

BORIS E. BRAVO-URETA

Agricultural and Resource Economist Curriculum Vitae

KEY QUALIFICATIONS

Dr. Bravo-Ureta has been a Professor of Agricultural and Resource Economics at the University of Connecticut since 1980. He served as Executive Director of the Office of International Affairs from July 1998 to August 2008 where he had oversight for international activities at UConn. He also serves as the Director of the Learning for International Development (LID) Program since August 2008.

His technical expertise is in production and development economics. He has conducted extensive research on the forces leading to the growth of agricultural output with special reference to technical efficiency and productivity growth, economies of size, technology adoption, supply response, and natural resource management on hillside agriculture. He has done considerable work on the productivity of dairy farming and on the economics of agricultural production systems in the US, the European Union, Egypt, Ghana, Malawi, Senegal, Uganda, Kenya, Zambia and several Latin American countries including Argentina, Bolivia, Chile, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Paraguay and The Dominican Republic. More recently, Dr. Bravo-Ureta has focused on Impact Evaluation of development projects in Central America and the Caribbean, and on the connection between climate change and productivity growth in agriculture at the micro and macro levels. Over the years he has also coordinated various activities dealing with Chile, China, Egypt, Dubai, Armenia, India, Iraq, Turkey, Taiwan, Mexico, Vietnam, Cambodia and Brazil. Dr. Bravo-Ureta has taught courses in agricultural marketing, production economics, benefit-cost analysis, microeconomic theory, economic development, and impact analysis of development projects. In addition, he has directed and/or taught many short-term international training programs on numerous topics including: Monitoring and Evaluating the Impact of Development Projects; Financial and Economic Appraisal of Projects; Skills for the Successful Negotiation of Development Assistance; Agribusiness Management; Leadership and Strategic Management.

Dr. Bravo-Ureta has served as a consultant to various organizations and has traveled extensively. His work has been funded by several institutions including: Inter-American Development Bank; World Bank; US Agency for International Development; US Dep. of Agriculture; Food and Agricultural Organization of the UN; International Labor Office of the UN; Central American Bank for Economic Integration; US Dep. of Education; US State Dep.; Chilean Ministry of Agriculture; Norwegian Agency for Development Cooperation; Ministerio de Economía Familiar Comunitaria, Ministerio de Agricultura y Ganadería and Ministerio de Recursos Naturales in Nicaragua; Ministerio de Agricultura-Dominican Republic; República de Honduras-Secretaría de Agricultura y Ganadería; República de Honduras-PRONADERS; Chemonics International; TechnoServe; Fundación Chile; Storrs Agricultural Experiment Station; University of Talca in Chile.

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EDUCATION: B.S. 1975 Economics and Business, University of Wisconsin-River Falls
M.S. 1979 Agricultural and Applied Economics, University of Wisconsin-River Falls
Ph.D. 1981 Agricultural Economics, University of Nebraska

EXPERIENCE: 1975-76 Teaching Assistant, University of Wisconsin - River Falls
1977-80 Research Assistant, University of Nebraska
1980-87 Assistant Professor, University of Connecticut
1987-94 Associate Professor, University of Connecticut

1987-88 Visiting Faculty Fellow, Economic Growth Center, Yale University
 1992 Visiting Professor, Ecole Nationale d'Economie Appliquée, Dakar, Senegal (March & August)
 1994-95 Visiting Professor, Economics & Business, Universidad de Talca, Chile
 1998-2008 Executive Director, Office of International Affairs, University of Connecticut
 1994- Professor, University of Connecticut
 2008- Director LID Program, University of Connecticut
 2009- Adjunct Professor, Agricultural Economics, Universidad de Talca, Chile
 2011 Visiting Research Scientist, Institute National de la Recherche Agronomique (INRA), Rennes, France (July-August)

PROFESSIONAL SOCIETIES: American Agricultural Economics Association
 International Agricultural Economics Association
 Northeastern Agricultural and Resource Economics Association
 Chilean Agricultural Economics Society
 Argentinean Agricultural Economics Association

FIELDS OF SPECIALIZATION: Production Economics Agriculture & Economic Development
 Resource Economics Impact Evaluation of Development
 Projects

RESEARCH INTERESTS: Productivity & Efficiency Analysis Agrarian Structure in Latin America
 Economics of Firm Size Resource Management in Peasant
 Economies Technology Adoption Impact Evaluation of Development
 Projects
 Climate Change and Ag. Productivity

HONORS AND DISTINCTIONS: Sophomore Silver "R" 1973
 Junior Silver "R" 1974
 Senior Honorable Mention 1975
 President Student Economic Society 1974-75 University of Wisconsin
 Outstanding Ph.D. Student, Dept. of Ag. Economics, University of Nebraska, 1979
 University of Connecticut Faculty Summer Fellowship - 1986
 Yale University/Mellon Foundation Visiting Faculty Fellowship 1987-88
 Prize for the best paper presented at the XXV meeting of the Argentinean Agricultural Economics Association, 1994
 Northeast Ag. and Resource Economics Association Board of Directors, 1992-95
 Prize for the best paper presented at the XXIX meeting of the Argentinean Agricultural Economics Association, 1998
 Gamma Sigma Delta, Connecticut Chapter Award, 2001
 Prize for the best paper presented at the XXXV meeting of the Argentinean Agricultural Economics Association, 2004
 Participant in UConn's CIBER-Faculty Development Seminar, Management Development Institute, Gurgaon, India December 30, 2005-January 11, 2006
 Prize for the best paper presented at the XXXVII meeting of the Argentinean Agricultural Economics Association, 2006
 Prize for the best paper presented at the X meeting of the Agricultural Economics Association of Chile, 2006
 Participant in the University of Colorado's-Denver CIBER Faculty Development Seminar, China January 1-14, 2007
 NASULGC, International Committee, Org. & Policy (ICOP), Secretary, 2008-09

UConn, College of Agriculture and Natural Resources, Award of Excellence in Research, 2012
American Association of University Professors, Excellence in Research Award-Career, 2015

JOURNAL SERVICE: Northeast Journal of Ag. and Resource Economics, Editorial Board 1989-92
Argentinean Journal of Agricultural Economics, Editorial Board 1998-2006
The Pakistan Development Review, Editorial Board 2005-
Economía Agraria y Recursos Naturales, Editorial Committee, Spain 2009-
Agro Sur, Editor Asociado, 2010-
Journal of Productivity Analysis, Associate Editor 2012-
Revista Economía Agraria Chile, Editorial Council 2013-

LANGUAGES: Bilingual in English and Spanish; Intermediate French

GRANTS, CONTRACTS, CONSULTING

- NATIONAL SCIENCE FOUNDATION - "Taming Water in Ethiopia: An Interdisciplinary Approach to Improve Human Security in a Water-Dependent Emerging Region". 2016-2020 (Sr. Researcher).
- U.S. DEPT. OF AGRICULTURE: NATIONAL INSTITUTE of FOOD and AGRICULTURE – "Productivity Growth, Irrigation Efficiency and Climatic Variability in U.S. Agriculture: Empirical Analyses with Emerging Methodologies." January 2016-December 2019 (P.I.).
- ECONOMIC RESEARCH SERVICE – U.S. DEPT. OF AGRICULTURE. "Agricultural Productivity and Farm Size in Southern African Countries: Uganda, Tanzania and Malawi." 2015-2017 (P.I.).
- INTERNATIONAL LABOR OFFICE - UNITED NATIONS. "Training for Rural Economic Empowerment (Tree) in Zimbabwe: Impact Evaluation." June-December, 2015 (Consultant).
- U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT-PMIL. Productivity and Profitability Growth in Peanut Production: A Farm Level Analysis in Malawi, Mozambique and Zambia." December 2014-July 2017 (P.I.).
- PRONADERS. (PROGRAMA NACIONAL DE DESARROLLO RURAL SOSTENIBLE) - REPUBLICA DE HONDURAS. "Evaluación de Impacto y de Desempeño de Pronegocios Rurales" December 2014-August, 2015 (Consultant).
- WORLD BANK-WATER UNIT. "Improving Agricultural Water Productivity and Beyond: What are the Options?" May-December, 2014 (Consultant).
- INTER-AMERICAN DEVELOPMENT BANK (IDB) – "Asesoría para la Aplicación de Procedimientos Metodológicos de la Evaluación Final: Programa de Apoyos Productivos Agroalimentarios-APAGRO (Nicaragua)" April-June, 2014 (Consultant).
- U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT-PMIL via NC State. "Using Applied Research and Technology Transfer to Minimize Aflatoxin Contamination and Increase Production, Quality and Marketing of Peanut in Ghana." July 2013-July 2017 (Co-PI).
- U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT-PMIL via U of Georgia. "An Integrated Global Breeding and Genomics Approach to Intensifying Peanut Production and Quality: An Econometric Analysis of the Impact of Improved Seed Varieties." January 2014-May 2017 (Co-PI).
- U.S. DEPT. OF AGRICULTURE: NATIONAL INSTITUTE of FOOD and AGRICULTURE - "Interaction between Productivity Growth and Environmental Factors for Multi-Output Farms with a Dairy Focus". September 2011-August 2016 (P.I.).
- INTER-AMERICAN DEVELOPMENT BANK (IDB) – "Apoyo para la Metodología de Levantamiento de Datos e Información para la Evaluación Final y de Impacto: Programa de Apoyos Productivos Agroalimentarios-APAGRO (Nicaragua)" November-December, 2013 (Consultant).
- SECRETARIA DE AGRICULTURA-REPUBLICA DE HONDURAS "Definición de la Metodología

