



Paul C. Winters

Keough-Hesburgh Professor of Sustainable Development
University of Notre Dame

Agricultural and resource economist focusing on rural poverty, food security and climate change, as a professor and in positions with development institutions.

pwinters@nd.edu

<https://paulconalwinters.com>

EDUCATION

Ph.D., Agricultural and Resource Economics, University of California at Berkeley, 1996

Master of Arts, Economics, University of California at San Diego, 1992

Bachelor of Arts, *Summa Cum Laude*, Non-Western Studies, University of San Diego, 1988

PROFESSIONAL EXPERIENCE

Keough-Hesburgh Professor of Sustainable Development, University of Notre Dame, Keough School of Global Affairs, Notre Dame, IN. *September 2020 to present.*

Endowed chair and tenured, full professor position which includes research, teaching, student supervision, academic service and policy engagement.

Executive Director, Agricultural Innovation Mechanism for Scale (AIM for Scale). *January 2025 to present.*

Manage the Secretariat, oversee activities and lead partnership engagement for AIM for Scale, which builds alliances to promote the scaling of impactful and cost-effective agricultural innovations to address issues related to climate change, food security, and agricultural productivity.

Visiting Scholar, School of Global Policy and Strategy, University of California San Diego, San Diego, CA. *July 2025 to present.*

Research leave from the University of Notre Dame focused on research addressing issues around climate change, food security and agricultural productivity.

Associate Dean for Academic Affairs, University of Notre Dame, Keough School of Global Affairs, Notre Dame, IN. *January 2023 to June 2025.*

Responsible for all processes related to the Keough School faculty including hiring, appointment, renewals, promotion, tenure, and annual evaluations, oversee the mentoring and professional development of junior faculty members, and provide oversight of the School's academic programs.

Executive Director, Innovation Commission for Climate Change, Food Security and Agriculture, Development Innovation Lab, University of Chicago, Chicago, IL. *November 2022 to June 2025.*

Oversee activities and lead engagements with partners for the Innovation Commission, which is chaired by Nobel Laureate (Economics, 2019) Michael Kremer and promotes innovation development and scaling to address climate change, food security, and agriculture.

Associate Vice-President, Strategy and Knowledge Department, International Fund for Agricultural Development (IFAD), Rome, Italy. *July 2016 to August 2020.*

Provided leadership in technical operational support, knowledge management, and strategic planning; supervised three divisions with 100+ staff and consultants; planned and allocated the \$US15 million departmental budget. Member of IFAD's Executive Management Committee, which is responsible for overall institutional management, including relations with the Executive Board.

Director, Research and Impact Assessment Division, International Fund for Agricultural Development (IFAD), Rome, Italy. September 2015 to August 2018.

Managed IFAD's research activities and impact evaluations of IFAD-supported projects, which required developing research and impact evaluation agendas; worked to improve development effectiveness at IFAD; supervised approximately 20 staff; planned and allocated the divisional budget.

Professor, American University, Department of Economics, Washington, DC. August 2004 to August 2015 (Associate Professor 2004-2013, tenured 2010).

Position included research, teaching, student supervision, and academic service. Published more than 50 peer-reviewed articles and book chapters, taught 12 different courses, and supervised around 30 PhD students (19 as chair) and 30+ MA students.

Technical consultant, Inter-American Development Bank, Office of Strategic Planning and Development Effectiveness, Washington, DC. October 2008 to August 2015 (sabbatical August 2010-July 2011).

Provided technical support for a unit focusing on impact evaluation, which included creating the unit, teaching courses, writing guidelines, and designing and conducting impact evaluations.

Agricultural and Resource Economist, Inter-American Development Bank, Department for Mexico, Central America, Dominican Republic, and Haiti, Environment and Natural Resources Division, Washington, DC. October 2002 to July 2004.

Held a position in the loan operations section of the IDB, which required preparing loans linked to promoting agricultural and rural development in the region.

Lecturer, University of New England, Graduate School of Agricultural and Resource Economics & School of Economics, Armidale, Australia. January 1999 to September 2002 (tenured 2001).

Position included research, teaching, student supervision, and academic service.

Visiting Expert, Food and Agriculture Organization of the United Nations, Economic and Social Division, Rome, Italy. January 2002 to July 2002 (study leave from the University of New England).

Conducted research on cash transfer programs, agricultural biodiversity, and smallholder agriculture.

Economist/Rockefeller Foundation Research Fellow, International Potato Center (CIP), Lima, Peru. January 1997 to December 1998.

Conducted research on smallholder production and natural resource management in the Andean region.

RESEARCH

Journal Articles

Porciello, Jaron **Paul Winters**, Mohammed Farrae, Julia McKenna and Lauren Phillips (2025). "Do international financial institutions facilitate agrifood systems transformation? A textual analysis of design documents." *Global Food Security* (45) <https://doi.org/10.1016/j.gfs.2025.100845>

Hossain, Marup, Lisa Jäckering, Conner Mullally and Paul Winters. (2025). "Poverty Prediction and Targeting over Time and Space: Evidence from Nigeria." *Applied Economic Perspectives and Policy* 1–18. <https://doi.org/10.1002/aepp.13515>

Davis, Benjamin, Ana Paula de la O Campos, Mohammad Farrae and **Paul Winters**. (2024). "Whither the agricultural productivity-led model? Reconsidering resilient and inclusive rural transformation in the context of agrifood systems." *Global Food Security* 43(2024), <https://doi.org/10.1016/j.gfs.2024.100812>

Estefan, Alejandro, Martina Improta, Romina Ordoñez and **Paul Winters**. (2024). "Digital Training for Micro-Entrepreneurs in Developing Countries: Evidence from an RCT in Guatemala." *World Bank Economic Review* 38(2): 394–421. <https://doi.org/10.1093/wber/lhad029>

- d'Errico, Marco, Ellestina Jumbe, Lauren Oliver, Rebecca Pietrelli, Irene Staffieri and **Paul Winters**. (2024). "Transfers as a means to mitigate COVID-19 impacts on food security: Evidence from refugee and host communities Uganda." *Journal of Development Studies* 60(3): 432–456. <https://doi.org/10.1080/00220388.2023.2282368>
- Oliver, Lauren, Marco d'Errico and **Paul Winters**. (2024). "Economic Integration between Refugee Settlements and Host Communities." *Journal of Development Studies* 60(3): 360–379. <https://doi.org/10.1080/00220388.2023.2282363>
- d'Errico, Marco, Donato Romano and **Paul Winters**. (2024). "Assessing Uganda's Progressive Refugee Policy in the Era of COVID-19: Introduction to the Special Issue." *Journal of Development Studies* 60(3): 351–359. <https://doi.org/10.1080/00220388.2023.2282364>
- Bonilla, Juan, Andrea Coombes, Dannie Romney and **Paul Winters**. (2024). "Changing the logic in agricultural extension: evidence from a demand-driven extension programme in Kenya." *Journal of Development Effectiveness* 16(1): 118–141. <https://doi.org/10.1080/19439342.2023.2181848>
- Bertassello, Leonardo, Marc Müller and **Paul Winters**. (2023) "Access to global reserves determines vulnerability to supply disruption of Ukrainian wheat." *Nature Food* 4, 673–676. <https://doi.org/10.1038/s43016-023-00806-w>
- Songsermsawas, Tisorn, Kafle, Kashi and **Paul Winters**. (2023) "Decomposing the impacts of an agricultural value chain development project by gender and ethnicity in Nepal." *World Development* 168, 106259. <https://doi.org/10.1016/j.worlddev.2023.106259>
- Ambikapathi, Ramya, Kate R. Schneider, Benjamin Davis, Mario Herrero, **Paul Winters** and Jessica C. Fanzo. (2022). "Global food systems transitions have enabled affordable diets, but outcomes in nutrition, environmental sustainability, inclusion and equity have been less favourable." *Nature Food* 3(9): 764–779. <https://doi.org/10.1038/s43016-022-00588-7>
- Winters, Paul**, Emily Hogue, Michael Steiner, Chista Keramati, Maryam Rokhideh and Sarah Eissler (2022). "Facilitating Data Use for Decisionmaking: 50x2030's Approach." *Statistical Journal of the International Association for Official Statistics* 38(1): 163–180. <https://doi.org/10.3233/SJI-210908>
- Tiwari, Smriti, Sara Savastano, Martina Improta and **Paul Winters**. (2022). "Rural economic activities of persons with disabilities in Sub-Saharan Africa." *Oxford Development Studies* (2022): 1–15. <https://doi.org/10.1080/13600818.2022.2039606>
- Davis, Benjamin, Leslie Lipper and **Paul Winters**. (2022). "Do not transform food systems on the backs of the rural poor." *Food Security* (2022):1–12. <https://doi.org/10.1007/s12571-021-01214-3>
- Kafle , Kashi, Tisorn Songsermsawas and **Paul Winters**. (2022) "Agricultural value chain development in Nepal: Understanding mechanisms for poverty reduction." *Agricultural Economics* 2022: 1–19 <https://doi.org/10.1111/agec.12696>
- Gitter, Seth R., James Manley, Jill Bernstein and **Paul Winters**. (2022). "Do agricultural support and cash transfer programmes improve nutritional status?" *Journal of International Development* 34:203–235. <https://doi.org/10.1002/jid.3590>
- Ruben, Ruerd, Romina Cavatassi, Leslie Lipper, Eric Smaling, **Paul Winters**. (2021). "Towards food systems transformation—five paradigm shifts for healthy, inclusive and sustainable food systems." *Food Security* 13.6: 1423–1430. <https://doi.org/10.1007/s12571-021-01221-4>
- Higgins, Daniel, Aslihan Arslan and **Paul Winters** (2021). "What role can small-scale irrigation play in promoting inclusive rural transformation? Evidence from smallholder rice farmers in the Philippines." *Agricultural Water Management* 243: 106437. <https://doi.org/10.1016/j.agwat.2020.106437>

