, Texas, 2006

Kite-Powell, Colgan, Nakahara, Shirasaki, Aoki “Preliminary Studies on Economic Implications of Improved Ocean Observing Systems in the U.S. and Japan”.

“Defining and Measuring the New Economies” Association of Collegiate Schools of Planning, Portland Oregon, 2004.

“Ten things to know about the ocean economy”. 1993 National Governors Association Conference on State Responses to the U.S. Ocean Policy Commission

“Assessing Cluster Development in R&D Lagging Regions” Association of Collegiate Schools of Planning/Association of European Schools of Planning. 2003. Leuven, Belgium.

“The California Ocean Economy” California and the World Ocean, 2002.

“The Ocean and Coastal Economy of the United States: A Preliminary Look” 2002 Annual Meeting, Association of Collegiate Schools of Planning

“Developing the Infant Cluster: Marine Biotechnology in Maine” with Colin Baker 2001 Annual Meeting of the Association of Collegiate Schools of Planning, Cleveland, Ohio.

“Transportation and Land Use: How do Urban Travelers view the Tradeoffs?” 2000 Annual Meeting of the Association of Collegiate Schools of Planning, Atlanta, Georgia.

“Estimating the Economic Value of the Ocean in a National Income Accounting Framework with Preliminary Estimates of Gross Product Originating for 1997” Presented at the 2000 Meeting of The Coastal Society, Portland Oregon.

“Using Price Incentives for Environmental Policy: Lessons from the Maine Turnpike”. The Next Generation in Environmental Policy Conference, 1998. Portland, Maine.

“Impacts of Tobacco Tax Increases: An Update of the Michigan Studies”. Annual REMI Users Conference, Key West Florida.

“Economic Valuation of Coastal Resources”, Coastal Zone 95, July 1995, Tampa Fl..

“GATT, NAFTA, and the U.S.-Canada Free Trade Agreement: Implications for State and Local Governments. Biennial Conference of the Northeast Region of the American Society for Public Administration, October 1994. Burlington, Vt.

“Using REMI Models for Long Range Transportation Planning” presented at 1994 Regional Economic Models Inc. Users Conference, Minneapolis.

“Approaches to using economics for coastal zone management”, Coastal Zone 93 (New Orleans), July 1993

Invited Participant, "A Roundtable on Subsidies Definition", Dalhousie University, 1992.

"The Impact of a North American Free Trade Agreement on the Northeastern States", presented a Conference on the North American Free Trade Agreement, University of Vermont. 1992.

"The Historical Roots of the North American Free Trade Agreement", Annual Meeting of the Society for the Advancement of Socio-Economics, March 1992.

"Economic Development Policies of American States and Canadian Provinces", Biannual meeting of the Association for Canadian Studies in the United States, November 1991.

"The Gulf of Maine: Multiple Values, Multiple Conflicts", in Proceedings of the Gulf of Maine Conference. Gulf of Maine Working Group, Maine State Planning Office. 1989.

"U.S.-Canadian Subsidies Negotiations: Negotiating in the Mirror" Proceedings of a Conference on Subsidies in the United States. Toronto, Ontario Center for International Business. 1989.

"Alternative Dispute Settlement Mechanisms and the Resolution of International Trade Disputes: Symposium Comments", Maine Law Review, 1989

"The Impacts of Federal Tax Reform on Forestry in Maine: Some Observations", in Conference Proceedings: Tax Reform: Impacts on Forestry, Maine Department of Conservation, April, 1987.

"Research Needs in U.S.-Canadian Fisheries Trade" paper presented at Conference on Resource Economies in Emerging Free Trade, University of Maine at Orono, 1986

"Subsidies in International Trade: US-Canadian Trade in Fishery and Forest Products", paper presented at the Atlantic Canada Economics Association, 1986

"Can Cooperation Work? U.S.-Canadian Joint Approaches to North Atlantic Fishery Development" paper presented at Blaine House Conference on Maine- Canadian Trade 1985

"Spruce Budworm - The Economic Impacts and the Impacts of Economics", paper presented at the Eastern Spruce Budworm Association Annual Conference, 1984.

"Flawed Process and Weak Economics: International Trade Decisions Affecting the Maine Economy" with Irland, L.C. paper presented at Annual Conference of the Northeast Business and Economics Association 1984

"The Economics of Commercial Outdoor Recreation in Maine" paper presented at Conference on Commercial Recreation and Tourism, University of Maine at Presque Isle. 1983

"The Effects of Indexing the Maine Personal Income Tax", with Lawton, C.T. Paper presented at the New England Business and Economics Association Annual Conference. 1981

"Relative to What? The Economics of Energy in Cost-Benefit Analysis", in Symposium on Relative Price Shift Analysis as Applied to Public Power Projects. New England Division, U.S. Army Corps of Engineers. 1979

Chair, Panel on Canadian and American Approaches to the Teaching of Public Administration, Northeast Chapter of American Society for Public Administration, September 1990.

MONOGRAPHS AND REPORTS

Kildow, Colgan, Scorse, Johnson, and Nichols. *State of the U.S. Ocean and Coastal Economies* Monterey: Center for the Blue Economy

Climate Change and the Maine Economy in *Climate Change Effects on Maine* 2009 University of Maine

Colgan and Andrews *Evaluation of Maine Technology Institute Programs For Awards Ending June 30, 2006-June 30, 2008* for Maine Technology Institute 2009

Energy Efficiency, Business Competitiveness, And Untapped Economic Potential in Maine with Jonathan Rubin and Samuel Merrill. Maine Center for Business and Economic Research 2008

Maine's Technology Sectors and Clusters: Status and Strategy with Marianne Clark, Charles Lawton, and James Damicis: Maine Center for Business and Economic Research. 2008

Kildow, Colgan, et. al *Florida's Ocean and Coastal Economies Report: Phase II.* 2008. Prepared for Florida Oceans Council

“Are the Economics of a Sustainable Maine Forest Sustainable?” with Michael Levert and Charles Lawton. Maine State Planning Office/Maine Center for Business and Economic Research. 2007

Changes in the Maine Economy From Strategic Investments in the Transportation System Maine Center for Business and Economic Research and Maine Department of Transportation. 2008

Estimated Economic Impacts from the Construction and Operation of a Wind Power Project in the Kibby Mountain Area of Franklin County for Trans-Canada Energy Company, 2007

Regional Economic Overview Philadelphia Regional Office, U.S. Economic Development Administration 2007

Colgan and Andrews *Evaluation of Maine Technology Institute Programs For Awards Ending June 30, 2002-June 30, 2006* for Maine Technology Institute 2006

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