- Cuasi-Experimental para la Evaluación de Impacto del Programa PRONEGOCIOS”. August-October, 2013.
- U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT via Virginia Tech - *Education and Research in Agriculture* Project; Various Activities, September 2011-December 2013 (P.I.)
 - INTER-AMERICAN DEVELOPMENT BANK (IDB) – “Apoyo al Programa de Investigación y Desarrollo Agropecuario en la República Dominicana: Evaluación de Impacto.” April-June, 2012 (Consultant).
 - CONNECTICUT DEPARTMENT OF AGRICULTURE “Cost of Production for Milk in Connecticut.” January 2012-December 2012. (Project Coordinator).
 - MINISTERIO DE RECURSOS NATURALES (MARENA)-NICARAGUA “Diseño y Análisis del Estudio de Evaluación Ex-Post del POSAF II”. December 2011-May-2012 (Consultant).
 - INTER-AMERICAN DEVELOPMENT BANK (IDB) – “Another Look at the Impact Evaluation Framework for APAGRO in Nicaragua”. February 2011 (Consultant).
 - FOOD and AGRICULTURAL ORGANIZATION of the UNITED NATIONS (FAO-UN) via American University. “Smallholders in Transition: Two Case Studies on Chile”. June 2010-February 2011 (P.I.).
 - U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT – “Labor Market Assessment” as part of the *Education and Research in Agriculture* Project, Virginia Tech, Lead Institution, November 2010-September 2011 (P.I.)
 - WORLD BANK – IEG (Independent Evaluation Group) – “Impact Evaluation in Agriculture: An Assessment of the Evidence”. January 2010 (Reviewer).
 - INTER-AMERICAN DEVELOPMENT BANK (IDB) – “Designing Impact Evaluations for Agricultural Projects: Case Study of APAGRO, Nicaragua”. February 2010-November 2010 (Consultant).
 - MINISTRY OF AGRICULTURE-DOMINICAN REPUBLIC – “Estudio del Gasto Público Agropecuario y Fortalecimiento de Servicios Agropecuarios/Componente 1: Aspectos Tecnológicos-Análisis Económico”. April 2010-June 2010 (Consultant).
 - U.S. DEPT. OF AGRICULTURE: THE AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)- “Economic and Environmental Sustainability of Small and Medium Size Dairy Farms in New England”. January 2010-December 2012 (P.I.).
 - U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT/PEANUT CRSP - “Improving Livelihoods of Farm Households in Peanut Based Farming Systems in East Africa”. August 2007-July 2012 (P.I.).
 - CT DEPARTMENT OF AGRICULTURE - An Economic Analysis of Grape Production for Wine Making in Connecticut”. October 2009-October 2011 (P.I.).
 - USDA, CREES, STORRS EXPERIMENT STATION – “NC1042: Management Systems to Improve the Economic and Environmental Sustainability of Dairy Enterprises”. October 2009-September 2012 (P.I.).
 - INTER-AMERICAN DEVELOPMENT BANK (IDB) – “Apoyo Técnico a la Preparación del Programa Ambiental de Gestión de Desastres Naturales y Cambio Climático”. November 2009-March 2010 (Consultant).
 - INTER-AMERICAN DEVELOPMENT BANK (IDB) – “Programa de Apoyos Productivos Agroalimentarios (APAGRO): Capacitación Evaluación de Impacto”. November 2009-December 2009 (Consultant).
 - GOBIERNO DE HONDURAS- PROGRAMA DE MANEJO DE RECURSOS NATURALES EN CUENCAS PRIORITARIAS (MARENA) – “Medición de Indicadores, Estudio Econométrico y Evaluación Final de la Primera Fase del Programa MARENA”. March-November 2008 (Consultant).
 - U.S. STATE DEPARTMENT/WORLD LEARNING – “Iraqi Young Leaders Exchange Program for Undergraduate Students: Entrepreneurship”. Summer, 2008 (Program Director).
 - U.S. DEPARTMENT OF AGRICULTURE – FOREIGN AGRICULTURAL SERVICE – “Food Safety and US Regulations: An International Seminar”. November, 2007 (Program Director).

- U.S. DEPARTMENT OF AGRICULTURE – FOREIGN AGRICULTURAL SERVICE – “Principles and Practice of Agribusiness Management: An International Seminar”. July-August 2007 (Program Director).
- GOBIERNO DE HONDURAS- PROGRAMA DE MANEJO DE RECURSOS NATURALES EN CUENCAS PRIORITARIAS (MARENA) – “Apoyo para la Elaboración del Protocolo y Términos de Referencia para la Segunda Medición de los Indicadores de la Línea de Base del Programa MARENA”. April-May 2007 (Consultant).
- DUBAI EDUCATION COUNCIL (DEC). UConn-Dubai: Final Planning Phase. 2006-2007 (UConn’s Project Co-Director).
- INTER-AMERICAN DEVELOPMENT BANK (IDB)-MINISTERIO DE AGRICULTURA Y GANADERIA, EL SALVADOR. “Hacia una Política Nacional de Protección de Cuencas Hidrográfica: Experiencias del Programa Ambiental de El Salvador”. November 2006 (Consultant-Speaker).
- U.S.-MIDDLE EAST PARTNERSHIP INITIATIVE (MEPI) - “Menoufia University-University of Connecticut Partnership to Promote Women in Development.” 2005-2008 (Partnership Co-Director).
- INTER-AMERICAN DEVELOPMENT BANK (IDB)-OFFICE OF EVALUATION AND OVERSIGHT (OVE) - “Assessing On-Site Benefits Associated with The Environmental Program for El Salvador-PAES: Phase II.” April 2005-April 2006 (P.I.).
- U.S. DEPARTMENT OF EDUCATION and BRAZILEAN MINISTRY OF EDUCATION, FIPSE-CAPEs Project - “Sustainable Coastal Resource Management.” 2004-2008 (Team Member and Administrative Oversight).
- NORWEGIAN AGENCY FOR DEVELOPMENT COOPERATION (NORAD)/INTERAMERICAN DEVELOPMENT BANK - “Asesoraría para la Implementación del Estudio de Línea de Base y Sistema de Monitoreo y Seguimiento del PTCARL.” (TRIFINIO Project in Guatemala, Honduras y El Salvador) June-September, 2004 (Consultant).
- INTERAMERICAN DEVELOPMENT BANK - “Apoyo para la Formulación de Indicadores de Línea de Base y Metodología de Seguimiento y Monitoreo: Programa de Manejo de Recursos Naturales en Cuencas Prioritarias (MARENA, Honduras).” March-April, 2004 (Consultant).
- U.S.-MIDDLE EAST PARTNERSHIP INITIATIVE (MEPI): University of Connecticut/Ain Shams University (Cairo, Egypt) Institutional Partnership - “Master of Science in Information Technology and Entrepreneurship: Creating Synergies between IT and Business.” November 2003-September 2005 (Partnership Co-Director).
- U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT/Mexico TIES Partnership - “Enhancing the Marine Sciences and Coastal Management Programs at the *Universidad Autónoma de Baja California* and the University of Connecticut.” November 2002-September 2004 (Partnership Co-Director).
- U.S. DEPT. OF STATE - “Linkage Project Between The University of Connecticut and the *Ecole Nationale d’Economie Appliquée*, Senegal.” November 2001-September 2004 (Partnership Co-Director).
- UNIVERSIDAD AUSTRAL DE CHILE - “Training Contract between The University of Connecticut and the Universidad Austral de Chile.” August 2002-August 2005 (P. I.).
- INTERAMERICAN DEVELOPMENT BANK - “Watershed Management Studies: Assessing On-Site Benefits and Farm Profitability Associated with Natural Resource Investments among Small Scale Farmers in Central America (El Salvador, Guatemala, Honduras).” January 2002-September 2003 (P. I.).
- U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT/ PEANUT CRSP - “Socioeconomic Analysis of Peanut Production in Senegal and other West African Countries.” 2001-2006 (U.S. P. I.).
- INTERAMERICAN DEVELOPMENT BANK - “Apoyo a la Evaluación Final del Proyecto Chixoy.” Antigua, Guatemala, Octubre 2001 (Consultant).
- MINISTERIO DE EDUCACION, CHILE - “Taller de Innovación Pedagógica en Matemáticas a Nivel Secundario.” October-November, 2000 (Project Director).
- U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT- TECHNOSERVE INTERNATIONAL “Rural Organizations and Conservation Activity (ROCA).” San Salvador, El Salvador, 1999-2002 (P. I.).