- Arslan, Aslihan, David L. Tschirley, Constanza Di Nucci and **Paul Winters** (2021). "Youth Inclusion in Rural Transformation." *The Journal of Development Studies* 57:4, 537-543, <https://doi.org/10.1080/00220388.2020.1808199>
- d'Errico, Marco, Alessandra Garbero, Marco Letta and **Paul Winters** (2020). "Evaluating Program Impact on Resilience: Evidence from Lesotho's Child Grants Programme." *The Journal of Development Studies* 56(12): 2212-2234 <https://doi.org/10.1080/00220388.2020.1746279>
- Porciello, Jaron, Hale Ann Tufan, Jemimah Njuki, **Paul Winters**, Edward Mabaya and Ronnie Coffman (2020). Comment "Averting hunger in sub-Saharan Africa requires data and synthesis." *Nature* 584: 37-40. <https://doi.org/10.1038/d41586-020-02281-w>
- Kafle, Kashi., Rui Benfica and **Paul Winters** (2020). "Does relative deprivation induce migration? Evidence from Sub-Saharan Africa." *American Journal of Agricultural Economics*: 102(3): 999-1019. <https://doi.org/10.1002/ajae.12007>
- Daidone, Silvio, Benjamin Davis, Sudhanshu Handa and **Paul Winters**. (2019). "The household and individual-level productive impacts of cash transfer programs in Sub-Saharan Africa." *American Journal of Agricultural Economics* 101(5): 1401-1431. <https://doi.org/10.1093/ajae/aay113>
- Tiwari, Smriti and **Paul Winters**. (2019). "Liquidity Constraints and Migration: Evidence from Indonesia." *International Migration Review* 53(1): 254-282. <https://doi.org/10.1177/0197918318768555>
- Cameron, Drew, Edward Whitney and **Paul Winters**. (2019). "Heterogeneous Effects of Urban Land Titling: A Replication of 'Property Rights for the Poor'." *Journal of Development Studies* 55(5): 1030-1033. <https://doi.org/10.1080/00220388.2018.1506576>
- Radchenko, Natalia, Paul Corral and **Paul Winters**. (2018). "Heterogeneity of commercialization gains in the rural economy." *Agricultural Economics* 49: 131-143. <https://doi.org/10.1111/agec.12401>
- Higgins, Daniel, Tim Balint, Harold Livsage and **Paul Winters**. (2018). "Investigating the impacts of increased rural land tenure security: A systematic review of the evidence." *Journal of Rural Studies* 61: 34-62. <https://doi.org/10.1016/j.jrurstud.2018.05.001>
- Schling, Maja and **Paul Winters**. (2018). "Computer-assisted instruction for child development: Evidence from an educational program in rural Zambia." *Journal of Development Studies* 54(7): 1121-1136. <https://doi.org/10.1080/00220388.2017.1366454>
- Smith, Michael, Woubet Kassa and **Paul Winters**. (2017). "Assessing food insecurity in Latin America and the Caribbean using FAO's Food Insecurity Experience Scale." *Food Policy* 71: 48-61. <https://doi.org/10.1016/j.foodpol.2016.10.003>
- Salazar, Lina, Julian Aramburu, Mario Gonzalez Flores and **Paul Winters**. (2016). "Sowing for food security: A case study of smallholder farmers in Bolivia." *Food Policy* 65: 32-52. <https://doi.org/10.1016/j.foodpol.2016.10.003>
- Stecklov, Guy, Alex Weinreb and **Paul Winters**. (2016). "The exclusion from welfare benefits: Resentment and survey attrition in a randomized controlled trial in Mexico." *Social Science Review* 60: 100-109. <https://doi.org/10.1016/j.ssresearch.2016.06.002>
- Carletto, Gero, Marie Ruel, **Paul Winters** and Alberto Zezza. (2015). "Farm-level pathways to improved nutritional status: Introduction to the special issue." *Journal of Development Studies* 51(8): 945-957. <https://doi.org/10.1080/00220388.2015.1018908>
- Carletto, Gero, Sydney Gourlay and **Paul Winters**. (2015). "From Guesstimates to GPStimates: Land area measurement and implications for agricultural analysis." *Journal of African Economies* 24(5): 593-628. <https://doi.org/10.1093/jae/ejv011>

- Henderson, Heath, Leonardo Corral, Eric Siminig and **Paul Winters**. (2015). "Land accumulation dynamics in developing country agriculture." *Journal of Development Studies* 51(6): 743-761.
<https://doi.org/10.1080/00220388.2014.989993>
- Kilic, Talip, Gero Carletto and **Paul Winters**. (2015). "Gender and agriculture in Sub-Saharan Africa: Introduction to the special issue." *Agricultural Economics* 46(3): 281-284.
<https://doi.org/10.1111/agec.12165>
- Oseni, Gbemisola, Paul Corral, Markus Goldstein and **Paul Winters**. (2015). "Explaining gender differentials in agricultural production in Nigeria." *Agricultural Economics* 46(3): 285-310.
<https://doi.org/10.1111/agec.12166>
- Karamba, R. Wendy and **Paul Winters**. (2015) "Gender and agricultural productivity: Implications of the Farm Input Subsidy Program in Malawi." *Agricultural Economics* 46(3): 357-374.
<https://doi.org/10.1111/agec.12169>
- Kilic, Talip, Edward Whitney and **Paul Winters**. (2015). "Decentralized beneficiary targeting in large-scale development programmes: Insights from the Malawi Farm Input Subsidy Program." *Journal of African Economies* 24(1): 26-56. <https://doi.org/10.1093/jae/eju021>
- Asfaw, Solomon, Benjamin Davis, Josh Dewbre, Sudhanshu Handa and **Paul Winters**. (2014). "Cash transfer programmes, productive activities and labour supply: Evidence from randomized experiment in Kenya." *Journal of Development Studies* 50(8): 1172-1196. <https://doi.org/10.1080/00220388.2014.919383>
- González-Flores, Mario, Boris E. Bravo-Ureta, Daniel Solís and **Paul Winters**. (2014). "The impact of high value markets on smallholder productivity in the Ecuadorean Sierra: A stochastic production frontier approach correcting for selectivity bias." *Food Policy* 44: 237-247. <https://doi.org/10.1016/j.foodpol.2013.09.014>
- Boone, Ryan, Katia Covarrubias, Benjamin Davis and **Paul Winters**. (2013). "Cash transfer programs and agricultural production: The case of Malawi." *Agricultural Economics* 44: 365-378.
<https://doi.org/10.1111/agec.12017>
- Winters, Paul**, Leonardo Corral and Adela Moreda Mora. (2013). "Assessing the role of tourism in poverty alleviation: A research agenda." *Development Policy Review* 31 (2): 177-202.
<https://doi.org/10.1111/dpr.12002>
- Gonzalez-Flores, Mario, Maria Heracleous and **Paul Winters**. (2012). "Leaving the safety net: An analysis of dropouts in an urban conditional cash transfer program." *World Development* 40(12): 2505-2521.
<https://doi.org/10.1016/j.worlddev.2012.05.020>
- Lipper, Leslie, Romina Cavatassi and **Paul Winters**. (2012). "Seed supply in local markets: supporting sustainable use of crop genetic resources." *Environment and Development Economics* 17(5): 507-521.
<https://doi.org/10.1017/S1355770X12000393>
- Cavatassi, Romina, Leslie Lipper and **Paul Winters**. (2012). "Sowing the seeds of social relations: Social capital and agricultural diversity in Hararghe Ethiopia." *Environment and Development Economics* 17(5): 547-578.
<https://doi.org/10.1017/S1355770X12000356>
- Salazar, Lina and **Paul Winters**. (2012). "The impact of seed market access and transaction costs on potato biodiversity and yields in Bolivia." *Environment and Development Economics* 17(5): 633-661.
<https://doi.org/10.1017/S1355770X12000265>
- Covarrubias, Katia, Benjamin Davis and **Paul Winters**. (2012). "From protection to production: Productive impacts of the Malawi Social Cash Transfer Scheme." *Journal of Development Effectiveness* 4(1): 50-77.
<https://doi.org/10.1080/19439342.2011.641995>

