JOHN CHRISTOPHER BEGHIN LONG CURRICULUM VITAE June 2023

Address

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EDUCATION

Ph.D. agricultural & resource economics UC Berkeley (1988)

M.Sc. agricultural economics, North Carolina State University (1983)

Agrégé in economics, Université de l'Etat de Mons, Belgium (1979)

Technical diploma in diesel engines, Institut Technique d'Auderghem, Belgium (1979)

Licence in economics, Solvay Brussels School of Economics & Management, Université Libre de Bruxelles, Belgium (1978)

PROFESSIONAL & RESEARCH INTEREST

Applied trade, agricultural & food policy analysis, trade-growth-environment/resource interface, obesity, food security, bioenergy-agriculture interface, globalization

WEB PRESENCE, CITATION ANALYSIS, & RANKINGS

UNL <u>webpage</u>: Repec <u>webpage</u>; <u>Google Scholar</u>; Repec rankings in <u>agricultural economics</u>, <u>economics</u>, and international economics

PROFESSIONAL EXPERIENCE

University of Nebraska Lincoln, NE, USA (2019-current)

Department of Agricultural Economics and Clayton Yeutter Institute of International Trade & Finance. Professor and Mike Yanney Endowed Chair in International Trade and Finance.

Iowa State University, Ames, IA, USA (1998-current)

Department of Economics. Marlin Cole Professorship in international agricultural economics (2000-2016), emeritus professor (2017-current). Director, Food & Agricultural Policy Research Institute (FAPRI) at ISU (1999-2007); Head, trade & agricultural policy division, CARD (1999-2007), CARD Faculty (2014-2016), CARD Faculty fellow (2020-current)

N.C. State University, Raleigh, NC, USA (1982-84, 1988-98, 2017-19)

Department of Ag & Resource Economics. Professor (2017-19), Head (2017-18), Professor 1998 (assistant professor 1988-93, associate professor 1993-98), Visiting instructor 1983-84 (teaching assistant 1982-83)

INRAE, Paris-Grignon-AgroParisTech, France (2002-current)

UMR d'Economie Publique INRA-AgroParisTech. Research associate (visiting 2002-2003, 2009 & 2010)

University of Sydney, Sydney, NSW, Australia (2007-08, 2009-11)

Faculty of Economics & Business. Visiting professor 2007-08, visiting researcher short stays 2009-11

OECD Development Centre, Paris, France (1993-96)

Development Centre Associate (visiting researcher on sabbatical 1994)

U.C. Berkeley, Berkeley, CA, USA (1984-88)

Department of Ag & Resource Economics. Post-graduate research economist (research assistant 1984-86)

International Labor Organization, Geneva, Switzerland (1979-81)

Associate expert in agricultural cooperative education, posted in Thiès, Sénégal

MISIFA Company (UNIDO contractor), Brussels, Belgium (1979) Research collaborator

Agence Générale de Coopération et Développement (Belg. AID), Brussels, Belgium (1979) Intern

MAJOR GRANTS, FELLOWSHIPS & CONTRACTS (US\$10,000 & UP)

USDA ERS. 2022-23. \$85,000, Cooperative Agreement, PI.

Technical Summit on Food Security Measurement and Modeling - towards a unified approach

USDA FAS. 2022-23. \$86,000 competitive grant, PI.

Genome editing, asynchronous regulation cost, and agricultural trade

FAO. \$20,700 contract (2022) contract through Bureau for Food & Agr. Policy NPC in South Africa Food Demand Modelling for the FAO-OECD Outlook

USDA FAS. \$200,000, competitive grant (2021-23), co-PI, with J Grant PI and C. Emlinger co-PI (\$32,000 subcontract)

Non-Tariff Measures and U.S. and Global Agricultural Trade: Developing a Framework for Analysis

USDA ERS. \$50,000 cooperative agreement (2020-2022), PI, with E. Balistreri Global Food Security and Global Pandemic

USDA OCE. \$50,000 cooperative agreement (2019-2021), PI, with S. Marette, AC. Disdier, and M. Schaefer

Gene Editing and International Trade

USDA FAS, \$400,000 Grant (2019-23), co-PI (mentor), Liana Calegare, PI 2019 Scientific Exchanges Fellowship Program - Africa SPS TBT Pilot Initiative

Yeutter Institute for International Trade and Finance, \$10,000 seed grant (2019-20), PI Gene Editing and International Trade

Tobacco Trust Fund, \$70,500, competitive grant (2017-19), co-PI, G. Bullen PI Funding for the NC Farm School (continuing education for entrepreneurship)

Charles Koch Foundation, \$10,000 grant 2017-18, PI Agribusiness Entrepreneurship Course Development

USDA Economic Research Service, \$30,000 cooperative agreement (2016-18), PI Food Security Model Development

UNCTAD, \$12,000 contract (2016)

The Economic Effects of Nontariff Measures

USAID-Chemonics, \$1,145,500 competitive grant (2014-2018), PI with M. Misra co-PI; subcontract to ISU on a \$15,000,000 awarded USAID project; W. Nunez-Rodriguez Chief of Party Ghana Feed the Future Agriculture Policy Support Project

USDA NIFA AFRI, \$238,900 competitive grant (2014-2016), PI, project with JC. Bureau, A. Gohin, D. Orden, & B. Xiong

The Impact Of a Potential Free Trade Agreement Between the European Union & the United States

ISU-Global Food Security Consortium, \$20,000, competitive seed grant (2014-15), co-PI, with Y. Teshome PI. The Interface between High-value Cash Crop & Food Security for Subsistence Coffee Farmers in Southwest Ethiopia