- CONSEJO FEDERAL DE INVERSIONES, REPUBLICA ARGENTINA - "Economía de la Producción: Sector Lechero." August 2000 (Project Director).
- CENTRAL AMERICAN BANK FOR ECONOMIC INTEGRATION (BCIE) - "Project Evaluation for a Sustainable Development in Latin America." Tegucigalpa, Honduras, June-July, 2000 (Lead Instructor for modules on Financial and Economic Analysis of Projects).
- INTERAMERICAN DEVELOPMENT BANK - "Retooling Agro-Enterprise or *Reconversión Agroempresarial* (Es-0119)." San Salvador, El Salvador, June 2000 (Team Member on Profile II, Responsible for Component 1, An Information System for the Support of the Agricultural Sector or ISSAS).
- CHEMONICS INTERNATIONAL/U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT - "Administración Predial: Planes Optimos de Producción." Proyecto CRECER, San Salvador, El Salvador, April-June, 1999 (Consultant).
- ANAPO (Asociación Nacional de Productores de Oleaginosas)/PL 480, BOLIVIA - "Curso en Administración de Fincas." Santa Cruz, Bolivia, February-March, 1999 (Lead Instructor).
- CHEMONICS INTERNATIONAL/U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT - "Administración Predial: Costos y Rentabilidad." Proyecto CRECER, San Salvador, El Salvador, November-December, 1998 (Consultant).
- U. S. DEPARTMENT OF AGRICULTURE-FUND FOR RURAL AMERICA - "Agriculture in New England: Strengthening Economic, Environmental Quality, and Community." 1997-2001(Co-Investigator, with L. Lee and M. Altobello).
- CHILEAN MINISTRY OF AGRICULTURE - "Memorandum of Agreement between the University of Connecticut, Department of Agricultural and Resource Economics and the *Instituto de Desarrollo Agropecuario (INDAP)*." Ministry of Agriculture, Santiago, Chile, 1997-1999 (P. I.).
- UNIVERSIDAD DE TALCA, DIRECCION DE INVESTIGACIÓN - "Análisis de Productividad en el Sector Manufacturero de la Séptima Región." 1997-98 (P. I.).
- UNIVERSIDAD DE TALCA, DIRECCION DE INVESTIGACIÓN - "Una Estimación de los Precios del Suelo Agrícola en Chile." 1997-98 (P. I.).
- INTERAMERICAN DEVELOPMENT BANK - "Evaluación Crítica del Proyecto de Desarrollo Agrícola Lempa-Acahuapa: El Salvador." July-November 1997 (Consultant).
- UNIVERSITY OF VERMONT - "Impact of New England Dairy Compact." November 1997-September 1998 (Co-Investigator).
- U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT - Peanut CRSP "Socioeconomic Impacts of Alternative Peanut Production-Marketing Systems in Senegal." 1996-2001 (P. I.).
- UCONN Research Foundation - "Non Parametric Analysis of Productivity Growth and Agrarian Reform: The Case of Chile." 1996-97 (P. I.).
- CENTRAL AMERICAN BANK FOR ECONOMIC INTEGRATION (BCIE) - "Project Evaluation for a Sustainable Development in Latin America." October/November, 1996 (Lead Instructor, Modules on Financial and Economic Analysis of Projects).
- UNIVERSIDAD DE TALCA-DIRECCION DE INVESTIGACION Y ASISTENCIA TECNICA - "Acuerdos de Libre Comercio: Que Opinan los Agricultores de la Provincia de Talca?" 1995-96 (Co-P. I.).
- UNIVERSITY OF CONNECTICUT/STORRS EXPERIMENT EXTENSION - "Dairy Farm Productivity in the United States: Competitiveness and Welfare Implications." 1995-98 (P.I.).
- SECRETARIA REGIONAL MINISTERIO DE AGRICULTURA, VII REGION, CHILE - "Sistemas de Información para la Agricultura de la VII Región." University of Talca, Chile, 1995-96 (Co-P. I.).
- FUNDACION CHILE - "Desarrollo de Nuevas Oportunidades de Negocios en el Sector Agrícola." University of Talca, Chile, 1995-95 (Co-Investigator).
- MINISTERIO DE AGRICULTURA, CHILE/INDAP - "Centros de Gestión para la Agricultura Campesina." University of Talca, Chile, 1994-95 (Co-Investigator).

- NORTHEAST REGIONAL CENTER FOR RURAL DEVELOPMENT - "Coalitions for Agriculture and the Environment in Urbanizing Areas." 1993-94 (Co-Investigator).
- US AGENCY FOR INTERNATIONAL DEVELOPMENT/University Development Linkages Project - "Democratic Governance and Private Sector Development in Senegal." 1994-98 (Team Member).
- LASPAU – “Fulbright Scholars Screening Committee - Argentina, Chile, Uruguay, and Paraguay.” 1993 (Consultant).
- UCONN Research Foundation - "A Farm Level Analysis of Productivity Growth and Structural Change in Chilean Agriculture." 1992-93 (P. I.).
- USDA - "Reducing Nitrate in Ground Water by Improving Nitrogen Management for Sweet Corn." 1991-92 (Co-Investigator).
- USDA/AGRICULTURE IN CONCERT WITH THE ENVIRONMENT - "Use of Composts and Reduced Applications of Fertilizer and Herbicides to Conserve Soil and Groundwater Resources in Nurseries." 1991-92 (Co-Investigator).
- UCONN Research Foundation, Special Innovative Research Grant - "A New Production System for Single Stem Flowers." 1990-92 (Co-Investigator).
- UCONN, Research Foundation - "Technical Efficiency using Panel Data and Alternative Stochastic Frontier Estimators." 1990-91 (P. I.).
- CONNECTICUT DEPARTMENT OF AGRICULTURE - "The Impact of Coupons on Farmer Market Participation by Low-Income Consumers." 1989-90 (Co-Investigator).
- BEEBE AND O'NEIL - "Economic Analysis of Production and Distribution in the Connecticut Egg Industry." Norwich, CT 1988-89 (Expert Witness/Consultant).
- UCONN Research Foundation - "The Effect of Credit Availability on Small Farm Income and Employment in the Azua Valley of the Dominican Republic." 1988 (Co-P. I.).
- UCONN Research Foundation - "Technical Efficiency Measures for New England Dairy Farms Using Stochastic Production Frontiers." 1987 (P. I.).
- UCONN Research Foundation Faculty Summer Fellowship - "Economies of Size, Efficiency and the Structure of Dairy Farms in Northeastern United States." 1985 (P. I.).
- USDA/ACS - "The Impact of Cooperative Membership on the Performance of Dairy Farms." 1985 (Co-P.I.).
- UCONN Research Foundation - "Socioeconomic Characteristics of Dairy Cooperative Members in New England." 1985 (P. I.).
- UCONN Research Foundation - "Methodological and Empirical Study of 'Average' and 'Best' Practice Production Functions: The Case of Milk Production in New England." 1983 (P. I.).
- SUNNY VALLEY FOUNDATION - "Economic Evaluation of Electricity Generation from Dairy Manure Based on the Sunny Valley Foundation Digestion System." New Milford, CT, 1982 (Consultant).

PROFESSIONAL SERVICE

UCONN Faculty Review Board, 2013-2016

UCONN ARE Representative to Dean's PTR Committee, 2009-2015

ENOMETRICS XX-Universidad de Talca, Talca, Chile, Member of the Scientific Committee, 2013 and of the Local Organizing Committee

IAAE, Section Leader, Productivity Analysis & Emerging Technologies, 2012 Conference, Foz de Iguacu, Brazil

ENOMETRICS XIX-Coimbra and VISEU, Portugal, Member of the Scientific Committee, 2012

UCONN FACULTY REVIEW BOARD, 2012

UCONN-CANR Research Advisory Council, 2010-

III CONGRESO REGIONAL DE ECONOMIA AGRARIA-Valdivia, Chile, President of the Scientific Committee, 2011