- Todd, Jessica, **Paul Winters** and Guy Stecklov. (2011). "Evaluating the impact of the poverty-reduction programs on fertility: The case of the Red de Protección Social in Nicaragua." *Journal of Population Economics* 25(1): 267-290. <https://doi.org/10.1007/s00148-010-0337-5>
- Cavatassi, Romina, Mario Gonzalez, **Paul Winters**, Jorge Andrade, Patricio Espinosa and Graham Thiele. (2011). "Linking Smallholders to the new agricultural economy: An evaluation of the Plataformas Program in Ecuador." *Journal of Development Studies* 47(10): 1545-1573. <https://doi.org/10.1080/00220388.2010.536221>
- Zeza, Alberto, **Paul Winters**, Benjamin Davis, Gero Carletto, Katia Covarrubias, Luca Tasciotti and Esteban Quiñones. (2011). "Rural household access to assets and agrarian institutions: A cross country comparison." *European Journal of Development Research* 23(4): 569-597. <https://doi.org/10.1057/ejdr.2011.15>
- Winters, Paul**, Alessandro Maffioli and Lina Salazar. (2011). "Introduction to the Special Feature: Evaluating the impact of agricultural projects in developing countries." *Journal of Agricultural Economics* 62(2): 393-402. <https://doi.org/10.1111/j.1477-9552.2011.00296.x>
- Cavatassi, Romina, Mario Gonzalez, Lina Salazar and **Paul Winters**. (2011). "How do agricultural programmes alter crop production? Evidence from Ecuador." *Journal of Agricultural Economics* 62(2): 403-428. <https://doi.org/10.1111/j.1477-9552.2010.00279.x>
- Winters, Paul** and Vera Chiodi. (2011). "Human capital investment and long-term poverty reduction in rural Mexico." *Journal of International Development* 23(4): 515-538. <https://doi.org/10.1002/jid.1664>
- Todd, Jessica and **Paul Winters**. (2011). "The effect of early interventions in health and nutrition on on-time school enrollment: Evidence from the Oportunidades Program in rural Mexico." *Economic Development and Cultural Change* 59(3): 549-581. <https://doi.org/10.1086/658347>
- Zeza, Alberto, Gero Carletto, Benjamin Davis and **Paul Winters**. (2011). "Assessing the impact of migration on food and nutrition security." *Food Policy* 36(1): 1-6. <https://doi.org/10.1016/j.foodpol.2010.11.005>
- Karamba, Wendy, Esteban J. Quiñones and **Paul Winters**. (2011). "Migration and food consumption patterns in Ghana." *Food Policy* 36(1): 41-53. <https://doi.org/10.1016/j.foodpol.2010.11.003>
- Nguyen, Minh and **Paul Winters**. (2011). "The impact of migration on food consumption patterns: The case of Vietnam." *Food Policy* 36(1): 71-87. <https://doi.org/10.1016/j.foodpol.2010.11.001>
- Handa, Sudhanshu, Benjamin Davis, Marco Stampini and **Paul Winters**. (2010). "Heterogeneous Treatment Effects in Conditional Cash Transfer Programmes: Assessing the impact of Progresa on Agricultural Households" *Journal of Development Effectiveness* 2(3):320-335. <https://doi.org/10.1080/19439342.2010.499176>
- Winters, Paul**, Timothy Essam, Alberto Zeza, Benjamin Davis and Gero Carletto. (2010). "Patterns of rural development: A cross-country comparison using microeconomic data." *Journal of Agricultural Economics* 61(3): 628-651. <https://doi.org/10.1111/j.1477-9552.2010.00265.x>
- Carletto, Gero, Angeli Kirk, **Paul Winters** and Benjamin Davis. (2010). "Globalization and smallholders: The adoption, diffusion and welfare impact of non-traditional export crops in Guatemala." *World Development* 38(6): 814-827. <https://doi.org/10.1016/j.worlddev.2010.02.017>
- Davis, Benjamin, Gero Carletto and **Paul Winters**. (2010). "Migration, transfers and economic decision making among agricultural households: An introduction." *Journal of Development Studies* 46(1): 1-13. <https://doi.org/10.1080/00220380903198000>
- Todd, Jessica, **Paul Winters** and Tom Hertz. (2010). "Conditional cash transfers and agricultural production: Lessons from the Oportunidades experience in Mexico." *Journal of Development Studies* 46(1): 39-67. <https://doi.org/10.1080/00220380903197945>

- Davis, Benjamin, **Paul Winters**, Gero Carletto, Katia Covarrubias, Esteban J. Quiñones, Alberto Zezza, Kostas Stamoulis, Carlo Azzarri and Stefania DiGiuseppe. (2010). "A cross country comparison of rural income generating activities." *World Development* 38(1): 48-63. <https://doi.org/10.1016/j.worlddev.2009.01.003>
- Winters, Paul** and Benjamin Davis. (2009). "Designing a program to support smallholder agriculture in Mexico: Lessons from PROCAMPO and Oportunidades." *Development Policy Review* 27(5): 587-612. <https://doi.org/10.1111/j.1467-7679.2009.00462.x>
- Winters, Paul**, Benjamin Davis, Gero Carletto, Katia Covarrubias, Esteban J. Quiñones, Alberto Zezza, Carlo Azzarri and Kostas Stamoulis. (2009). "Assets, activities and rural income generation: Evidence from a multicountry analysis." *World Development* 37(9): 1435–1452. <https://doi.org/10.1016/j.worlddev.2009.01.010>
- Winters, Paul**, Guy Stecklov and Jessica Todd. (2009). "Household structure and short-run economic change in Nicaragua." *Journal of Marriage and the Family* 71 (August 2009): 708-726. <https://doi.org/10.1111/j.1741-3737.2009.00628.x>
- Zezza, Alberto, Benjamin Davis, Gero Carletto, Kostas Stamoulis and **Paul Winters**. (2009). "Rural income generating activities: Whatever happened to the institutional vacuum? Evidence from Ghana, Guatemala, Nicaragua and Vietnam." *World Development* 37(7): 1297–1306. <https://doi.org/10.1016/j.worlddev.2008.11.004>
- Davis, Benjamin, **Paul Winters**, Thomas Reardon and Kostas Stamoulis. (2009). "Rural nonfarm employment and farming: Household-level linkages." *Agricultural Economics* 40(2): 119-123. <https://doi.org/10.1111/j.1574-0862.2009.00374.x>
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- Álvarez, Carola, Florencia Devoto and **Paul Winters**. (2008). "Why do beneficiaries leave the safety net in Mexico? A study of the effects of conditionality on dropouts." *World Development* 36(4): 641-658. <https://doi.org/10.1016/j.worlddev.2007.04.014>
- Stecklov, Guy, **Paul Winters**, Jessica Todd and Ferdinando Regalia. (2007). "Unintended effects of poverty programmes on childbearing in less developed countries: Experimental evidence from Latin America." *Population Studies* 61(2): 125-140. <https://doi.org/10.1080/00324720701300396>
- Ruiz, Marta, Benjamin Davis, Ashu Handa, Marco Stampini and **Paul Winters**. (2006). "Program conditionality and food security: The Impact of PROGRESA and PROCAMPO transfers in rural Mexico." *Revista Economia* 7(2): 249-278. <https://ideas.repec.org/a/anp/econom/v7y2006i2p249-278.html>
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- Huong Le, Thu and **Paul Winters**. (2001). "Aid policies and poverty alleviation: The case of Vietnam." *Asia-Pacific Development Journal* 8(2): 27-44. <https://bit.ly/2PcoFUH>
- Winters, Paul**, Alain de Janvry and Elisabeth Sadoulet. (2001). "Family and community networks in Mexico-U.S. migration." *Journal of Human Resources* 36(1): 159-184. <https://doi.org/10.2307/3069674>
- Winters, Paul**, Rinku Murgai, Alain de Janvry, Elisabeth Sadoulet and George Frisvold. (1998). "Economic and welfare impacts of climate change in developing countries." *Environmental and Resource Economics* 12(1): 1-24. <https://doi.org/10.1023/A:1008204419284>
- Winters, Paul**, Alain de Janvry, Elisabeth Sadoulet and Kostas Stamoulis. (1998). "The role of agriculture in economic development: Visible and invisible transfers." *Journal of Development Studies* 34(5): 71-97. <https://doi.org/10.1080/00220389808422537>