ISU, Presidential Initiative for Interdisciplinary Research, \$1,500,000 competitive grant (2013-16), coleader for socio-economic analysis component, M. Misra & M. Rothschild PIs Global Food Security Consortium

USDA Economic Research Service, \$95,000 cooperative agreement (2013-16), PI Food Security Model Development

Biobased Industry Center, \$42,000 competitive grant (2013-2014) PI, A. Gohin & JC. Bureau co-PIs The Impact of a Potential US-EU Free Trade Agreement on Biofuel & Feedstock Markets

Biobased Industry Center, \$28,900 competitive grant (2012-2013) PI, B. Babcock co-PI How to Improve the Modeling of World Sugar Markets

Sweetener Users Association, \$45,000 contract (2011) with A. Elobeid Analysis of U.S. Sugar Policy Reform

USDA National Institute for Food & Agriculture (NIFA) National Need Fellowship, \$234,000, competitive grant (2011-2015), PI, GC. Moschini co-PI

Funding for Doctoral Training in the Economics & Management of Bio-renewable Energy

Steptoe & Johnson LLP, \$40,000 contract (2010-2011)

Analysis of State Trading in Agricultural Trade

OECD Trade & Agricultural Directorate €10,000 contract (2009-10)

Meta-analysis of Technical Barriers to Trade Estimates

EU Commission 7th Framework Program, €124,000 sub-contract to University of Sydney (2009-2011), Co-PI with Mark Melatos; 12-partners global consortium funding: €2.4 million (2009-2011), G. Henry coordinator

Assessment of the Impacts of Non-tariff Measures on the Competitiveness of the EU & Selected Trade Partners

The World Bank, \$29,200 contract (2008-10)

Analysis of Land Allocation Effects of Biofuel Production

OECD Trade & Agriculture Directorate, €25,750 (2 contracts) (2008-09), with Stephan Marette Framework for Cost/Benefit Analysis of Nontariff Measures

University of Sydney, AU\$16,000 sabbatical stipend (2007-08)

Research on Agricultural Trade

US Army Corps of Engineers, \$38,300 contract (2006-08)

Upper Mississippi River System Economic Re-Evaluation - External Peer Review Panel

USDA CSREES, \$551,000 research grant (2006-08), PI, relinquished 7/2007

CARD Agricultural Trade Analysis

American Enterprise Institute, \$10,000 contract (2006-07)

Agricultural Policy for 2007 Farm Bill & Beyond: Sugar

USDA National Research Initiative, \$233,000 competitive grant (2006-10), Co-PI with H. Jensen PI (subcontract from UC Davis, Julian Alston, project director)

Effects of Agricultural Policies on Human Nutrition & Obesity

USDA PREISM, \$136,000 cooperative agreement (competitive award) (2005-07), PI, with D. McGee and GC. Moschini

Seed Trade & Invasive Species Risk

USDA CSREES, \$557,000 research grant (2005-07), PI

CARD Agricultural Trade Analysis

USDA CSREES, \$1,019,000 special research grant (2005-08), PI, relinquished 7/2007

Food & Agricultural Policy Research Institute

American Farm Bureau Federation, \$50,000 contract (2004-05), with D. Abler, D. Blandford, A. Elobeid & P. Westhoff

Analysis of Alternative U.S. Sugar Policies

The World Bank, \$10,000 contract (2004-05), jointly with C. Hart

Analysis of the Aggregate Measure of Support of the WTO

USDA CSREES, \$562,000 research grant (2004-06), PI

CARD Agricultural Trade Analysis

USDA CSREES, \$1,012,000 special research grant (2003-06), PI

Food & Agricultural Policy Research Institute

USDA CSREES, \$628,700 research grant (2003-05), PI

CARD Agricultural Trade Analysis

The World Bank, \$49,700 contract (2003-4)

Agricultural Trade Policy Research

The World Bank, \$24,500 contract (2002-03)

Analysis of the Impact of Industrialized Countries' Farm Distortions on Developing Countries

Institut National de Recherche Agronomique, €36,500 sabbatical grant (2002-3)

Trade & Agricultural Policy Analysis with INA-INRA Research Staff

USDA CSREES, \$561,600 special research grant (2002-04), PI

CARD Agricultural Trade Analysis

USDA CSREES, \$418,400 special research grant (2002-04), PI

Food & Agricultural Policy Research Institute

U.S. Grains Council, \$42,700 contract (2001-02), jointly with B. Babcock

The 2002 Feed Grains Demand Model

USGAO, \$11,600 contract (2001)

Analysis of the U.S. Peanut Program

USDA National Research Initiative. \$150,000 competitive grant (2001-03), PI, with R. Barichello, F.

Fuller, H. Lee, and D. Sumner

Evolving Demand for Dairy Products in Asia: Policy & Trade Implications

USDA CSREES, \$399,700 special research grant (2001-03), PI

Food & Agricultural Policy Research Institute

USDA CSREES, \$398,000 special research grant (2001-03), PI

CARD Agricultural Trade Analysis

USDA CSREES, \$330,000 special research grant (2000-02), PI

Food & Agricultural Policy Research Institute

USDA CSREES, \$332,000 special research grant (2000-02), PI

CARD Agricultural Trade Analysis

The World Bank, \$10,000 contract (2000)

Analysis of Environmental Standards & Trade for the Publication "Global Economic Prospects 2001"

USGAO, \$30,000 contract (1999-00)