ENOMETRICS XVIII-Angers, France, Member of the Scientific Committee, 2011

UCONN CANR Renovation and Planning Committee 2009-2011
 KARI (Kenya Agricultural Research Institute), Organizer and Chair of Global Aspects of Groundnut Research Session, KARI Biennial Scientific Conference, November 2010
 UCONN ARE Head, Search Committee, Food Systems Position, 2010
 IAAE Selection Committee, T.W. Schultz Award, 2009 Conference, Beijing, China
 CANR International Programs Committee, 2009
 DARE Graduate Examination Committee, 2009
 DARE International Affairs Committee, 2009
 NASULGC International Committee on Organization and Policy (ICOP), Secretary, 2008
 CIBER (Center for International Business Education and Research), Member of Advisory Council, 1998-
 IAAE Poster Session Reviewer 2006 Meetings
 UCONN President's Committee on Corporate Social Responsibility, January 2006-2008
 UCONN's Center for Globalization and Commerce, Member of Oversight Committee 2005-2008
 UCONN Office of Multicultural and International Affairs, Chair of Task Force on Mission and Vision 2005-2006
 SECID (South East Consortium for Economic Development) Chairman of the Board, 2005-2006
 UCONN President's Task Force on Sweatshop Labor, March 2005-November 2005
 SECID (South East Consortium for Economic Development) Executive Committee 2000-
 NASULGC (National Association of State Universities and Land Grant Colleges) Commission on International Affairs, Member of Standing Committee on International Development 1999-
 SECID (South East Consortium for Economic Development) Member Board of Trustees, 1999-
 UCONN -Search Committee, Director Study Abroad 2003
 Buguruka Orphan and Community Economic Development, Inc. (BOCED), Member Board of Directors, 2002-03
 UCONN Student and Exchange Visitor Information System (SEVIS) Committee, Co-Chair, 2002
 AAAEA – Reviewer, International Development submissions, 2002
 UCONN Senate, 2000-2003
 WORLD AFFAIRS COUNCIL (Hartford, CT), Member Board of Directors, 1998-2003
 UCONN Latin American Studies, Coordinating Committee 1992-93, 1993-94, 1996-98
 CANR - Dean's Faculty Advisory Council 1994-95; 1996-98
 DARE Promotion, Tenure and Reappointment Committee - 1995-97
 DARE Seminar Committee - 1995-97, 1988-90
 NCR-188, Identification and Analysis of Issues Influencing the Competitiveness of the U.S. Dairy Industry, Committee Member, 1995-
 DARE Undergraduate Teaching Committee 1990-94
 AAAEA Costs and Returns Task Force 1991-93
 NJARE Editorial Board 1989-92
 AAAEA Selected Papers Committee-Reviewer 1991, 1992
 NAREA Membership Committee 1988-91, Chairman 1990-91
 UCONN International Affairs/Studies Degree Programs Committee - Member 1990
 DARE Extension Committee 1990-94
 INTERNATIONAL AFFAIRS/LAMS-Organizer of the Workshop "Analysis and Management of Development Projects in the Latin American Context" 1991-94
 UCONN Latin American Studies, Financial Aid Committee 1992-93, 1993-94
 CANR-Search Committee Dean of the College of Agriculture 1992
 CANR-Ad-hoc Committee on Environmental Science Curriculum 1992
 NC-198, Analysis of Selected Economic Factors Affecting the Long-Run Viability of the Northern Dairy Industry 1989-1994; Chair, Production Subcommittee, 1991-93; Workshop Moderator 1990
 DARE Undergraduate Committee 1988-92
 UCONN Latin American Studies Executive Committee 1988-91
 DARE Search Committee - The Marketing Position 1989-90
 CANR-Chair, Non-Departmentalized PTR College Committee 1990

DARE Member of the Seminar and Publications Committees 1989
DARE Chair of the Seminar Room AD Hoc Committee 1989
NAREA Nominating Committee - 1988
UCONN Fulbright Scholarship Committee - Member 1986-88
DARE PTR Standards Committee 1988-91
DARE Affirmative Action Representative 1986
NAREA M.S. Thesis Awards Committee, 1984, 1985, 1986 (Chairman)
NE-153, Implications of Policies to Balance National Milk Production and Consumption 1984-1989;
Chairman, Production Working Group 1984-85
NE-Regional Farm Management Committee 1984-85
NE-134, An Economic Analysis of Contract Production and Marketing of Broilers and Eggs in the Northeast
1981-84; Secretary 1982-84
NE-Regional Agricultural Marketing Committee 1981-84; Secretary 1982-83
NE-126, An Analysis of the Spatial Organization of the Northeast Dairy Industry, Committee Member 1983
NAREA Vice-Chairman Selected Papers and Symposia Committee, 1983
DARE Undergraduate Counseling Committee - Chair 1983-86
UCONN Storrs Research Advisory Council - Member 1983-86
DARE Faculty Trustee Dinner Committee - Member 1983-86
CANR RHSA Curricula and Courses Committee - Member 1983-86
CANR Member of the Poultry Extension Team 1986-90
DARE Co-chair Planning Committee for the "Connecticut Agricultural and Resource Outlook Conference,"
1985-87
CANR-International Programs Committee 1983-84
CANR-Subcommittee Lower Division Courses 1983-84
CANR Micro-computer Committee 1981, 1983
CANR Food Systems Management Coordinating Committee 1983
DARE Industry Support and Careers Committee 1983
DARE Graduate Examination Committee 1981, 1985-90
DARE General Agriculture Program Committee 1981
CANR Poultry Program Committee 1981

BORIS E. BRAVO-URETA

PUBLICATIONS

REFEREED JOURNAL ARTICLES

- Njuki, E., **B. E. Bravo-Ureta** and D. Mukherjee. The Good and the Bad: Environmental Efficiency in Northeastern U.S. Dairy Farming. *Agricultural and Resource Economics Review* (2016): Forthcoming.
- Asekenye, C., **B. E. Bravo-Ureta**, M. Deom, N. Kidula, D. Kalule Okello, N. Okoko and N. Puppala. "Productivity Gaps among Groundnut Farmers in Kenya and Uganda: A Stochastic Production Frontier Analysis." *African Journals of Agricultural and Resource Economics* (2016): Forthcoming.
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- Bravo-Ureta, B. E.**, C. M. Gorigoitia and J. D. Osorio. *¿Cuán Rentable es la Agricultura en Chile? El Caso de los Principales Cultivos Anuales de la VII Región.* Serie Documentos No.2, INDAP/Universidad de Talca, Chile, Noviembre 1997.
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- Mills, B., and **B. E. Bravo-Ureta.** *A Comparison of Human Capital and Structural Models of the Distribution of Earnings: Evidence from Connecticut.* University of Connecticut, Storrs Agricultural Experiment Station Research Bulletin No. 475, July 1987.
- Lee, T. C., **B. E. Bravo-Ureta** and C. Ling. *An Analysis of Technical Efficiency and Cooperative Membership for New England Dairy Farms.* USDA, ACS Research Report No. 57, December 1986.
- Bravo-Ureta, B. E.**, and G. McMahon. *The Economic Feasibility of Electricity Generation on Cage Layer Operations.* University of Connecticut, Storrs Agricultural Experiment Station Research Report No. 79, May 1984.
- Bravo-Ureta, B. E.** , and G. A. Helmers. *Price, Yield and Net Income Variability for Selected Field Crops and Counties in Nebraska.* University of Nebraska, Agricultural Experiment Station Research Bulletin No. 302, February 1983.

INVITED LECTURES/PRESENTATIONS/SEMINARS

- “Clima, Agua y Productividad en la Agricultura: Evidencia Empírica de Estudios Económicos,” Inaugural Plenary Presentation, 66° Congreso SACH y 13° SOCHIFRUT, November 17, 2015, Valdivia, Chile.
- “Retos del Cambio Climático en la Eficiencia y Productividad Agropecuaria: Evidencia de las Américas,” V Seminario Internacional de Economía para la Avicultura, August 20-21, 2015, Quito, Ecuador.
- “Impact Evaluation and Development Effectiveness: Concepts with an Empirical Application,” Universidad de Talca, Ciclo de Seminarios de Post-Grado, June 2, 2015.
- “Farm Cost of Production and Profitability Analysis: Some Key Concepts,” Invited Presentation in the Plenary Session *Productivity, Costs and Profits: A Research Agenda for Wine Grape Production in New World Countries*, American Association of Wine Economics, May 27, 2015, Mendoza, Argentina.
- “Agricultural Productivity Growth and Water: A Review of the Frontier Function Literature,” Invited Presentation in the Panel *Improving Agricultural Water Productivity: Opportunities and Challenges*, World Bank Water Week May 21, 2015, Washington D.C. (Presented through virtual