Working Papers

- Davis, Benjamin, Erdgin Mane, Leman Yonca Gurbuzer, Giulia Caivano, Natalia Piedrahita, Nimra Azhar, Marwan Benali, Nidhi Chaudhary, Rodrigo Rivera, Kate Schneider, Ramya Ambikapathi and **Paul Winters**. (2023). *Estimating global and country-level employment in agrifood systems*. FAO Statistics Working Paper Series, No. 23-34. Rome, FAO. <https://doi.org/10.4060/cc4337en>
- McCarthy, Nancy and **Paul Winters**. (2022) "Building Resilience to Climate Change in Sub-Saharan Africa through Irrigation Investments." Pulte Institute Policy and Practitioner Report No. 4. Notre Dame: Pulte Institute.
- Winters, Paul**, Benjamin Wakefield, Irene Toma, Anneke Schmider, Frini Chantzi and Osman Dar. (2022). "Facilitating progress towards SDG2: Proposed reforms to leadership, governance and coordination in the UN Rome-based agencies." *Chatham House Research Paper*. London: Chatham House.
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- Gitter, Seth R., James Manley, Jill Bernstein and **Paul Winters**. (2017). "Do agricultural support and cash transfer programmes improve nutritional status?" *IFAD Research Series Issue 18*. Rome, Italy: IFAD.
- Balint, Tim, Daniel Higgins, Paola Mallia, Silvana Scalzo and **Paul Winters**. (2017). "Disbursement performance of the International Fund for Agricultural Development," *IFAD Research Series Issue 14*. Rome, Italy: IFAD.
- Heracleous, Maria, Mario González-Flores and **Paul Winters**. (2016). "Conditional cash transfers and schooling decisions: Evidence from urban Mexico." *IDB Working Paper Series No. IDB-WP-721*. Washington, DC: Inter-American Development Bank.

- Cameron, Drew, Edward Whitney and **Paul Winters**. (2015). "The effects of land titling on the urban poor: A replication of property rights for the poor." *3ie Replication Paper 9*, Washington, DC: International Initiative for Impact Evaluation.
- Salazar, Lina, Julian Aramburu, Mario Gonzalez Flores and **Paul Winters**. (2015). "Food security and productivity impacts of technology adoption in small subsistence farmers in Bolivia." *IDB Working Paper Series No. IDB-WP-578*. Washington, DC: Inter-American Development Bank.
- Aramburu, Julian, Mario Gonzalez Flores, Lina Salazar and **Paul Winters**. (2014). "When a short-term analysis is not a short-term approach: Impacts of agricultural technology adoption in Bolivia." *IDB Working Paper Series No. IDB-WP-539*. Washington, DC: Inter-American Development Bank.
- Kilic, Talip, Edward Whitney and **Paul Winters**. (2013). "Decentralized beneficiary targeting in large-scale development programs: Insights from the Malawi Farm Input Subsidy Program" *World Bank Policy Research Working Paper No. 6713*, Washington, DC: World Bank.
- Carletto, Calogero, Sydney Gourlay and **Paul Winters**. (2013). "From Guesstimates to GPStimates: Land area measurement and implications for agricultural analysis." *World Bank Policy Research Working Paper No. 6550*, Washington, DC: World Bank.
- Cavatassi, Romina, Mario Gonzalez, **Paul Winters**, Jorge Andrade, Patricio Espinosa and Graham Thiele. (2009). "Linking Smallholders to the New Agricultural Economy: An Evaluation of the Plataformas Program in Ecuador." *ESA Working Paper No. 09-06*, Rome: Food and Agriculture Organization.
- Salazar, Lina, **Paul Winters**, Luis Maldonado, Guy Hareau and Graham Thiele. (2009). "Assessing the impact of late blight resistant varieties on smallholders' potato production in the Peruvian Andes." *CIP Social Science Working Paper No. 2009-5*, Lima, Peru: International Potato Center.
- Carletto, Gero. Angeli Kirk, **Paul Winters** and Benjamin Davis. (2007). "Non-traditional crops, traditional constraints: The adoption and diffusion of cash crops among Guatemalan smallholders." *World Bank Policy Research Working Paper No. 4347*, Washington, DC: World Bank.
- Davis, Benjamin, Sudhanshu Handa, Marta Ruiz-Arranz, Marco Stampini and **Paul Winters**. (2002). "Conditionality and the impact of programme design on household welfare: Comparing two diverse cash transfer programmes in rural Mexico." *ESA Working Paper No. 02-10*, Rome: Food and Agriculture Organization.
- Winters, Paul**, Leonardo Corral and Gustavo Gordillo. (2001). "Rural livelihood strategies and social capital in Latin America: Implications for rural development projects." *School of Economics Working Papers in Agricultural and Resource Economics 2001-6*. Armidale: University of New England, Australia.
- Corral, Leonardo, **Paul Winters** and Gustavo Gordillo. (2000). "Food insecurity and vulnerability in Latin America and the Caribbean." *School of Economics Working Papers in Agricultural and Resource Economics 2000-4*. Armidale: University of New England, Australia, 2000.
- Winters, Paul**, Patricio Espinoza and Charles Crissman. (1998). "Resource management in the Andes: An evaluation of CARE's PROMUSTA Program." *Social Science Working Paper 1998-2*. Lima, Peru: International Potato Center.
- Winters, Paul** and Hugo Fano. (1997). "The economics of biological control in Peruvian potato production." *Social Science Working Paper 1997-7*. International Potato Center. Lima, Peru: International Potato Center.

Book Chapters

- Arslan, Aslihan, Eva-Maria Egger and **Paul Winters**. (2019). "Migration, Demography and Agri-Food Systems." In Rachid Serraj and Prabhu Pingali(Eds.). *Agriculture & Food Systems to 2050: Global Trends, Challenges and*

Opportunities. Singapore: World Scientific Publishing Company Pte. Limited.

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Winters, Paul and Alessandra Garbero. (2018). "Corporate-level impact measurement–IFAD's experience," in *Rural21: The International Journal for Rural Development Vol. 52: Measuring Impact*. Frankfurt, Germany: GIZ.

Winters, Paul, Lisandro Martin and Constanza Di Nucci. (2018). "IFAD's approach to promoting effective rural development." In IFAD (ed.), *Effective rural development: IFAD's evidence-based approach to managing for results*. Rome, Italy: IFAD.

Winters, Paul and Alessandra Garbero. (2018). "Approach to attributing IFAD's aggregate impact." In IFAD (ed.), *Effective rural development: IFAD's evidence-based approach to managing for results*. Rome, Italy: IFAD.

Balint, Tim, Daniel Higgins, Paola Mallia, Silvana Scalzo and **Paul Winters**. (2018). "IFAD's disbursement performance: Trends and drivers." In IFAD (ed.), *Effective rural development: IFAD's evidence-based approach to managing for results*. Rome, Italy: IFAD.

Arslan, Aslihan, Daniel Higgins and **Paul Winters**. (2018). "The Philippines's Irrigated Rice Production Enhancement Project." In IFAD (ed.), *Effective rural development: IFAD's evidence-based approach to managing for results*. Rome, Italy: IFAD.

Higgins, Daniel, Tim Balint, Harold Liversage and **Paul Winters**. (2018). "Land administration interventions: A systematic review." In IFAD (ed.), *Effective rural development: IFAD's evidence-based approach to managing for results*. Rome, Italy: IFAD.

Davis, Benjamin, Sudhanshu Handa, Nicola Hypher, Natalia Winder Rossi, **Paul Winters** and Jennifer Yablonski. (2016). "The transfer project, cash transfers and impact evaluation in Sub-Saharan Africa." In Davis, Benjamin, Sudhanshu Handa, Nicola Hypher, Natalia Winder Rossi, **Paul Winters** and Jennifer Yablonski (eds.), *From Evidence to Action: The Story of Cash Transfers and Impact Evaluation in Sub Saharan Africa*. Oxford, UK; Oxford University Press.