Analysis of the U.S. Sugar Program

USDA National Research Initiative, \$74,000 competitive grant (1999-01), PI

Waste Management & Regulation: Impact on U.S. Hog Production Location & Trade

USDA CSREES, \$330,000 special research grant (1999-01), PI

Food & Agricultural Policy Research Institute

USDA CSREES, \$332,000 special research grant (1999-01), PI

CARD Agricultural Trade Analysis

U.S. Farm Foundation, \$10,000 competitive grant (1999-00), PI

Support for Dairy Policy Research Symposium

N.C. Tobacco Research Commission, \$10,000 competitive grant (1998) co-PI with B. Brown

Research on Tobacco Trade (Blue mold restrictions & U.S. Tobacco export demand)

N.C. Agricultural Research Foundation, \$49,000 competitive grant (1997-2000) co-PI with Zering Environmental Regulation, Quality, & International Competitiveness of the Swine Industry

FAO, \$13,000 contract, (1996-97)

Impact of GATT membership & EU Custom Union on Agricultural Markets in Turkey

USDA National Research Initiative, \$68,000 competitive grant (1996-98) PI

Environmental Policies Impact on Agricultural Trade & Competitiveness

Standard Commercial Tobacco Inc, \$46,000 post-doc. grant (1995-96) Co-PI; B. Brown, PI

Building a Forecasting Model of International Tobacco Markets

OECD Development Centre, \$21,000 contract (1995-6)

Sustainable Development: Environment, Resource Use, Technology, & Trade I & II

N.C. Tobacco Research Commission, \$34,000 competitive grant (1994), Co-PI with W. Foster & B. Brown Updating Econometric Estimates for Modeling of Tobacco Market (part 1)

OECD Development Centre, FF240,000 sabbatical fellowship (1993-94)

Sustainable Development: Environment, Resource Use, Technology, & Trade

Institute for Policy Reform, \$11,000 contract (1992), Co-PI, W. Foster, PI

Empirical Measures of Institutions for Development

N.C. Tobacco Foundation, \$36,000 competitive grant (1991-93), Co-PI, with W. Foster

Impact of EC Maleic Hydrazide Regulations on U.S. Tobacco Industries

Small contracts (<\$10,000) with Copenhagen Consensus Center (2022), Ramboll (2021-22) American Enterprise Institute (multiple), OECD (2020-21)

ADMINISTRATION & LEADERSHIP EXPERIENCE

University of Nebraska Lincoln (6/2019-)

Yeutter Institute for International Trade & Finance. Leadership team with J. ODonnell, E. Balistreri, and M. Schaefer

NC State University (1/2017-1/2019)

Department Head, Department of Agricultural and Resource Economics

Iowa State University (12/1998-6/2007)

Director of FAPRI-ISU & head of CARD's Trade & Agricultural Policy Division

PROFESSIONAL SERVICE & AWARD

Editor

Guest editor, The World Economy 35(8) (2012) with D. Orden.

Co-editor, Applied Economic Perspectives & Policy (former Review of Agricultural Economics) (2009)

Co-editor & co-managing editor, Review of Agricultural Economics (2007-2009), volumes 30-31

Editorial council, Journal of Agricultural & Resource Economics (2007-2009)

Editorial committee, Iowa Ag Review (1999-2007) (outreach publication)

Guest editor, Journal of International Agricultural Trade & Development (2007) 3(1), with F. Fuller Guest editor, Food Policy (2006) 31(3)

Associate editor, Agricultural Economics (2004-2006)

Editorial advisory board, Agricultural Economics (1999-2003)

Associate editor, American Journal of Agricultural Economics (1997-2000), volumes 80-82

Guest editor, Canadian Journal of Agricultural Economics (1999) 47(5) with D. Sumner

Referee

Reviews for Agribusiness: An International Journal, Agricultural Economics, Agricultural & Resource Economics Review, American Journal of Agricultural Economics, Cahiers d'Economie et Sociologie Rurales, Canadian Journal of Agricultural Economics, Canadian Journal of Economics, Ecological Economics, China Economic review, Ecological Economics, Economic Development & Cultural Change, Economic Inquiry, Economic Modelling, Economie Internationale, Economie Rurale, Economies, Economics Bulletin, Environmental & Resource Economics, European Review of Agricultural Economics, Food Policy, Forest Policy & Economics, Green, International Economic Review, Journal of African Economies, Journal of Agricultural & Applied Economics, Journal of Agricultural Economics, Journal of Agricultural & Resource Economics, Journal of Comparative Economics, Journal of Economic Studies, Journal of Environment & Development, Journal of Environmental Economics & Management, Journal of Public Economic Theory, Oxford Economic papers, Resource & Energy Economics, Review of Agricultural Economics, Review of International Economics, Southern Economic Journal, Southern Journal of Agricultural Economics, Sustainability, Western Journal of Agricultural Economics, World Bank Economic Review, World Development, The World Economy, The World Trade Review, & numerous conferences. Book & chapter manuscripts reviewed for Iowa State Press (Blackwell), USDA-ERS, & World Bank Publications.