- connection from Dakar, Senegal).
- “Atelier de Renforcement des Capacités des Enseignants-Chercheurs en Enseignement d’Evaluation d’Impact” Workshop, USAID, ERA, May 18-22, Dakar, Senegal.
- “ A Meta Analysis of the Frontier Literature with a Special Focus on Water Studies,” Department of Economics, University of California Riverside, March 2, 2015.
- “Farm Efficiency and Water: Some Lessons from the Frontier Function Literature”, Facultad de Ciencias Agrarias, Universidad de Talca, Chile, December 19, 2014.
- “Agricultural Productivity Growth and Water: Evidence from the Frontier”. Going Beyond Agricultural Water Productivity, International Workshop, The World Bank, Washington, DC, December 8, 2014.
- ”Panel Discussion on Going Forward: Conceptual and Data Issues”, Going Beyond Agricultural Water Productivity, International Workshop, The World Bank, Washington, DC, December 9, 2014.
- “Agricultural Productivity Growth in Latin America and the Caribbean (LAC): An Analysis of Climatic Effects, Convergence and Catch-up” M. Lachaud, Presenter, B. Bravo-Ureta and C. Ludena, co-authors, Agricultural Productivity in LAC, Inter-American Development Bank, Workshop, Washington, DC, November 24th, 2014.
- “Estrés Climático y Productividad en Ganado Lechero: Evidencia Econometrica de Tres Estados de USA” XXIV Reunión Internacional sobre Producción de Carne y Leche En Climas Cálidos, Noviembre 13 y 14, 2014, Torre Académica Mazatlán, Campus Mazatlán, UAS –Mazatlán, Sinaloa, México.
- “Proyectos de Desarrollo, Cambio Tecnológico y el Factor Empresarial: Una Agenda en Evolución”, Invited Session, 4^{to} Congreso Regional de Economía Agraria, October 22, 2014, Buenos Aires Argentina.
- “Efectos Climáticos y Productividad en la Agricultura: Evidencia Econométrica de Predios Lecheros en USA” Invited Panel, 4^{to} Congreso Regional de Economía Agraria, October 23, 2014, Buenos Aires Argentina.
- “Agriculture and Climatic Effects: An Overview of On-going Macro and Micro Productivity Work.” Facultad de Ciencias Agrarias, Universidad de Talca, Chile, March 20, 2014.
- “The Evolution of Agricultural Productivity in Latin America: Econometric Evidence Incorporating Climatic Effects.” School of Management, University of Leicester, England, January 24, 2014.
- “Evolución de la Productividad en la Agricultura Latinoamericana: Evidencia Econométrica Considerando Efectos Climáticos.” XVII Congreso de Economistas Agrarios de Chile, Octubre 17 y 18, 2013, Termas de Chillán, Chile (with Michée Lachaud and Carlos Ludeña).
- “The Cost of Producing Milk in CT.” Presented at New England Dairy Conference, Tolland CT March 11, 2013.
- “An Economic Analysis of Wine Grape Production in the State of Connecticut”. Presented at Connecticut Farm Wine Council Meeting, March, 13, 2013. (Presented by J. Jelliffe).
- “Essential Skills for Assessing the Impacts of Agricultural Projects.” Workshop, Cheik Ante Diop University, Dakar, Senegal, January 22, 2013.
- “Strategic Planning for an *Institute Supérieure d’Agriculture*.” Workshop, Cheik Ante Diop University, Dakar, Senegal, January 21, 2013.
- “Assessing the Impact of Developing Projects: Conceptual Frameworks and Recent Evidence.” Workshop Presentation, University of Talca, Chile November 15, 2012.
- “Changing Climatic Conditions and Productivity Growth in Agriculture.” Workshop Presentation, University of Talca, Chile November 14, 2012.
- “Evaluating the Impact of High Value Markets on Smallholder Efficiency in the Ecuadorean Sierra: A Stochastic Production Frontier Approach Correcting for Selectivity Bias”. Panel Presentation at Innovations in Impact Assessment of Agricultural Research: Theory and Practice, Pre-conference Workshop at the International Association of Agricultural Economists (IAAE) meetings, Foz do Iguaçu, Brazil, August 18, 2012. (Gonzalez, M., B. E. Bravo-Ureta, D. Solís and P. Winters).
- “Modern Rice Technologies and Productivity in The Philippines: Disentangling Technology From Managerial Gaps”. Invited Presentation Asia Pacific Productivity Conference, Bangkok, Thailand, July 25-28, 2012. (with R. Villano, E. Fleming and D. Solís).
- “Impact Evaluation of Agricultural Development Projects.” Kenya Agricultural Research Institute (KARI), Nairobi, Kenya, April 30-May 2, 2012.

“From Grapes to Wine: An Overview of the Chilean Success Story”. Closing Presentation, XIX ENOMETRICS Conference in Coimbra & VISEU, Portugal May 30 to June 02, 2012 (B. E. Bravo-Ureta, Roberto Jara and Javier Troncoso)

“Future Vision: Program Priorities in Production Economics.” Panel Presentation, Peanut CRSP Strategic Research Conference, Valletta, Malta, December 14, 2011.

“Sostenibilidad Ambiental y Cambio Climático en Modelos de Productividad Agrícola: Métodos y Aplicaciones.” III Congreso Regional de Economía Agraria, Universidad Austral, Valdivia, Chile, November 9-11, 2011.

“Impact Evaluation of Development Projects: A Workshop.” Inland Fisheries Research and Development Institute (IFReDI), Phnom Penh, Cambodia, May 3-4, 2011

“Impact Evaluation of Development Projects: A Workshop.” Can Tho University, Can Tho, Vietnam, April 28-29, 2011.

“Technical Efficiency Analysis Correcting for Biases from Observed and Unobserved Variables: An Application to a Natural Resource Management Project.” Department of Agricultural and Resource Economics, University of Connecticut, November 12, 2010.

“Analysis of Costs and Returns for Farming Operations”, Workshop conducted by KARI, Kisii, November 4-6, 2010.

“Technical Efficiency Analysis Correcting for Biases from Observables and Unobservables: Evidence from Honduran Hillside Farmers.” Institut National de la Recherche Agronomique (INRA), Rennes, France, October 11, 2010.

“An Economic Analysis of Grape Production for Wine Making in Connecticut.” Gouveia Vineyards, Wallingford, Connecticut, August 19, 2010.

Interamerican Development Bank, “Setting up an Evaluation in Nicaragua: The case of APAGRO”, Invited Presentation at the *IDB Impact Evaluation Workshop*, Washington D.C., March 17, 2010.

Interamerican Development Bank, “Impact Evaluation and Cost-Benefit Analysis: Concepts and Examples”, Invited Presentation at the *IDB Impact Evaluation Workshop*, Washington D.C., March 18, 2010.

University of Talca, “Análisis de Productividad en el Sector Agrícola Usando Datos de Panel y Modelos Econométricos”, Invited Lecture, November 4, 2009.

University of Talca, “Evaluación de Impacto de Proyectos de Desarrollo: Fundamentos y Evidencia de Estudios Recientes”, Two Invited Lectures, November 2-3, 2009.

USAID-HED, “Role of Higher Education in Confronting Today’s Challenges”, Invited Panelist, October 9, 2009, Veracruz, Mexico.

Interamerican Development Bank, “Natural Resource Management and Farm Household Income: An Evaluation of the Impact of MARENA in Honduras”, Invited Presentation at the Workshop *Evaluating the Impact of Agricultural Projects in Developing Countries*, Washington D.C., October, 19-20, 2009.

Universidade Federal Fluminense, “Natural Resource Management and Productivity among Small Holder Households: Recent Evidence from Central America”, Marine Biology Department, Niteroi, Brazil, September 2, 2009.

University of Córdoba, “El Impacto de Proyectos de Recursos Naturales en la Productividad de Hogares Campesinos en Centroamérica: Métodos y Evidencia”, Inaugural Lecture, IV Congreso de Eficiencia y Productividad (EFIUCO) University of Córdoba, Spain, May 21, 2009.

University of Nebraska-Lincoln. “On Measuring Productivity Impacts of Development Projects: A Synthesis from Work on Hillside Agriculture in Central America”, Agricultural Economics Department, Lincoln, Nebraska, February 6, 2009.

University of Talca.”Impacto de Proyectos de Riego en la Productividad: Que nos Dice la Literatura Internacional”, Inaugural Presentation, Final Seminar, Chile-Ghana CGIAR Challenge on Water & Food Program, December 4, 2008.

Interamerican Development Bank and Honduran Ministry of Agriculture and Livestock. “Evaluación Final del Programa MARENA”, Tegucigalpa, Honduras, November 17, 2008.

Menoufia University. “An Overview of Efficiency Analysis in Agriculture with Reference to the Egyptian Case”. Shibin El-Koom, Egypt, March 17, 2008.

Higher Education for Developmental and U.S. Agency for International Development. “The UCONN-

- UABC Partnership: An Ongoing Collaboration”, at the Workshop *United States and Mexico Strengthening TIES: Expanding the Impacts*, Querétaro, Mexico, June 13-15, 2007.
- Interamerican Development Bank. “Assessing on-Site Benefits Associated with the Environmental Program for El Salvador (PAES): Phase II”, Invited Seminar, Washington D.C., November 28, 2006.
- Interamerican Development Bank and Ministry of Agriculture, El Salvador. “Impacto Económico del PAES: Una Colaboración entre La Universidad de Connecticut y El BID”, Invited Conference, Hotel Hilton Princess, San Salvador, El Salvador, November 8, 2006.
- Caucasus Research Resource Center. “Technical Efficiency in Farming: A Meta-Regression Analysis”, Yerevan, Armenia, May 23, 2006.
- Centre Culturel Wallonie-Bruxelles. “Agriculture, Trade Liberalization and Productivity Growth: Critical Actions for the Farming Sector in Poor Countries”, Kinshasa, Democratic Republic of Congo, February 15, 2006.
- Ain Shams University “An Overview of the University of Connecticut and the Office of International Affairs” Cairo, Egypt, November 19, 2005.
- Universidad Nacional de Lomas de Zamora. “Productividad de la Agricultura a Nivel Internacional: Un Análisis Comparativo de Algunas Variables Claves”, Plenary Paper Presented at the XXXVI Annual Meeting of the Argentinean Association of Agricultural Economists, Adrogué, Provincia de Buenos Aires, Argentina, October 26, 2005.
- University of Connecticut. “Poverty and Natural Resource Management in Central America: UCONN-IDB Technical Cooperation”, Storrs, CT, World Food Day October 14, 2005.
- Universidad Autónoma de Baja California (UABC). “Proyectos de Recursos Naturales en Centro América: Avances en la Medición de Impactos Económicos”, Ensenada, Baja California, Mexico, September 30, 2005.
- Menoufia University. “Agricultural Productivity Growth: Some Key Issues”, Shibin El-Koom, Egypt, March 9, 2005.
- University of Talca. “Conservación de Suelos, Diversificación Productiva e Ingreso Familiar: Evidencia de Beneficiarios de dos Proyectos del BID en Centro América”, Talca, Chile, May 17, 2004.
- Interamerican Development Bank, Office of Evaluation and Oversight (with H. Cocchi). “Soil Conservation, Output Diversification and Farm Income: Evidence from Beneficiaries of Two Natural Resource Projects in Central America”, Washington D.C., February 25, 2004.
- University of Göttingen. “Farm Level Investment Analysis Using Linear Programming” (with D. Solís) and “An Econometric Analysis of Land Values in Chile Using Hedonic Models”, Göttingen, Germany, October 11 and 13, 2003.
- Interamerican Development Bank and Ministry of Agriculture, El Salvador. “Impacto Económico de Las Tecnologías de Conservación de Suelos y Agroforestería del PAES”, Invited Lecture, Hotel Camino Real Intercontinental, San Salvador, El Salvador, September 12, 2003.
- CATIE, Diálogo Regional, Tegucigalpa, Honduras (with H. Cocchi). “Análisis de Beneficios de Tres Programas de Manejo de Recursos Naturales en Guatemala, El Salvador y Honduras” May 15, 2003.
- Interamerican Development Bank, Retreat, Environment Division-Region II. “Evaluación de Beneficios a Nivel de Finca en Tres Proyectos de Manejo de Recursos Naturales en Centroamérica” Landsdowne Resort, Virginia, January 23, 2003.
- 18th Annual General Meeting of the Pakistan Society of Development Economists, Islamabad, Pakistan. “Research, Extension and Information: Key Inputs in Agricultural Productivity Growth”, Invited Distinguished Lecture, January 13, 2003.
- Universidad Nacional de Río de Cuarto, Argentina. “Un Meta-Análisis de Eficiencia Técnica en Empresas Agrícolas: Una Perspectiva Internacional” August 20, 2001.
- Universidad Austral, Valdivia, Chile. “Eficiencia Técnica en el Sector Agrícola: Una Evaluación Comparativa a Nivel Internacional” May 4, 2001.
- Escuela Nacional de Agricultura (ENA) San Andrés, El Salvador. “Centros de Gestión Empresarial: Un Instrumento para Mejorar la Rentabilidad en la Agricultura” November 15, 2000.
- Banco Centroamericano de Integración Económica (BCIE), Tegucigalpa, Honduras. “Centros de Gestión Empresarial: Un Instrumento para Mejorar la Rentabilidad en la Agricultura” November 1, 2000.