Davis, Benjamin, Sudhanshu Handa, Nicola Hypher, Natalia Winder Rossi, **Paul Winters** and Jennifer Yablonski. (2016). "Conclusions and policy implications for cash transfer programmes." In Davis, Benjamin, Sudhanshu Handa, Nicola Hypher, Natalia Winder Rossi, **Paul Winters** and Jennifer Yablonski (eds.), *From Evidence to Action: The Story of Cash Transfers and Impact Evaluation in Sub Saharan Africa*. Oxford, UK; Oxford University Press.

Winters, Paul. (2009). "Agriculture." In Reinert, Kenneth A. and Ramkishan S. Rajan (eds.), *Princeton Encyclopedia of the World Economy*. Princeton: Princeton University Press.

Winters, Paul, L. Hernando Hintze and Oscar Ortiz. (2005). "Rural development and on-farm potato diversity in Cajamarca, Peru." In Smale, Melinda (ed.), *Valuing Crop Biodiversity: On-Farm Genetic Resources and Economic Change*. Cambridge, MA: CABI publishing.

Lipper, Leslie, Romina Cavatassi and **Paul Winters**. (2005). "Seeds, needs and diversity: Assessing the patterns of seed demand and supply: The case of sorghum and wheat in the Hararghe region of Ethiopia." In Smale, Melinda (ed.), *Valuing Crop Biodiversity: On-Farm Genetic Resources and Economic Change*. Cambridge, MA: CABI publishing.

Winters, Paul, Rinku Murgai, Alain de Janvry, Elisabeth Sadoulet and George Frisvold. (1999). "Climate change and agriculture: Effects on developing countries." In Frisvold, George and Betsey Kuhn (eds.), *Global Environmental Change and Agriculture: Assessing the Impact*. Aldershot, UK: Edward Elgar.

Edited Special Issues and Books

d'Errico, Marco, Donato Romano and **Paul Winters**. (2024). Special issue on "How Close is Close? Assessing Uganda's Progressive Refugee Policy in the Era of COVID-19." *Journal of Development Studies* 60(3).

- Davis, Benjamin, Sudhanshu Handa, Nicola Hypher, Natalia Winder Rossi, **Paul Winters** and Jennifer Yablonski (eds.). (2016). *From evidence to action: The story of cash transfers and impact evaluation in Sub Saharan Africa*. Oxford University Press: Oxford, UK.
- Carletto, Gero, Marie Ruel, **Paul Winters** and Alberto Zezza (eds.). (2015). Special issue on “Farm-level pathways to improved nutritional status.” *Journal of Development Studies* 51(8).
- Kilic, Talip, Gero Carletto and **Paul Winters** (eds.). (2015). Special issue on “Gender and agricultural productivity in Sub-Saharan Africa.” *Agricultural Economics* 46(3).
- Lipper, Leslie, Romina Cavatassi and **Paul Winters** (eds.). (2012). Special issue on “Seed supply in local markets: Policies to support sustainable use of crop genetic resources.” *Environment and Development Economics* 17(5).
- Winters, Paul**, Alessandro Maffioli and Lina Salazar (eds.). (2011). Special feature on “Evaluating the Impact of Agricultural Projects in Developing Countries.” *Journal of Agricultural Economics* 62(2).
- Zezza, Alberto, Gero Carletto, Benjamin Davis and **Paul Winters** (eds.). (2011). Special issue on “Assessing the impact of migration on nutrition.” *Food Policy* 36(1).
- Carletto, Gero, Benjamin Davis and **Paul Winters** (eds.). (2010). Special issue on “Migration, transfers and economic decision making among agricultural households.” *Journal of Development Studies* 46(1).
- Davis, Benjamin, **Paul Winters**, Thomas Reardon and Kostas Stamoulis (eds.). (2009). Special issue on “Rural nonfarm employment and farming: Household-level linkages.” *Agricultural Economics* 40(2).
- Davis, Benjamin, Thomas Reardon, Kostas Stamoulis and **Paul Winters** (eds.). (2002). *Promoting farm/non-farm linkages in rural development: Case studies from Africa and Latin America*, Rome: Food and Agriculture Organization of the United Nations.

Academic Presentations, Conferences, Seminars and Workshops

- Co-organizer and participant.** At the second meeting *Shaping priorities for investment in resilient, inclusive rural transformation*, Rome, Italy, June, 2023.
- Keynote Lecture.** “Inclusive Rural Transformation in the Era of Climate Change: The Role of Productivity Gains.” *IAAE Interconference Symposium, Congreso Regional de Economía Agraria and, 1st Latin-American Workshop on Productivity and Efficiency*, Montevideo, Uruguay, April, 2023.
- Panelist.** “Evidence-based policy, IFAD11 Impact Assessments for Food System Transformation.” *IAAE Interconference Symposium, Congreso Regional de Economía Agraria and, 1st Latin-American Workshop on Productivity and Efficiency*, Montevideo, Uruguay, April, 2023.
- Invited speaker.** “The role of the private sector in transforming food systems.” Universidad Católica del Uruguay, Facultad de Ciencias Empresariales, Montevideo, Uruguay , April, 2023.
- Co-organizer and presenter.** “Reconsidering priorities for strategies, policies and investment for resilient, inclusive rural transformation.” At the meeting *Shaping priorities for investment in resilient, inclusive rural transformation*, Rome, Italy, March, 2023.
- Co-organizer and presenter.** “Shaping priorities for investment in resilient, inclusive rural transformation: Setting the scene.” Preparatory meeting for *Convening on resilient, inclusive rural transformations*, Rome, Italy, November, 2022.
- Invited speaker.** “Fostering inclusive and sustainable rural and food system transformation.” University of Guelph, Guelph; University of Saskatchewan, Saskatoon; McGill University, Montreal, Canada, January 2020.
- Panelist.** “Where and how are we intervening to facilitate agricultural transformation?.” At the workshop *Inclusive Agriculture and Rural Transformation: Building a Shared Research Agenda*, Rome, Italy. June 2019.
- Presenter.** “Monitoring and Evaluation” and **Moderator** “Assessing Scalability.” At the *Scale Up Conference at Purdue University*, Purdue, Indiana. September 2018.

Paper presentation. “Can irrigation investment improve social outcomes? Evidence from the Philippines.” At the *College of Agricultural Sciences and Natural Resource, University of Nebraska*, Lincoln, Nebraska. September 2018.

Paper presentation. “Does relative deprivation induce migration? Evidence from Sub-Saharan Africa.” At the *International Conference of Agricultural Economists*, Vancouver, Canada. July-August 2018.

Plenary session panelist. “Lessons Learned & Future Policy Challenges.” At the *22th ICABR Conference: Disruptive Innovations, Value Chains and Rural Development*. Washington, DC. June 2018.

Keynote address. “Production for protection: Do agricultural productivity programs serve a social protection role as well as lifting incomes? What evidence do we have?” At the World Bank event *Evidence for Agriculture*, Washington, DC. November 2016.

Paper presentation. “The Effects of Land Titling on the Urban Poor: A Replication of Property Rights for the Poor.” At the *3ie Replication Consultation*, Washington, DC. May 2015.

Co-organizer, session chair and presenter. At the *Second Workshop on the Transfer Project Book*, Livingstone, Zambia. October-November 2014.

Paper presentation. “The Wisdom of Plantwise: Preliminary Evidence from Kenya.” At the *CABI 3rd Annual Plantwise Donor Forum*, Delémont, Switzerland, October 2014.

Co-organizer, session chair and presenter. At the *Workshop on the Transfer Project Book*, Florence, Italy. May 2014.

Paper presentation. “Do Input Subsidies Alleviate Gender Differences in Agricultural Productivity? Evidence from Malawi.” At the *Gender and Agricultural Productivity in Sub-Saharan Africa*, Rome, Italy. September 2013.

Paper presentation. “When and under what conditions should we expect to find evidence of impact of cash transfer programs on household livelihoods?” At the *Workshop on the Protection to Production project*, Rome, Italy. September 2013.

Panelist. “From Research to Policy and Back Again.” At the *Social Protection, Agriculture and the “From Protection to Production” Project*, Rome, Italy. September 2013.

Co-organizer, session chair and final wrap-up. At the workshop *Farm Production and Nutrition*, Washington, DC. June 2013.