External reviews, grant & panel reviews

Institut National de Recherche Agronomique (INRA), chair of external peer review of national socioeconomic research division (2012)

US Army Corps of Engineers. UMRS Economic re-evaluation—External Peer Review Panel (2006-08)

USDA, National Research Initiative Grant Review Panel (Markets & Trade program) (2002)

Reviews for NRC, NSF, USDA National Research Initiative, Canadian Federal Government, Energy Biosciences Institute, CODESRIA, American Councils for International Education (US State Department), Midwest University Consortium on Animal Waste Management, & North Carolina Agricultural Research Service

Committees and advisory boards

UNL Advisory board member of the Nebraska Integrated Beef Systems hub (cluster), (2022-2023)

Advisory board member of the EU Commission-funded research project "BATModel" (2020-2023)

Advisory board of Ramboll's EU project evaluating Directive 2009/128/EC on the sutainable use of pesticide (2020-21)

UNL Global Engagement Strategy Committee (2019-2021)

UNL Search Committee member (Acklie Chair (2019-20, Department Head 2022), and chair (Yeutter Institute Assistant Director three times 2022-23)

UNL P&T departmental committee (2020-2023, P&T Chair 2022-23)

UNL Graduate admission departmental committee (2020-current)

NCSU Advisory board member for the Genetic Engineering and Society Cluster (2017-18)

International Agricultural Trade Research Consortium (IATRC) Executive Committee (2014-16)

ISU CARD Agricultural Policy Review (extension publication) Advisory Committee member (2013-16)

ISU Economic Council (1999-2001, 2008-09, co-chair 2012-13, chair 2013-14)

ISU College of Ag. & Life Sciences Diversity & Multiculturalism Committee (2010-13)

ISU Departmental Recruiting Committees (2000-01, 2009-10, 2011-12, 2012-13, 2014-15)

ISU Departmental Committee for visiting scholars & faculty leaves (2010-present, chairing 2011-12)

ISU Post tenure review committees (2010, 2011, 2013, 2014)

ISU Departmental Graduate Admission & Recruiting Committees (2009-16)

Agricultural & Applied Econ. Association (AAEA). Communication & Publications Committee (2008-09)

ISU Departmental Undergraduate Program Committee (2008-09)

ISU Departmental Publication Committee (2006-07)

ISU Visiting Scholar Admission Committee chair (1999-2001, 2004-05, 2005-06)

ISU Graduate Student Admission Committee (1998-2000, 2003-04)

ISU Departmental Award Committee (2001-03)

World Congress of Environmental & Resource Economists. Program Selection Committee (2002)

AAEA. Outstanding Master Thesis Award Committee (chair in 2001, member in 1999 & 2000)

Association of Environment & Resource Economists. Workshop Paper selection Committee (1998-2000).

Board of directors of Midwest Agribus. Trade Research & Information Center, ISU (1998-2000)

NC State University. Departmental Recruiting Committees (1991, 1996)

Awards & honors

Elected AAEA Fellow in 2018

EAAE Quality of research discovery Award for 2015 (tri-annual awarded summer 2017) for J. Beghin A-C Disdier and S. Marette, "Trade restrictiveness indices in the presence of externalities: An application to non-tariff measures, *Canadian Journal of Economics* in 2015 (vol.48, N°4).

Chair of the International Agricultural Trade Research Consortium (IATRC) Executive Committee (2014-15)

Member of the international scientific advisory council of Laboratory of Excellence Labex "Biodiversité, Agroécosystèmes, Société, Climat" Fondation de Cooperation Scientifique, Université Paris-Saclay (2014-15)

2014 ISU College of Agriculture & Life Sciences Outstanding Achievement in International Agriculture Award

Contributor to New Palgrave Dictionary of Economics, S. Darlauf & L. Blume, eds., Palgrave-McMillan, 2008. Recipient of the 2008 "Outstanding Academic Title Award," Choice, & the 2008 "PROSE Award for Best Multi-Volume Reference Work in the Humanities & Social Sciences, AAP

Co-chaired (with Helen Jensen) Chengyan Yue's dissertation titled Three Essays on Food Quality & Transactions Costs. 2007 Outstanding Doctoral Thesis Award (honorable mention) of the AAEA

Chapter contributor to Agricultural Trade Reform & the Doha Development Agenda, K. Anderson & W. Martin, eds., Palgrave-McMillan & the World Bank, 2006 Quality of Communication Award of the AAEA

2005 Quality of Communication Award of the AAEA (honorable mention) for Aksoy, M. A. & J.C.

Beghin, eds., Global Agricultural Trade & Developing Countries. The World Bank, 2004

2002 U.S. Department of Agriculture Secretary's Group Honor Award for Excellence (with FAPRI team) for policy analysis

2000 ISU College of Agriculture Team Award for a project titled "Iowa's land & Environment---Serving Competing Needs"

Chaired Brad Bowland thesis on the health impact of air pollution induced by growth in Santiago, Chile, 1998 Outstanding Master Thesis Award of the AAEA

1996 Hugh C. Kiger Faculty Award in Agricultural & Resource Economics for research in international trade & policy related to U.S. tobacco, with Blake Brown

Chaired Mylène Kherallah's dissertation on Unilateralism & Section 301 of the 1974 U.S. Trade Act, 1995 Outstanding Doctoral Thesis Award of the AAEA

1994 Best Article Award of Northeastern Agricultural & Resource Economics Association for the article "Policy Implications of Textile Trade Management & The U.S. Cotton Industry," $Agricultural \,\mathcal{E}$ Resource Economics Review 22 (1993), with S. Shui & M. Wohlgenant

PUBLICATIONS

Papers under review and in progress

Beghin, J.C., and V.H. Smith. "The Impact and Effectiveness of Public Investment in International Agricultural Development: Is It Time for a Paradigm Shift?" In between reviews.

Hamami, A.M. and J.C. Beghin. "The determinants of U.S. olive oil imports." Submitted.

Hedoui, A., and J.C. Beghin. Decomposing the impact of GMO regulation on bilateral trade: An application to corn trade." Submitted.

Articles in journals

Marette, S., A-C Disdier, A. Bodnar, and J. Beghin. "New Plant Engineering Techniques, R&D Investment, and International Trade." Forthcoming in *Journal of Agricultural Economics*, accepted September 2022. https://doi.org/10.1111/1477-9552.12516

Park, Byungyul and J.C. Beghin. "Exploring the Impact of Economic Integration Agreements Through Extreme Bounds Analysis," *Review of International Economics* 31 (1) (2023): 35-59.