Interamerican Development Bank, Washington D.C. "Centros de Gestión Empresarial: Una Alternativa para la Agricultura Campesina en Latinoamérica" April 26, 2000.

Ministerio de Agricultura y Ganadería, Guatemala City, Guatemala. "Centros de Gestión Empresarial: Un Instrumento para Mejorar la Rentabilidad en la Agricultura" January 26, 2000.

GESTION EMPRESARIAL: Instrumento para la Modernización del Sector Agrícola, San Clemente, Talca, Chile. "Centros de Gestión para El Salvador: La Propuesta del Proyecto Roca" November 4, 1999.

Sino-US Symposium on Agricultural Biotechnology, Yangling, China. "Productivity Growth and Agricultural Development: The Role of Research and Extension" July 1999.

Symposium Internacional de Agricultura Sostenible y Orgánica: La Huasteca hacia el Tercer Milenio, Pachuca, Hidalgo, Mexico. "Criterios Generales para la Evaluación de Proyectos de Agricultura Sostenible" January 27, 1999.

INDAP, Ministerio de Agricultura, Santiago, Chile, "Investigación en Economía Agraria en Torno a los Centros de Gestión: Algunas Proposiciones" October 15, 1998.

Universidad Nuestra Señora de la Paz, La Paz, Bolivia, "Estudios de Postgrado en La Universidad de Connecticut" October 13, 1998.

International Seminar "A Decision Making Opportunity", Rapporteur for the two papers presented in the session *Bio-economic Modeling*, La Condesa Hotel, Heredia, Costa Rica, September 7-8, 1998.

AAEA International Conference "Agricultural Intensification, Economic Development and the Environment", Rapporteur for the four papers presented in the session *Economic Modeling of Development and Environment Tradeoffs: Alternative Approaches*, Salt Lake City, Utah, July 31-August 1, 1998.

University of Massachusetts, "Productivity Research in the Senegalese Agricultural Sector." February 6, 1998.

University of Connecticut, Department of Nutritional Sciences. "Benefit Cost Analysis and Decision Making in the Public and Private Sectors." December 4, 1997.

Universidad de Talca, Talca, Chile. "La 'Transformación Económica' y el Rol del Sector Agrícola en el Proceso de Desarrollo", Annual Meeting of the Chilean Agricultural Economics Society, November 20, 1997.

INDAP, Ministerio de Agricultura, Santiago, Chile, "Discusión en Torno a la Rentabilidad de la Agricultura Chilena" November 14, 1997.

New England Political Science Association, "Opinions from a Sample of Chilean Farmers Concerning Free Trade Agreements", May 2, 1997.

University of Connecticut, Animal Science Department, "Productivity Growth in Dairy Farms: Some Econometric Evidence," January 31, 1997.

University of Oviedo, Asturias, Spain, Department of Economics, "Análisis de Eficiencia Usando Fronteras Estocásticas y Datos de Corte Transversal con una Aplicación para la República Dominicana", June 20, 1996.

University of Connecticut, Department of Agricultural and Resource Economics, *Connecticut Agriculture and Resources 2000: Planning for the Future*, "Dairy Farm Profitability in Connecticut: Some Preliminary Estimates." April 9, 1996.

University of Talca, Talca, Chile. "Chilean Public Opinion About NAFTA: The Case of Farmers from Talca Province." October 16, 1995.

Institute of Public Service, Hartford, Connecticut. "Environmental Analysis and Sustainable Development." February 18, 1994.

Institute of Public Service, Hartford, Connecticut. "Economic Analysis of Projects in Developing Countries." February 11 and 14, 1994.

Servicio Informativo y Cultural de los Estados Unidos, Asunción, Paraguay. "Análisis de Productividad en la Agricultura Latinoamericana y Caribeña," October 13, 1993.

University of Connecticut, Division of International Affairs. "Productivity Growth in U.S. Agriculture: The Role of Research and Extension," July 1, 1993.

Universidad de Cuyo, Mendoza, Argentina. "La Medición de la Productividad en el Sector Agrícola en Países en Desarrollo: Aspectos Metodológicos," May 18, 1993.

Universidad de Río Cuarto, Río Cuarto, Argentina. "La Medición de la Productividad en el Sector Agrícola en Países en Desarrollo: Aspectos Metodológicos," May 17, 1993.

Ecole Nationale de Economie Applique, Dakar, Senegal. "An Empirical Analysis of Rural to Urban Migration: The Case of Ecuador," March 18, 1992.

Ecole Nationale de Economie Applique, Dakar, Senegal. "Productivity Measurement in the Agricultural Sector," March 16, 1992.

1991 Connecticut Greenhouse Shortcourse, Meriden, Connecticut. "Determining Production Costs," October 24, 1991.

1991 New England Poultry Management Conference, Andover, Massachusetts. "Economics of Brown and White Egg Layers," September 11, 1991.

University of Connecticut, Nutritional Sciences Department. "An Empirical Analysis of Rural to Urban Migration in Ecuador," April 2, 1991.

The Connecticut Joint Council on Economic Education, West Hartford, Connecticut. "Economic Terminology in Spanish Classes," October 3, 1990.

Springfield College, Springfield, Massachusetts. "Agriculture in Developing Economies," July 19, 1989.

University of Connecticut, World Food Day Program. "The Role of U.S. Aid in Food Production in Developing Countries," October 16, 1988.

University of Delaware, Agricultural Economics and Operations Research Departments. "Efficiency Measures for Dairy Farms Using Stochastic Production Frontiers and Neoclassical Duality," May 12, 1988.

Pre-Conference Workshop-Connecticut Turf and Landscape Association, Hartford, Connecticut. "Budgeting and Pricing in Landscape Activities," February 10, 1988.

Environment and Agriculture Subcommittees of the Connecticut Legislature, Hartford, Connecticut. "The Nutrition Report," January 22, 1988.

Yale University, New Haven, Connecticut. "Structural Change in U.S. Agriculture," October 26, 1987

Eastern Connecticut Dairy Goat Association, Coventry, Connecticut. "The Economics of Dairy Goat Production," April 5, 1987.

University of Connecticut, Cooperative Extension, Brooklyn, Connecticut. "Enterprise Budgeting in Vegetable Production," March 23, 1987.

University of Connecticut, Cooperative Extension Service, Hartford, Connecticut. "Economics of Vineyards and Wineries," August 27, 1986.

The Connecticut Joint Council on Economic Education, North Haven, Connecticut. "The Role of Agriculture in Economic Development," May 6, 1986 and April 6, 1986.

United States Department of Agriculture/Agricultural Cooperative Service, Washington, D.C. "The Impact of Cooperative Membership on the Performance of Dairy Farms," March 3, 1986.

University of Connecticut, Cooperative Extension, Hamden, Connecticut. "Enterprise Budgeting and Break-Even Analysis," January 21, 1986.

Business Management Clinic for Groundkeepers, Nurserymen, and Vegetable Growers, Hamden, Connecticut. "Enterprise Budgeting as a Tool for Decision Making," March 12, 1985.

Connecticut Poultry Association Meeting, Norwich, Connecticut. "Egg Outlook Information," February 19, 1985.

Choate Rosemary Hall, Wallingford, Connecticut. "Land Tenure and Agricultural Productivity in Latin America," April 24, 1984.