Paper presentation. “Cash Transfers, Agriculture and Child Nutritional Status: Evidence from Malawi.” At the *Department of Agriculture and Resource Economics at UC Davis Departmental Seminar*, Davis, California. May 2013.

Paper presentation. “From Protection to Production: Evidence from the Kenya CT-OVC program.” At the *3ie-IFPRI Joint Seminar Series on Impact Evaluation*, Washington, DC. January 2013.

Paper presentation. “Productive Impact of Unconditional Cash Transfer Program: Evidence from Randomized Experiment in Kenya.” At the *Association for Public Policy Analysis and Management (APPAM) Fall Research Conference*, Baltimore, Maryland. November 2012.

Co-organizer, session chair and final wrap-up. At the workshop *Evaluating the Impact of Tenure Security Interventions in Developing Countries*, Washington, DC. November 2012.

Paper presentation. “Land Tenure Formalization and Credit Access: Evidence from Ecuador.” At the workshop *Evaluating the Impact of Tenure Security Interventions in Developing Countries*, Washington, DC. November 2012.

Paper presentation. “From Protection to production: Overview of household-level analysis.” At the *Workshop on the Protection to Production Project*, Rome, Italy. September 2012.

Paper presentation. “The impact of the Malawi SCT program on productive activities.” At the workshop *Evaluating the Impact of Cash Transfer Programs in Sub Saharan Africa*, Nyeri, Kenya. February 2012.

Discussant. “Simulating the local economy impacts of CT programs: Sample and survey design issues, and an application to the Lesotho CGP program.” At the workshop *Evaluating the Impact of Cash Transfer Programs in Sub Saharan Africa*, Nyeri, Kenya. February 2012.

Paper presentation. “From Protection to Production: The Productive Impacts of Social Cash Transfers.” At the USAID workshop *Building Resilience and Assets for Food Security: Evidence and Implications for Feed the Future*, Washington, DC. September 2011.

Paper presentation. “From Protection to Production: The Productive Impacts of Social Cash Transfers.” At the *3IE Impact Evaluation Conference, Mind the Gap*, Cuernavaca, Mexico. June 2011.

Session chair. “Agricultural extension services: unpacking the causal chain.” At the *3IE Impact Evaluation Conference, Mind the Gap*, Cuernavaca, Mexico. June 2011.

Panel chair. “Wrap-up Session.” At the workshop *Measuring the Impacts of Food Security Related Programming*, Rome, Italy. December 2010.

Paper presentation. “Assessing the development effectiveness of agricultural projects in Latin America.” At the workshop *Measuring the Impacts of Food Security Related Programming*, Rome, Italy. December 2010.

Paper presentation. “Assessing the Role of Tourism in Poverty Alleviation.” At the workshop *Tourism for Development*, Washington, DC. October 2010.

Co-organizer and session chair. At the workshop *Tourism for Development*. Washington, DC. October 2010.

Co-organizer and panel member. At the workshop *Tourism for Development*. Sao Paulo, Brazil. May 2010.

Co-organizer and session chair. At the Inter-American Development Bank workshop *Evaluating the Impact of Agricultural Projects in Developing Countries*. Washington, DC. October 2009.

Paper Presentation (with Alessandro Maffioli). “Overview of Results and Lessons from the Workshop.” Presented at the Inter-American Development Bank workshop *Evaluating the Impact of Agricultural Projects in Developing Countries*, Washington, DC. October 2009.

Co-organizer and session chair. At the Food and Agriculture Organization (FAO) workshop *Migration and Nutrition*, Rome, Italy. June 2009.

Paper presentation (with Lina Salazar). “Evaluating Biodiversity and Yields: Impact of Access to Markets and Transaction Costs in Bolivia.” At the Food and Agriculture Organization (FAO) workshop *Using Markets to Promote the Sustainable Utilization of Crop Genetic Resources*, Rome, Italy. May 2008.

Co-organizer and roundtable discussant. “Major Themes Emerging from the Workshop.” At the Food and Agriculture Organization (FAO) workshop *Linkages between Farm and Nonfarm Income Generating Activities*, Rome, Italy. October 2007.

Paper presentation. “Sowing the seeds of social relations: the role of social capital in crop diversity.” At the *BioEcon IX meetings*, Cambridge UK, September 2007.

Paper presentation. “Rural Economic Activities in Developing Countries.” At the *Agricultural Economics Society Conference*, Reading, United Kingdom. April 2007.

Paper presentation. “Non-Traditional Crops, Traditional Constraints: The Adoption and Diffusion of Cash Crops among Guatemalan Smallholders.” At the *Agricultural Economics Society Conference*, Reading, United Kingdom. April 2007.

Paper presentation. “Remittances and Livestock Production in Burkina Faso.” At the Food and Agriculture Organization (FAO) workshop *Migration, Transfers and Household Economic Decision Making*, Rome, Italy. January 2007.

Co-organizer and discussant. “Impacts of International Migration and Remittances on Source Country Household Incomes in Small Island States: Fiji and Tonga.” At the Food and Agriculture Organization (FAO) workshop *Migration, Transfers and Household Economic Decision Making*, Rome, Italy. January 2007.

Paper presentation. “Migration and the Intensification of Livestock Production in Burkina Faso.” At the *International Association of Agricultural Economists Meetings*, Gold Coast, Australia. August 2006.

Paper presentation. “The new agricultural economy, farmer welfare and potato diversity: Preliminary evidence from the Andes.” At the *International Association of Agricultural Economists Meetings*, Gold Coast, Australia, 2006.

Paper presentation. “Assets, Activities and Rural Poverty: A Multicountry Analysis.” At the *International Association of Agricultural Economists Meetings*, Gold Coast, Australia. August 2006.

Paper presentation. “Demographic externalities from Poverty Programs in Developing Countries: Experimental evidence from Latin America.” At the *Population Association of America Annual Meetings*, Los Angeles, California. March 2006.

Session chair. At the Food and Agriculture Organization (FAO) workshop *Using markets to promote the sustainable utilization of crop genetic resources*, Rome, Italy. March 2006.

Paper presentation. “Rural Income-Generating Activities in Developing Countries: A MultiCountry Analysis.” At the Food and Agriculture Organization (FAO) workshop *Beyond Agriculture*, Rome, Italy. January 2006.

Discussant. At the *Southern Economics Association Annual Meetings*, Washington DC. November 2005.

Paper presentation. “The impact of cash transfers on childbearing in developing countries: Experimental evidence from Central America.” At the Center for Global Development’s *Massachusetts Avenue Development Seminar*, Washington DC. March 2005.

Research Grants

New York University-Abu Dhabi for Gates Foundation, Lead Principal Investigator, Agricultural Innovation Mechanism for Scale (AIM for Scale), Awarded \$1.2 million: 2025-2027.

Heliponix-LLC/Anu and Applied Research Institute, Lead Principal Investigator, *Anu Life Cycle Assessment* and *ARI voucher*, \$146,574: 2025-2026.

Bill and Melinda Gates Foundation, Co-Principal Investigator with Jaron Porciello, *Innovation Commission Support for UAE COP28 Presidency*, Awarded \$396,000: 2023-2024.

Bill and Melinda Gates Foundation, Co-Principal Investigator with Jaron Porciello, *Ceres 2030 Phase II & Commission on Ag, Climate Change, and Innovation*, Awarded \$5 million: 2022-2024.

University of Chicago for Bill and Melinda Gates Foundation, Lead Principal Investigator, *Commission on Innovation for Agriculture and Food Security/Analysis*. Awarded \$151,910: 2021-2022.

Massachusetts Institute of Technology for US Agency for International Development, Lead Principal Investigator, *Evaluation Analysis for MIT Comprehensive Initiative on Technology Evaluation*. Awarded \$157,375: 2021-2022.

Food and Agriculture Organization of the United Nations, Lead Principal Investigator, *Analysis of Spillover effects of Uganda's refugee policy framework on the economic development of refugee hosting districts*. Awarded \$60,000: 2021-2022.

Food and Agriculture Organization of the United Nations, Lead Principal Investigator, *Tech Assessment: A stock-taking assessment of the technologies that have been proposed, used, and implemented across FAO programmatic interventions*. Awarded \$55,825: 2021-2022.

CABI, Co-Principal Investigator under American Institutes for Research (AIR), *Impact Evaluation of CABI's Plantwise Programme in Kenya*. Awarded \$2 million: 2014-2018.

CABI, Co-Principal Investigator under American Institutes for Research (AIR), *Proposal Preparation to Carry Out an Impact Evaluation of the CABI-led Programme Plantwise*. Awarded \$20,000: 2013-2014.