Beghin, J and J. O'Donnell. "Trade Agreements in the Last 20 Years: Retrospect and Prospect for Agriculture." *EuroChoices* 20(3) (2022): 63-68.

Marette, S., J. Beghin, A-C Disdier, and E. Mojduszka. "Can foods produced with new plant engineering techniques succeed in the marketplace? A case study of apples." *Applied Economic Perspectives and Policy* 45(1) (2023): 414-435.

Balistreri, E., F. Baquedano, and J. Beghin. "The Impact of COVID-19 and Associated Policy Responses on Global Food Security" *Agricultural Economics* 53(6) (2022): 855-869.

Beghin, J., and B. Park."The Exports of Higher Education Services from OECD Countries to Asian Countries. A Gravity Approach." *The World Economy* (2022) 45 (4): 1050-1080.

Beghin, J and C. Gustafson. "WTP for and attitudes towards novel food produced with New Plant Engineering Techniques: A review." Sustainability. 13(20) (2021): 11348.

Hammami, A.M., and J.C. Beghin. "The Trade and Welfare Impacts of the US Retaliatory Tariff on EU

- Olive Oil." Agricultural Economics 52(5) (2021): 807-818.
- Marette, S., AC, Disdier, and J. Beghin. "A Comparison of EU and US consumers' willingness to pay for gene-edited food: Evidence from apples." *Appetite* 159, (2021): 105064.
- Beghin, J.C., and H. Schweizer. "Agricultural Trade Costs," *Applied Economic Perspectives and Policy* 43(2) (2021): 500-530. (<u>Podcast interview</u>).
- Xiong, Bo. and J.C. Beghin. "TTIP and agricultural trade: The case of tariff elimination and pesticide policy cooperation." *Agribusiness: an International Journal* 34(3) (2018): 495-508.
- Beghin, J.C., B. Meade, & S. Rosen. "A Consistent Food Demand Framework for International Food Security Assessment." *Journal of Policy Modeling* 39(5) (2017): 827-842.
- Beghin, J.C., J.C. Bureau, & Alex Gohin. "The Impact of a US-EU Free Trade Agreement on Biofuel & Feedstock Markets." *Journal of Agricultural Economics* 68.2 (2017): 321-344.
- Beghin, J.C., Disdier, A. C., & Marette, S. "Trade Restrictiveness Indices in Presence of Externalities: An Application to Non-Tariff Measures." *Canadian Journal of Economics* 48(4) (2015). 1513-1536. Reprinted in J. Beghin, ed. *Nontariff Measures and International Trade, World Scientific Studies in International Economics* series and Imperial College Press, 2017.
- Metcalfe, M., & J.C. Beghin. "Piecemeal Reform of Trade & Environmental Policy when Consumption also Pollutes." *Economics Bulletin* 35(4) (2015): 2282-2269.
- Beghin, J.C., M. Maertens, & J.F.M. Swinnen. "Nontariff Measures & Standards in Trade & Global Value Chains." Annual Review of Resource Economics 7 (2015): 425-450. Reprinted in J. Beghin, ed. Nontariff Measures and International Trade, World Scientific Studies in International Economics series and Imperial College Press, 2017.
- Beghin, J.C., & A. Elobeid. "The Impact of the U.S. Sugar Program Redux." *Applied Economic Perspectives & Policy*. (2015) 37 (1): 1-33. (Featured article with <u>podcast interview</u>). Also reprinted online in The Impacts of Agricultural Policies Virtual Issue of the *AEPP* edited by Craig Gundersen.
- Li, Yuan, & J.C. Beghin. "A Protectionism Index for Non-Tariff Measures: An Application to Maximum Residue Levels," Food Policy, Volume 45 (2014): 57–68. Reprinted in J. Beghin, ed. Nontariff Measures and International Trade, World Scientific Studies in International Economics series and Imperial College Press, 2017.
- Xiong, Bo, & J.C. Beghin. "Disentangling the Demand-enhancing & Trade-cost Effects of Maximum Residue Regulations," *Economic Inquiry*, 52 (3) (2014): 1190–1203. Reprinted on line in a Virtual Specialized Issue of the *Economic Inquiry* edited by B. Blonigen, K. Maskus, and M. Chen. Reprinted in J. Beghin, ed. *Nontariff Measures and International Trade, World Scientific Studies in International Economics* series and Imperial College Press, 2017.
- Miao, Zhen, J.C. Beghin, & H.H. Jensen. "Accounting for Substitution in the Analysis of Food Taxes Targeting Obesity." *Health Economics*, Volume 22(11) (2013): 1318–1343.
- Beghin, J.C., & M Melatos. "The Trade & Welfare Impacts of Australian Quarantine Policies: The Case of Pigmeat." The World Economy 35(8) (2012): 1006-1025. Reprinted in J. Beghin, ed. Nontariff Measures and International Trade, World Scientific Studies in International Economics series and Imperial College Press, 2017.
- Orden, D., J.C. Beghin, & G. Henry. "Key Findings of the NTM-IMPACT Project," *The World Economy* 35(8) (2012): 967-972.
- Beghin, J.C.; A.C. Disdier, S. Marette, & F. van Tongeren. "Measuring Costs & Benefits Of Non-Tariff Measures In Agri-Food Trade." *The World Trade Review* 11 (2012): 356-375. Reprinted in J. Beghin, ed.