Fairfield University, Fairfield, Connecticut. "Recent Political and Economic Developments in Chile," March 22, 1984.

Viticulture and Enology Seminar, University of Connecticut, Storrs, Connecticut. "An Economic Evaluation of a Small Scale Wine Operation," January 28, 1984.

The Connecticut Joint Council on Economic Education, Waterbury, Connecticut. "The Chilean Experience with Agrarian Reform," December 10, 1983.

Rotary Club, Montville, Connecticut. "A View of Chile," September 27, 1983.

Northeastern Farm Management Extension Committees, Deerfield, Massachusetts. "An Application of Farrell's Approach to Milk Production," June 7, 1983.

- Institute of Public Service, Hartford, Connecticut. "The Role of Agriculture in the Economic Development of LDCs." March 22, 1983.
- Connecticut Vegetable Growers Conference, Hartford, Connecticut. "The Use of Micro-Computers in Vegetable Farms," February 22, 1983.
- University of Connecticut, Cooperative Extension Service, Litchfield, Connecticut. "Budgeting and Direct Marketing: Part II," March 25, 1982 and "Part I", March 11, 1982.
- University of Connecticut, Cooperative Extension Service, New London, Connecticut. "Budgeting and Direct Marketing: Part II," March 9, 1982 and "Part I", March 3, 1982.
- University of Connecticut, Cooperative Extension Service, Haddam, Connecticut. "Budgeting and Direct Marketing: Part III", February 23, 1982; "Part II", February 9, 1982 and "Part I", February 2, 1982.
- University of Connecticut, Cooperative Extension Service, Wallingford, Connecticut. "The Economics of Organic Farming," November 10, 1981.
- University of Connecticut, Cooperative Extension Service, Ashland, Massachusetts "Record Keeping Training Session," May 13, 1981.
- University of Connecticut, Cooperative Extension Service, Hartford, Connecticut. "Farm Management Series: Part II," April 28, 1981 and "Part I", April 14, 1981.
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- Bravo-Ureta, B. E.** "Economic Evaluation of Electricity Generation from Dairy Manure Based on the Sunny Valley Foundation Digestion System." A.E.R.S. Staff Paper No. 82-20, University of Connecticut, July 1982.
- Bravo-Ureta, B. E.,** and G. McMahon. "Is Electricity Generation from Manure in Cage-Layer Farms Economically Feasible?" *Milestones*, Spring-Summer 1982.
- Bravo-Ureta, B. E.** "Estimates of Cash Flows for Apples, Strawberries, and Asparagus in Connecticut." A.E.R.S. Staff Paper No. 82-19, University of Connecticut, July 1982.
- Bravo-Ureta, B. E.** "Cost and Return Estimates for Small Scale Farmers." *Milestones*, Spring-Summer 1981.
- Helmets, G. A. and **B. E. Bravo-Ureta.** "Indexing Depreciation for Inflation." Dept. of Agri. Econ., University of Nebraska-Lincoln, Staff Paper No. 11, 1979.

GRADUATE STUDENT COMMITTEES

Ph. D. Students - Major Professor/Co-Advisor

Simning, Eric (Completion Expected May 2017)

Kamiche-Zegarra, Joanna (Completion Expected May 2017)

Julien, Jacques (Completion Expected May 2017)

Jelliffe, Jeremy (Completion Expected may 2016)

Qi, Lingqiao (Completion Expected May 2015)

Lachaud, Michée (April 2014). *Three Essays on Resource Use, Sustainability and Agricultural Productivity*.

Njuki, Eric (December 2013). *Environmental Efficiency and Regulations, and Productivity Growth in the Face of Climate Change: An Analysis of U.S. Agriculture*.

Mukherjee, Deep (June 2012). *Economic Dynamics and Sustainability of Agriculture in the Face of Climate Change* (Co-Advisor).

Abu-Saad, Ibrahim. (August 2012). *Total Factor Productivity Change in Egyptian Agriculture: A Governorate Level Analysis Using Stochastic Frontiers*.

Thuo, Mary (December 2011). *How Social Networks relate to Groundnut Farmers' Knowledge and Decisions to Adopt New Varieties: A Case of Kenya and Uganda* (Co-Advisor, Educational Leadership).

Almeida, Alexandre. (July 2010). *Three Essays in Agricultural Development in Central America: Semiparametric Analyses Using Panel Data*.

Maripani, José. (August 2007). *Efficiency in Higher Education: An Analysis of the "Traditional Universities" in Chile*.

Moreira, Victor. (September 2006) *Dairy Farm Technical Efficiency and Milk Output Growth in Three South American Countries*.

Solís, Daniel. (May 2005) *Rural Household Productivity and Investments in Soil Conservation: Evidence from Small-Scale Hillside Farmers in Central America*.

Cocchi, Horacio. (March 2004) *Soil Conservation, Output Diversification and Farm Income: Evidence from Hillside Farmers in Central America*.

Thiam, Abdourahmane. (May 2003) *Primal and Dual Analysis of Farm Efficiency: Econometric Evidence from Senegal*.

Rivas, Teodoro. (March 2003) *Dairy Farm Efficiency and the Decomposition of Output Growth and Cost Diminution*.

Saila-Ngita, Diafuka. (June 2002) *An Econometric Analysis of the Determinants of Fertility and the Demand for Prenatal Care Services*.

Ely, Richard D. (May 1994) *Subsistence Household Economics under Community Influence: A Theoretical and Empirical Study in Rural Mexico*.

Ahmad, Munir. (December 1993) *Econometric Analysis of Output Growth Using Panel Data: The Case of Vermont Dairy Farms*.

Quiroga, Ricardo E. (May 1991) *The Structure of Dairy Production Technology: A Profit Function Approach*.

M.S./M.A. Students - Major Professor

Kenfack, Nadege (May 2016)

Simning, Eric (January 2016)

Tall, Bachir (August 2015, Expected)

Paliwal, Neha (May 2015, Expected)

Amponsah, Kwabena (May 2015, Expected)

Molo, Dickens (May 2015, Expected)

Shenyo, Rachael (May 2015, Expected)

Faye, Diouma (August 2015)

VonRhade, Alex (December 2012)

Jelliffe, Jeremy (September 2012). *An Economic Analysis of Wine Grape Production in the State of*

- Connecticut (Thesis).
- Asekenye, Cresensia (July 2012). *An Analysis of Productivity Gaps among Smallholder Groundnut Farmers in Uganda and Kenya* (Thesis).
- Mass, Alex (October 2011). *Capacity Building in Agricultural Education, Research and Extension in Senegal: An Evaluation of Labor Market and Training Needs* (M.S. Paper).
- Lemunge, Grace (May 2011). *A Value Chain Analysis for Groundnut/Peanut in Kenya* (M.S. Paper).
- Kiaga, Angel (May 2011). *An Analysis of Technology and Management Gaps for Groundnut Producers in Kenya* (Thesis).
- Li, Aizhen. (November 2010). *Groundnut Production Function Estimates Accounting for Climatic Conditions: Evidence from Uganda* (M.S. Paper).
- Thuo, Mary. (May 2006). *An Analysis of the Determinants of Fertilizer Use by Small Holder Farmers in Senegal's Peanut Basin: 1998-2004* (Thesis).
- Ndiaye, Gorgui. (September 2004). *Adoption of an Improved Seed Variety among Senegalese Peanut Farmers: The Case of La Fleur II* (M.A. Paper).
- Fuentes, Paul. (June 2004) *Econometric Analysis of Farm Land Values in Chile: A Hedonic Approach* (Thesis).
- Solís, Daniel. (August 2002) *Rates of Return to Private Agricultural Extension: Evidence from Two Farm Management Centers in El Salvador* (Thesis).
- Cisse, Aly. (August 2000) *An Economic Analysis of Agricultural Production in Senegal: A Case Study of the Thies and Diourbel Regions* (Thesis).
- Peñaloza, Orlando. (December 1999) *An Analysis of Profitability in Chilean Peasant Agriculture: Evidence from Two Farm Management Centers* (Thesis).
- Olavarria, Jaime (December 1998) *Total Factor Productivity Growth in the Chilean Crop Sector: 1961-1996* (Thesis).
- Munyi, Veronica. (May 1998) *Supply Response in the Production of Maize in Kenya* (Thesis).
- Starkie, William (March 1997) *Fertility Desires and Sample Selection Bias: the Case of Senegal* (Plan B Paper).
- Tafari, Haddis. (November 1996) *Analysis of Profit Maximizing Rates of Nitrogen Application for Corn Silage Production in Connecticut* (Thesis).
- Rivas, Teodoro (December 1996) *Farm Level Technical Efficiency in Chile: Another Look at the Agrarian Reform Process* (Thesis).
- Thiam, Abdourahmane. (August 1994) *A Farm Level Analysis of Technical Efficiency in Senegal* (Thesis).
- Cocchi, Horacio (August 1993) *A Non-Econometric Analysis of Cost Efficiency in Milk Production for Selected States in the United States* (Thesis).
- Pinheiro, Antonio E. (August 1992) *An Econometric Model of Farm Level Efficiency for a Sample of Small Farms in the Dominican Republic* (Thesis).
- Rieger, Laszlo. (August 1988) *Technical Efficiency of Northeastern Dairy Farms Based on Alternative Production Frontier Methodologies* (Thesis).
- Wadsworth, James J. (May 1987) *An Empirical Analysis of Financial Performance Based on a Sample of New England Milk Producers* (Thesis).
- Jaipershad, Shyama. (May 1986) *An Economic Analysis of Egg Production in Connecticut* (Thesis).
- Mills, Bradford F. (May 1986) *Analysis of Poverty Trends and the Distribution of Earnings in Connecticut* (Thesis).
- Herrington, Calvin J. (May 1985) *The Impact of Alternative Tax Provisions on Management Strategies of Dairy Farm Assets* (Thesis).
- Fueglein, Hugo V. (May 1985) *An Economic Evaluation of Vegetable Production in the Connecticut River Valley* (Thesis).
- Omran, Sobhy A. (1985) *A Production Function Analysis of Grain in Egypt* (M.S. Paper).
- Mirante, Joan (1984) *Veggie Calc: An Agricultural Decision Support System* (M.S. Paper, Plant Science Department).