Food and Agriculture Organization of the United Nations, Principal Investigator, *From Protection to Production Project*. Awarded \$106,700: 2013-2014.

3IE, Principal Investigator, *To Replicate "Property rights for the poor: Effects of land titling" by Sebastian Galiani and Ernesto Schargrodsky*. Awarded \$14,574: 2013-2014.

Food and Agriculture Organization of the United Nations, Principal Investigator, *Smallholders in Transition: Phase II*. Awarded \$96,500: 2010-2011.

Food and Agriculture Organization of the United Nations, Principal Investigator, *Smallholders in Transition*. Awarded \$151,500: 2009-2010.

Food and Agriculture Organization of the United Nations, Principal Investigator, *Incorporating Rural Nonfarm Activities into Rural Development Policy and Poverty Reduction Strategies: Phase II*. Awarded \$49,900: 2007-2008.

Food and Agriculture Organization of the United Nations, Principal Investigator, *Incorporating Rural Nonfarm Activities into Rural Development Policy and Poverty Reduction Strategies*. Awarded \$148,590: 2006-2007.

Food and Agriculture Organization of the United Nations, Principal Investigator, *Public and Private Transfers and Rural Development*. Awarded \$50,000: 2005-2006.

Food and Agriculture Organization of the United Nations, Principal Investigator, *Incorporating Rural Nonfarm Activities into Rural Development Policy and Poverty Reduction Strategies*. Awarded \$33,000: 2005-2006.

Australian Centre for International Agricultural Research, Project team co-leader, *Contract farming, smallholders, and rural development in East Java and the Eastern Islands of Indonesia*. Awarded AU\$400,000: 2001-2003.

University of New England 2002 Research Support, Project team leader, *Micro-macro computable general equilibrium modeling for Indonesia*. Awarded AU\$9,000: 2002.

Faculty of Economics Business and Law 2001 Internal Research Grant, Project team leader, *Understanding smallholder maintenance of agricultural biodiversity*. Awarded AU\$2,080: 2001.

Australian Centre for International Agricultural Research, Project team leader, *Defining practical guidelines for evaluating long-term, smallholder, decision-making in developing countries*. Awarded: AU\$21,000: 2000-2001.

University of New England 2000 Research Support, Project team leader, *Evaluating Farmer Field Schools: Concepts and Methodology*. Awarded AU\$6,000: 2000.

Field and Survey Experience

Ecuador, Impact evaluation design, IDB Invest, 2023-24

Guatemala, Impact evaluation via phone surveys, IDB Invest, 2021-2022

Philippines, Impact evaluation (quant. and qual.) design/testing and enumerator training, IFAD, 2016-17

Kenya, Impact evaluation (quant. and qual.) design/testing for baseline and follow-up, CABI, 2013-17

Mexico, Survey design/testing, Inter-American Development Bank, 2011

Bolivia, Survey design/testing and enumerator training, Food and Agriculture Organization, 2007

Ecuador, Survey design/testing and enumerator training, Food and Agriculture Organization, 2007

Ethiopia, Survey design/testing and enumerator training, Food and Agriculture Organization, 2002

Indonesia, Survey design/testing, Australian Center for International Agricultural Research, 2001

Peru, Survey design/testing and enumerator training, World Bank, 1999

Peru, Survey design/testing and project evaluation, International Potato Center, 1997-1998

Ecuador, Project evaluation, CARE-Ecuador and International Potato Center, 1997

Pakistan, Informal interviews and survey design, International Irrigation Management Institute, 1995

POLICY AND PRACTICE

Participation in International Events

Invited Speaker. “Agricultural Innovation Mechanism for Scale.” Scaling Climate and Development Action – Lessons from SOFF and AIM4Scale (virtual), March 2025.

Closing remarks. “UNCCD COP16 Flagship and the Private Sector.” Arab Gulf Fund and UNCCD COP16, Riyadh, Saudi Arabia, December 2024.

Panelist. “Achieving Food Security in a Context of Droughts & Desertification in the Africa Middle East Region: The Key Role of Agricultural Innovation and Public-Private Partnerships.” CropLife and UNCCD COP16, Riyadh, Saudi Arabia, December 2024.

Invited Participant. “Creating a New Narrative for Agriculture in Latin America and the Caribbean.” Inter-American Institute for Cooperation on Agriculture and Columbia University, New York, September 2024.

Panelist. “Policy Dialogue: Scaling Evidence-based and Cost-effective Innovations in Africa: The Role of the Private Sector.” Science Summit 2024, Funding the UNCCD COP16 Flagship Initiative for Food Security and Sustainable Development, New York, September 2024.

Keynote Speaker. “Scaling Agricultural Innovations to Facilitate Food Systems Transformation.” Climate Innovation Day, St. Louis, Missouri, September 2024.

Panelist. “Forum Summary and Highlights.” Asia and the Pacific Food Security Forum, Manila, Philippines, April 2024.

Speaker. “Digitalization and Agriculture.” Asia and the Pacific Food Security Forum, Manila, Philippines, April 2024.

Panelist. “Maximize Gains from Climate-Food-Nature Nexus.” Asia and the Pacific Food Security Forum, Manila, Philippines, April 2024.

Invited Speaker and Panelist. “Agricultural Innovation for Food Security in the Context of Climate Change in LAC.” Inter-American Development Bank & IDB Invest Annual Meetings of the Board of Governors, Punta Cana, Dominican Republic, March 2024.

Panelist. “Farmers and Traditional Food Producers at the Heart of Food Systems Transformation.” COP28 Presidency event organized by the World Farmers Forum. Dubai, UAE, December 2023.

Moderator. “Innovations in Agroforestry.” COP28 IICA Pavilion. Dubai, UAE, December 2023.

Speaker. “Systems Finance for Climate-Smart Agriculture.” Milken Institute Middle East and Africa Summit. Abu Dhabi, UAE, December 2023

Speaker. “Climate-smart innovation for food systems transformation.” For World Business Council for Sustainable Development. Virtual. November, 2023

Speaker. “The Road to COP28: Agricultural Innovations to Address Climate Change and Food Security.” Keough School of Global Affairs, Notre Dame Policy Conversation. Washington DC, November 2023.

Speaker. “Introduction to the Innovation Commission.” For the Brazilian Ministry of Environment and Climate Change, COP30 leadership. Virtual. November, 2023

Speaker. “Unveiling the Future: Harnessing Policy Innovations for Food System Transformation.” A Virtual Side Event as part of the *Borlaug Dialogues*, organized by the Food System Economics Commission and the Keough School of Global Affairs at the University of Notre Dame. Virtual, October, 2023.

Speaker. “COP28 Food System Agenda: Innovation.” COP28 Reception at the UAE Embassy on World Food Day. Rome, Italy, October 2023.

Speaker. “COP28 Food System Agenda: Innovation pillar.” For the *Food Innovators Network of the World Economic Forum*. Virtual. October, 2023

Participant. Annenberg Foundation Trust sponsored retreat: *Dialogue on the Roadmap to Jointly Achieve Climate and Food Security and Nutrition Goals*. Buonconvento, Italy, October 2023

Speaker. “Innovation Commission and Innovation Priorities.” For the *COP28 Food Systems & Agriculture Innovation Agenda* hosted by the Agricultural Innovation Mechanism for Climate. Virtual. September, 2023

Panelist. “Climate-Smart Agriculture in the Americas Webinar.” Organization of American States meeting convened by the U.S. Department of Agriculture. Virtual. September, 2023.

Speaker. “A quest for meta-innovations: Breaking the scaling barrier for food systems transformation.” At the New York Climate week event *INNOV-EAT Expedition: Trailblazing, failing and setting sail: A quest for food systems innovations*. Columbia University, New York, September, 2023.

Speaker. “Introduction to the Innovation Commission.” Agricultural Innovation Mechanism for Climate Partnership Meeting. Virtual. August, 2023

Speaker. “Pillar 3: Innovation”. At event hosted by United Arab Emirates, *COP28 Food Systems Agenda Workshop*. Abu Dhabi, August 2023.

Speaker. “Inclusive Rural Transformation to Address Climate Change and Food Insecurity.” Series: Seeds for Food Security, Inter-American Development Bank, Washington DC, May 2023

Speaker. “Scaling Innovation for Climate Change, Food Security and Agriculture.” At event hosted by United Arab Emirates, *Kick-off Workshop, COP28: Food Systems Transformation Project Workshop*. Montreal, December, 2022.

Report presentation. *2019 Rural Development Report: Creating opportunities for rural youth*.

Peking University, Beijing, China November 2019.