- Nontariff Measures and International Trade, World Scientific Studies in International Economics series and Imperial College Press, 2017.
- Li, Yuan, & J.C. Beghin. "A Meta-Analysis of Estimates of the Impact of Technical Barriers to Trade." Journal of Policy Modeling 34(3) May–June (2012): 497–511. Reprinted in J. Beghin, ed. Nontariff Measures and International Trade, World Scientific Studies in International Economics series and Imperial College Press, 2017.
- G.R. Timilsina, J.C. Beghin, D. van der Mensbrugghe, & S. Mevel. "The Impacts of Biofuels Targets on Land-Use Change & Food Supply: A Global CGE Assessment." *Agricultural Economics* 43(3) May (2012): 315-332.
- Xiong, Bo, & J.C. Beghin. "Does European Aflatoxin Regulation Hurt Groundnut Exporters from Africa?" European Review of Agricultural Economics 39(4) (2012): 589-609. Reprinted in J. Beghin, ed. Nontariff Measures and International Trade, World Scientific Studies in International Economics series and Imperial College Press, 2016.
- Miao, Zhen, J.C. Beghin, & H.H. Jensen. "Taxing Sweets: Sweetener Input Tax or Final Consumption Tax?" Contemporary Economic Policy 30(3) (2012): 344-361.
- Fabiosa, J., J. Beghin, F. Dong, A. Elobeid, S. Tokgoz, & T. Yu. "Land Allocation Effects of the Global Ethanol Surge. Predictions from the International FAPRI Model." *Land Economics* 86(4) (2010): 687-706.
- Jayasinghe, S., J. Beghin, & G. Moschini. "Determinants of World Demand for U.S. Corn Seeds: The Role of Trade Costs." American Journal of Agricultural Economics (2010) 92(4): 999-1010. Reprinted in J. Beghin, ed. Nontariff Measures and International Trade, World Scientific Studies in International Economics series and Imperial College Press, 2017.
- Bhaskar, A., & J. Beghin. "Decoupled farm payments & the role of base updating under uncertainty." *American Journal of Agricultural Economics* 92(3) (March 2010): 849-858.
- Marette, S., & J. Beghin. "Are Standards Always Protectionist?" Review of International Economics 18(1) 2010: 179–192. Reprinted in J. Beghin, ed. Nontariff Measures and International Trade, World Scientific Studies in International Economics series and Imperial College Press, 2017.
- Yue, C., & J. Beghin. "The Tariff Equivalent & Forgone Trade Effects of Prohibitive Technical Barriers to Trade," American Journal of Agricultural Economics 91(4) (2009): 930-941. Reprinted in J. Beghin, ed. Nontariff Measures and International Trade, World Scientific Studies in International Economics series and Imperial College Press, 2017.
- Bhaskar, A., & J. Beghin. "How Coupled Are Decoupled Farm Payments? A Review of the Evidence," *Journal of Agricultural & Resource Economics* 34(1) (2009): 130-153.
- Beghin, J., & H.H. Jensen. "Farm Policies & Added Sugars in US Diets." Food Policy 33(6) (2008): 480-488.
- Tu, A.T., J. Beghin, & E. Gozlan. "Tariff Escalation & Invasive Species Damages." *Ecological Economics* 67(4) (2008): 619-629.
- Abler, D., J. Beghin, D Blandford, & A. Elobeid. "Changing the U.S. Sugar Program into a Standard Crop Program: Consequences under NAFTA & Doha," *Review of Agricultural Economics* 30(1) (2008): 82-102.
- Fuller, F., J. Beghin, & S. Rozelle. "Urban Demand for Dairy Products in China: Evidence from Survey Data," Australian Journal of Agricultural & Resource Economics 51(4) (2007): 459-474.
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- Edelman, M., & J. Beghin. "Iowa Land Use & Urban Growth," chapter in *Iowa 's Land & Environment-Serving Competing Needs*, Iowa State University, College of Agriculture, June 2000, pp. 17-20.
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- Beghin, J. (with FAPRI staff). "FAPRI Analysis of CAP Reform in the Agenda 2000 Final Decisions." *Agenda 2000 CAP Reform Decisions: Impact Analyses*. Brussels: European Commission Directorate General for Agriculture, February 2000, pp. 47-60.
- Beghin, J., & F. Fuller. "Dairy Policies around the world: What would we gain from getting rid of them?" *Iowa Ag Review* 6 (1) (2000): 7-8.
- Beghin, J. "EU-US Beef Hormone Trade Dispute," Iowa Ag Review 5 (3) summer (1999): 1-3
- Beghin, J. "Shifting Patterns in Asian Agricultural Trade," FAPRI Bulletin 2 (3) March/April (1999): 1-2.
- Babcock, B.A. & J. Beghin. "Potential Market for Non-GMO Corn & Soybeans," CARD Briefing paper 99-BP-27, October 1999 (Available on-line only).
- Beghin, J. (with FAPRI staff). "Analysis of the Berlin Accord Reforms of the European Union's Common Agricultural Policy" CARD Briefing Paper 99-BP-24, June 1999.
- Beghin, J. Review of *The Political Economy of American Trade Policy*, A.O. Krueger ed., Chicago University Press, *American Journal of Agricultural Economics* 79 (1997): 691-693.
- Beghin, J. & B. Brown. "Domestic Content Policies: United States vs Australia. Is the U.S. tobacco industry seeing its future in Australia 's present?" *The Flue Cured Tobacco Farmer* December 15 1993: 12-13.
- Beghin, J. Review of *Macroeconomics, Agriculture, & Exchange Rates.* P.L. Paarlberg, & R. G. Chambers eds. Boulder: Westview Press, *Agricultural Economics* 6 (1992): 295-297.
- Beghin, J., & M. Kherallah. "The Role of Political Institutions & Economic Development in International Patterns of Agricultural Protection." *Economie et Gestion Agro-alimentaire* 22 (1992): 29-32.
- Beghin, J. "Uruguay Round & U.S.-E.C. Dispute over Liberalization," *The North Carolina State Economist*, March 1992.
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- Zilberman, D., & J. Beghin. "New Approaches to Development." Review of Agricultural Household Models: Extensions, Applications, & Policy, I.S. Singh, L. Squire & J. Strauss eds., Growth & Change 19 (1988): 94-95.