International Studies - Major Advisor

Thuo, Mary – June, 2009
Bercaw, Katrina – Plan B, Completed January 2002
Rascius, John Francis – Plan B, Completed May 1994
Bruun, Douglas B. – Plan B, Completed May 1994
Harvey, Dena, L. – Plan B, Completed May 1994
Dantas, Alicio - Plan B, Completed December 1992
Larson, Richard - Plan B, Completed September 1992
Neel, Donald - Plan B, Completed May 1988

Graduate Committees - Associate Advisor

Agricultural Economics

Barriga, Alicia (May 2015, Expected)
Plesha, Nataliya (Ph.D. Expected 2014)
Roman, Stacy (2013)
Lee, Youngho (2013)
Xu, Yan (2013)
Yoon, Taeyeon (2012)
Le, Quan (Expected, 201X)
Grimm, Justin-M.S. (2012)
Hogan, John – M.S. Plan B (Defended May 1012)
Kingsbury, Dan – Plan B (Exam April 2012)
de Prada, Jorge – Ph.D. (Defended 2004)
Kawashima, Kazu – Ph. D. (Defended December 2003)
Diop, Abdoulaye - Ph.D. (Defended August 1994)
Khan, Munir - M.S. Plan B (Defended May 1989)
Newman, Susan - M.S. Plan B (Defended December 1989)
Conlon, Michael - M.S. Plan A (Defended May 1988)
Wilhelm, Richard - M.S. Plan A (Defended May 1987)
Prentice, Paul - Ph.D. (Defended May 1986)
Mordi, Olivia - M.S. Plan B (Defended May 1985)
McMahon, Glen - M.S. Plan A (Defended May 1982)

Other Departments

Tao, Haiying – Ph. D., Plant Science, (Completion expected 2007)
Al-Ali, Mohammad A.– Ph. D., Plant Science, (Completion expected 2007)
Saens, Rodrigo – Ph.D., Economics (Defended March 2006)
Chinebuah, Bridget – Ph. D., Nutritional Sciences (Defended April 2004)
Reem Liman, Yasmina – Ph. D., Economics Department (Defended June 2002)
Ndoye, Abdou – Ph. D., School of Education (Defended May 2001)
Erickson, Robert - M.S. Plan B, Latin American Studies (December 1993)
Arbuez, Miguel Angel - M.S. Plan B, Latin American Studies (May 1987)
Guinane, Timothy - M.S. Plan A, Renewable and Natural Resources Department (May 1984)

Other Universities

Roco, Lisandro. Ph. D. Expected 2012, Co-Advisor, University of Talca, Chile.
Jara Rojas, Roberto. “Impacto de la Conservación de Recursos Hídricos y de Suelo sobre la Productividad Agrícola en Chile: Evidencia Empírica de Agricultores de la Provincia de Linares”. Ph. D. Thesis, May 2010, Co-Advisor, University of Talca, Chile.
Wall, Alan. “Essays on Production Risk”. Ph. D. Thesis, Member of Doctoral Tribunal, University of Oviedo, Spain, May 5, 2009.

- Reyes, Milton. "Análisis Socio-Productivo y Proyecciones de Productores Individuales de la Reforma Agraria, Departamento de Santa Ana, El Salvador." M.S. Thesis, (April 2001), Associate Advisor, Austral University, Chile.
- Morales, Rodrigo. "Un Estudio de los Precios del Suelo Agrícola en el Valle Central de Chile." School of Agronomy, August 1999. Undergraduate Thesis Major Advisor, University of Talca, Chile.
- Marilao, Cristián. "Estimación de Elasticidades de Oferta para Cultivos Anuales en Las Zonas Agroecológicas de la VII Región." School of Agronomy, December 1997. Undergraduate Thesis Major Advisor, U University of Talca, Chile.
- Cáceres, William. "Desarrollo e Implementación de un Sistema de Información para la Gestión de Empresas Agrícolas." School of Agronomy, December 1997. Undergraduate Thesis Major Advisor, University of Talca, Chile.
- Ramírez, Erick. "Análisis Económico de la Producción de Cultivos Anuales en el Valle de Riego de la VII Región." School of Management, March 1996. Undergraduate Thesis Major Advisor, University of Talca, Chile.

RECENT PRE - POST DOCTORAL FELLOWS/VISITORS

- Dr. Chris O'Donnell March-June 2015
 Dr. Michée Lachaud April 2014-
 Dr. Eric Njuki December 2013-
 Dr. Ibrahim Abu-Saad August 2012-
 Dr. Alexandre Almeida February 2014 -March 2013
 Dr. Allan Wall February 2013
 Dr. Deep Mukherjee June-November 2012
 Ms. Daniela Martínez, September-November, 2015
 Mr. Carlos Andrés Oñate January-May 2015
 Mr. Lisandro Roco 2012,
 Mr. Roberto Jara-Rojas October 2009 and October 2010

REVIEWER FOR THE FOLLOWING:

Agricultural and Resource Economics Review
Northeastern Journal of Ag. and Resource Econ.
Western Journal of Agricultural Economics
Canadian Journal of Agricultural Economics
American Journal of Agricultural Economics
Journal of Agricultural and Resource Economics
Agribusiness: An International Journal
International Journal of Technology Management
Cahiers d'Economie et Sociologie Rurales
International Food Policy Research Institute Reports
The Pakistan Development Review
New Zealand J. of Crop & Horticultural Science
Journal of Environmental Management
Agricultural Economics Review
Australian Journal Ag. & Resource Economics
European Rev. Agricultural Economics
Journal of Agricultural and Applied Economics
African Journal of Ag. & Resource Economics
Ecological Economics
Journal of Dairy Science

Journal of Agribusiness
Review of Agricultural Economics
Journal of Productivity Analysis
Agricultural Economics
Agricultural Finance Review
Forest Science Review
Contemporary Economic Policy
Economía Agraria y Recursos Naturales
Revista Argentina de Economía Agraria
Environment and Development Economics
Agricultural Economics Review
Food Policy
Agricultural and Food Science
Journal of Development and Ag. Econ.
Empirical Economics
World Bank IEG
Inter-American Development Bank
African Journal of Agricultural Research
Environment, Develop. and Sustainability

COURSES TAUGHT:

ARE 3255/5305:	The Role of Agriculture and Natural Resources in Economic Development; Ongoing
ARE 4464/5464:	Cost Benefit Analysis and Resource Management: Ongoing
AGRIBUSINESS MANAGEMENT:	Production Economics Module, Master of International Agribusiness Program University of Talca, Chile, April 2003
ARE 325/ECON 308:	Microeconomics I, Fall 1997, Fall 1996, Fall 1995, Fall 1993, Fall 1992
ARE 255/ARE 255W:	The Role of Agriculture in Economic Development, Fall 1997, Spring 1996, Spring 1994, Spring 1993, Spring 1992, Spring 1991, Spring 1990
ARE 257:	Benefit-Cost Analysis and Resource Management, Spring 1998, Spring 1997, Spring 1996
LAMS 390:	Module on “The Role of Agriculture in Economic Development” Fall 1997, Fall 1996
ARE 298:	Benefit-Cost Analysis and Resource Management, Spring 1994
ARE 110:	Population, Food and the Environment, Fall 1992, Fall 1991, Fall 1990, Fall 1989
ARE 255:	The Role of Agriculture in Economic Development, Spring 1989, Spring 1987, Spring 1986
ARE 325:	Theory of Production and Demand for Agricultural Products, Fall 1991, Fall 1990, Fall 1989, Fall 1988, Fall 1987, Fall 1985, Fall 1984, Fall 1983, Fall 1982, Fall 1981
AERS 298:	Agriculture's Role in Latin American Economic Development, Spring 1985, Spring 1984
AERS 24:	Marketing Agricultural Products, Spring 1984
SERS 24:	Marketing Agricultural Products, Spring 1983, Spring 1982, Spring 1981
MICROECONOMICS II:	Production Economics, Fall 1994, Spring 1995, University of Talca, Chile
MANAGERIAL ECON: WORKSHOPS:	MBA Program University of Talca, Chile, July-August 1995 Project Monitoring and Evaluation; Impact Evaluation; Evaluation and Management of Development Projects in the Latin American Context; Taught (in Spanish) Modules on Financial and Economic Analysis of Projects: Ongoing