COURSES TAUGHT & GRADUATE STUDENTS COMMITTEES

Undergraduate courses (alphabetic order)

Agribusiness marketing, ISU (1998-2000, 2008, 2009, 2011(2x), 2012 (2x), 2013 (2x), 2015 (3x), 2016)

Agricultural Policy, NCSU, 2019

Capstone seminar on globalization (International Studies Program), ISU (2009-2013, 5x)

The economics of global agriculture, food, & bioenergy markets, ISU (2013, 2015, 2016)

Intermediate microeconomics, NCSU (1991-92)

International agricultural trade, UNL (2021, 2022, 2023 (spring and planned fall)

Microeconomics principles, NCSU (1983-84 & 1997) (7x)

Trade, environment & growth (advanced undergraduate), NCSU (1996-97)

Yeutter Institute Summer Internship Program, UNL, 2019 (1 intern), 2020 (5), 2021 (4), 2022 (3)

Graduate courses & research workshops (alphabetic order)

Agricultural international trade (PhD course), UNL (2020, 2022)

Agricultural economics (Ph.D. course focused on ag trade policy), ISU (2003, 2005-06, 2008, 2010-11)

Agricultural economics research workshop, ISU (2001-02, 2004-05, 2005-06, 2007, 2010)

Economic development (master level course), NCSU (1989-93, 1995-96) ISU (1998)

Economic development (Ph.D. course), NCSU (1995)

Epscor renewable energy cross-disciplinary research workshop, ISU (2012-15, fall 2015)

Epscor renewable energy & policy seminar, ISU (2012-15, fall 2015)

International trade (Ph.D. course), NCSU (1992-93, 1997)

International trade & the environment (short Ph.D. course), University of Paris X (2003)

International trade research workshop, NCSU (1990-93, 1995-96)

Managerial economics for accountants (master in accounting), University of Sydney (2008)

Executive short courses (alphabetic order)

Agricultural commodity market studies, the World Bank, PREM Trade Unit (2003)

Agricultural policy analysis, Chemonics-USAID APSP Ghana project (2016, 2017)

Agricultural trade policy, the World Bank ESSD week (2004)

Regional agricultural trade integration: training program design for the World Bank Institute (2008)

SPS and TBT policy analysis, UNL, 11-weeks training for USDA FAS Fellows (2022)

Doctoral students committees

Michels, Jacob (major professor), UNL, current

Research on sedentary lifestyle and food security assessment

Otgun, Hanifi, (major professor), UNL, current

Research on Brazil's Robusta coffee trade policy

Hedoui, Amine, (major professor), UNL, current

Research on biotechnology and trade, and food security in North Africa

Ahmed, Ishita, (member of dissertation committee in economics), UNL, current

Research on immigration and labor market outcomes

Xuerui, Kou (member of dissertation committee in economics), UNL, current

Research on China's IP supply chain and tax treatment

Lee, Yunkyung (Julie), (member of dissertation committee), UNL (2021)

Research on obesity and food consumers, and gene-edited seed adoption

Hammami, Malek, (major professor), UNL (2021)

Research on olive oil market, trade and labeling

Park, Byungyul, (chair of dissertation committee with K Boys co-chair), NCSU (2020)

Research on trade in higher education services and economic integration agreements

Herghelegiu, Cristina, (member of dissertation committee), Paris School of Economics (2018)

Research on mesures non tarifaires, commerce international et development

Song Nyeon Kim, (member of dissertation committee), NCSU (2018)

Resarch on international trade and labor markets In Korea and Mexico

Perry, Edward, (member of dissertation committee) ISU (2016)

Dissertation on glyphosate tolerant soybeans and conservation tillage

Peng, Yixing, (member of dissertation committee), ISU (2015)

Research on ethanol trade

Valin, Hugo, (member of Jury), AgroParisTech-INRA (2014)

Research on Land use change & global agricultural markets

Oh, Miyoung, (member of dissertation committee), ISU (2014)

Research on obesity & health policies

Yan, Guo, (member of dissertation committee), ISU (2013)

Research on trade & uncertainty in financial markets & FDI

Li, Yuan, (chair of dissertation committee), ISU (2012)

Research on technical barriers to trade & maximum residue limits for pesticides

Bo, Xiong, (chair of dissertation committee), ISU (2012)

Research on non-tariff measures

Tong Wang, (member of the dissertation committee), ISU (2012)

Research on the economics of animal diseases

Yu, Tian, (member of dissertation committee), ISU (2011)

Research on yield distribution & farm insurance policy

Gao, Xiang, (member of dissertation committee), ISU (2011)

Research on private debt with pervasive risk of default

Zhen, Miao, (co-chair of dissertation committee), ISU (2011)

Research on obesity, taxes & farm policy

Bhaskar, Arathi, (co-chair of dissertation committee with David Hennessy), candidate (left ISU), ISU Research on farm policy decoupling

Du, Xiaodong, (member of dissertation committee), ISU, (2008)

Research on land rent determination & ethanol production linked to crack spread

Yue, Chengyan, (co-chair of dissertation committee), ISU (2006)

Dissertation on food quality & transaction costs

Bekkali, Mukhtar, (co-chair of dissertation committee), ISU (2006)

Dissertation on domestic content requirements in public & cultural good provision

Houée, Magalie, (examiner of thesis), Université de Paris Dauphine (2006)

Thesis on les enjeux de la construction du modèle d'équilibre partiel multi-marchés WEMAC

Kutschukian, Jean-Marc, (examiner of thesis), University of Sydney (2006)

Thesis on a theoretical analysis of voluntary corporate social responsibility

Tu, Anh, (co-chair of dissertation committee), ISU (2005)

Dissertation on exotic pest, invasive species, & trade

Schluep Campo, Isabelle, (co-examiner of thesis), Federal Institute of Technology Zurich (2004)

Thesis on Market access options in the WTO Doha round: impacts on the Swiss meat market

Chahed, Youssef, (external member of thesis committee), Institut National Agronomique Paris (2003)

Doctoral thesis on the quantification of regional preferential trade agreements

Sobolevsky, Andrei, (member of dissertation committee), ISU (2002)

Research on welfare effects of GMO innovations for differentiated crops

Feng, Hongli, (member of dissertation committee), ISU (2001)

Dissertation on C0₂ sequestration in agriculture & global warming

Metcalfe, Mark, (unofficial chair of dissertation committee because of move to ISU) NCSU (2000)

Dissertation on environmental regulation, quality, & international competitiveness of the pork industry

Nimon, Wesley, (co-chair of dissertation committee), NCSU (1999)

Dissertation on eco-labeling in textiles & its impact on the cotton industry

Gonese, Francis, (member of dissertation committee -Forestry. I left NCSU in 1998)

Dissertation on the impact of agroforestry on smallholder farmers in Zimbabwe

Overton, Benny, (chair of dissertation committee) candidate, research completed, NCSU

Dissertation on the impact of EU phyto-sanitary regulation in the cigarette industry

Zaini, Hasyim, (co-chair of dissertation committee) candidate, research published, NCSU

Dissertation on the U.S. domestic content requirement policies

Espinosa, Andres, (member of dissertation committee), NCSU (1996)

Dissertation on welfare effects of environmental policy in CGE framework

Kherallah, Mylène, (chair of dissertation committee), NCSU (1994)

Dissertation on unilateralism & Section 301 of the 1974 U.S. Trade Act

Yang, Hae Young, (member of dissertation committee), NCSU (1994)

Dissertation on U.S. pesticide export demand in Mexico & Canada

Ursone, Diane, (minor representative in dissertation committee -Psychology), NCSU (1993)

Dissertation on learning ability & labor productivity in Peru

Lee, Yao Hsien, (member of dissertation committee), NCSU (1992)

Dissertation on R&D policy & industrial organization in Japan

Shui, Shangnan, (co-chair of dissertation committee), NCSU (1991)

Dissertation on the impact of the Multiple Fiber Arrangement

Master students committees

Jayasinghe, Sampath, (member of master committee), ISU (former PhD candidate), 2012

Creative component on seed exports & SPS regulation

Sapci, Onur, (chair of master committee), ISU, (2008)

Shi, Wen, (member of master committee), ISU (2007)

Schluep, Isabelle, (chair of master committee), ISU (2002)

Dobryanskaya, Tatyana, (member of master committee), ISU (2000)

Park, Sung Joon, (chair of master committee), ISU (1999)

Solakoglu, Ebru, (member of master committee), NCSU (1998)

Lindsey, Chris, (chair of master thesis committee), NCSU (1997)

Thesis on the costs & benefits regulations promoting natural gas vehicles

Bowland, Bradley, (chair of master thesis committee), NCSU (1997)

Thesis on the health impact of air pollution induced by growth in Santiago, Chile

He, Dequan, (member of master thesis committee -Forestry), NCSU (1996)

Thesis on price expectations & inventory in empirical timber supply models

Caner, Asena, (member of master committee), NCSU (1996)

Maher, Scott, (member of master committee), NCSU (1996)

Sorrill, Thomas, (Chair of master committee -MIS program), NCSU (1996)

Adriani, Magda, (member of master committee), NCSU (1995)

Coulter, Edward, (member of master thesis committee -Forestry), NCSU (1994)

Thesis on Ecuador's forest management institutions effectiveness

Canakci, Demet, (chair of master committee), NCSU (1993)

Zraoula Mohmmed, (member of master committee), NCSU (1993)

Gonese, Francis, (chair of master committee), NCSU (1993)

Hamrich, Dan, (chair of master committee), NCSU (1992)

Radha, Dave, (chair of master committee), NCSU (1992)

Nations, Elizabeth, (member of master committee -MIS program), NCSU (1992)

Quijandria, Alvaro, (member of master thesis committee), NCSU (1992)

Thesis on real exchange rate, illegal drug trade & their impact on agriculture in Peru

Lowrey, Michael, (member of master thesis committee), NCSU (1992)

Thesis on inflation in countries member of the CFA zone

LANGUAGE, INTERNATIONAL PROFESSIONAL EXPERIENCE, & PERSONAL INFORMATION English: excellent; French: excellent

Long-term professional experience (≥ 1 year residence): Australia, Belgium, France, Sénégal, & USA

Short-term professional experience: Argentina, Chile, China, The Gambia, Ghana, & Turkey

Born in Brussels, Belgium, April 17. 1954, naturalized U.S. citizen; married to Yalem Teshome; one child, A. Carla