GIZ (German Development Agency) Representation, Berlin, Germany. October 2019.

Swedish International Agricultural Network Initiative, Sweden. August 2019.

Food and Agriculture Organization, Rome, Italy. June 2019.

European Development Days, Brussels, Belgium. June 2019.

Special address. “Agricultural development and role of financial services to support achieving Sustainable Development Goals.” At the 6th World Congress on Agricultural and Rural Finance New Delhi, November 2019.

Speaker. “Building a resilient and carbon neutral world, leaving no one behind, with a focus on islands and least developed countries.” At the *Abu Dhabi Climate Meeting*, Abu Dhabi, UAE. July 2019.

Panelist. “What will it take to win the battle against Hunger?” At the *European Development Days, Addressing inequalities: Building a world which leaves no one behind*, Brussels, Belgium. June 2019.

Speaker. *International Day of Family Remittances: Supporting one billion people to reach their own SDGs*. New York. June 2019.

Moderator. *Unleashing the Entrepreneurial Power of Rural Youth to Improve Income and Food Security in Developing Countries*. At event hosted by House and Senate Hunger Caucuses, Washington DC. June 2019.

Speaker. “Perspectives from MDBs, Development Agencies, and Other Stakeholders.” At the *Dealing with Non-Traditional Stakeholders in Fragile and Conflict Situations Roundtable*, Washington DC. June 2019.

Power Stage Talk. “Investing in rural women.” **Panelist.** “Creating a Gender Equal World: The Transformative Power of Women’s Rights to Land.” **Moderator.** “The Real Groundbreakers: Women food producers transforming rural landscapes.” At the *Women Deliver 2019 Global Conference*, Vancouver, Canada. June 2019.

Panelist. “Plenary session on Strategic Commitments–Sowing and harvesting: the way forward.” At the *High-level event: Food and agriculture in times of crisis*, Brussels, Belgium. April 2019.

Co-convener. *Agricultural development for Global Food Security: What works and what doesn't? And how do we know?* Chatham House Rules Workshop at the American Enterprise Institute, Washington DC. March 2019.

Official Opening Speech and Panelist. “Public Policies and Agro-pastoral Youth Entrepreneurship in Africa.” At the *International Youth Agropastoral Entrepreneurship Summit*, Yaoundé, Cameroon. February 2019.

Advisory board meeting, *Ceres2030: Sustainable Solutions to End Hunger*, Bonn, Germany. December 2018.

Stakeholder participant. *Launch of the Global Commission on Climate Adaptation and Stakeholder Consultation*, The Hague and Rotterdam, Netherlands. October 2018.

Panelist. *Blended Finance for Smallholders: Addressing Global Challenges with SDG Focused Solutions*. At the side event 2018 Annual Meetings of IMF and World Bank Group, Bali, Indonesia. October 2018.

Speaker. *Inclusive Economic Growth: Reducing Poverty and Inequality*. At the side event 2018 Annual Meetings of IMF and World Bank Group, Bali, Indonesia. October 2018.

Panelist. “Innovations in Concessional Window Balance Sheets.” At the Center for Global Development event *Concessional Financing in a New Era: What Do Developing Countries Need, What Do Donors Want?*, Washington, DC. September 2018.

Panelist. “The future of work in the rural economy” and “Access to finance and markets for an effective, profitable and viable agro-entrepreneurship.” At the event *Youth Employment in Agriculture*, Kigali, Rwanda, August 2018.

Panelist. “Ministerial Roundtable on Zero Hunger.” At the *34th Session of the FAO Regional Conference for Asia and the Pacific*, Nadi, Fiji. April 2018.

Moderator. “High-Level Ministerial Panel: The role and contribution of South-South and Triangular Cooperation in the Sustainable Development Agenda.” At the *International Conference on South-South and Triangular Cooperation*, Brasilia, Brazil. November 2017.

Panelist. “Ending rural hunger: A stocktaking on World Food Day.” At the Brookings Institution, Washington, DC. October 2017.

Speaker. “Building a Development Effectiveness Framework to Measure Corporate Impact.” At a special session of the *Modernizing Foreign Assistance Network's Accountability and Country Ownership Working Group*, Washington DC. June 2017.

Presentation. “Enabling inclusive and sustainable rural transformation: The International Fund for Agricultural Development’s Strategic Approach to supporting the 2030 Agenda.” At United Nations Headquarters, New York. May 2017.

Presenter/Panelist. “Building Capacities and Mobilizing Resources for Infrastructure, Industrialisation and Innovation.” At the Special Meeting of the Economic and Social Council (ECOSOC) on *Innovations for Infrastructure Development and Promoting Sustainable Industrialization*, May 31, 2017, New York.

Advocate. Charter Session II “Innovation and Digital Opportunities.” At the high-level G20 conference *ONE World No Hunger. Future of the Rural World*, Berlin, Germany. April 2017.

Discussant. At the event *Opportunities and challenges towards achieving SDG1 and SDG2: Experiences from China, Kenya and Chile*, Rome, Italy. April 2017.

Presentation. “Looking Ahead: IFAD’s Strategy for Contributing to the 2030 Agenda.” At *Korea’s Global ODA Forum for Sustainable Agricultural Development*, Seoul, Korea. April 2017.

Report presentations. “IFAD Rural Development Report 2016, Fostering Inclusive Transformation: Key Findings.”
Italian Ministry of Foreign Affairs and International Cooperation, Rome, Italy. September 2016.
Irish Forum for International Agricultural Development, Dublin, Ireland. October 13, 2016.
Ministry of Agriculture, New Delhi, India. October 2016.
Center for Global Development, Washington DC. November 2016.
Warwick University, London, United Kingdom. December 2016.
Swedish International Development Agency, Stockholm, Sweden. December 2016.
University of Pretoria, Pretoria, South Africa. March 2017.

Panelist. “Why is accountability to affected populations important for the right to adequate food of the people most affected by food insecurity and malnutrition, and how does it operate in practice?” At the conference *Right to Adequate Food: Promoting accountability of food security actions to the people most affected by food insecurity and malnutrition*, Rome, Italy. January 2017.

Panelist. “How to improve research impact? The funders’ point of view.” At the workshop *Assessing the socio-economic impacts of Agricultural Research in Europe and developing countries*, Brussels, Belgium. November 2016.

Presentation. “Challenges to impact evaluation, solutions for IFAD.” At the conference *Impact evaluation of policies and projects for agricultural and rural development*, Milan, Italy. August 2015.

Panelist. “How to better integrate PtoP into FAO activities (a look inward).” At the *Workshop on the Protection to Production project*, Rome, Italy. September 2013.

Panelist. “Leveraging Academic Research” and “Crafting a Research Agenda: Investing in Agriculture.” At the *Metrics from the Ground Up Conference, Aspen Network of Development Entrepreneurs*, Washington, DC. June 2013.

Presentation. “Supporting smallholder agriculture.” Presentation to a delegation from the *Government of the Philippines, Department of Agrarian Reform and Department of Agriculture*, Washington, DC. June 2011.

Discussant. “Research plans for 2014/2015.” At the *From Protection to Production Team Workshop*, Rome, Italy. October 2010.

Presentation. “Keeping an Active Brain.” At the division retreat for the *Office of Strategic Planning and Development Effectiveness*, Inter-American Development Bank, St Michaels, Maryland. June 2010.

Presentation. “Evaluating the impact of PROCAMPO.” Proposal presented at the *Secretary of Agriculture, Livestock and Fisheries*, Mexico City, Mexico. May 2009.

Presentation. “CAFTA and the Rural Economies of Central America.” At the Inter-American Development Bank’s *Management Committee of the Region for Mexico, Central American and Hispaniola*, Washington DC. November 2004.

Corporate Publications

Boamah, Charles, Kyle Peters and **Paul Winters** (2022). “A Medium and Long-Term Vision for Development Finance in IFAD.” Paper prepared for the Office of the President and Vice-President, International Fund for Agricultural Development.

IFAD, lead author. (2020) *Deepening Impact and Building Resilience through Mainstreaming*. Paper prepared for IFAD's Twelfth Replenishment. Rome, Italy: International Fund for Agricultural Development.

IFAD, lead author. (2020) *Strategic Directions*. Paper prepared for IFAD's Twelfth Replenishment. Rome, Italy: International Fund for Agricultural Development.

IFAD, co-lead author with Constanza Di Nucci. (2019) *IFAD 2.0*. Paper written in anticipation of IFAD's Twelfth Replenishment. Rome, Italy: International Fund for Agricultural Development.

IFAD, co-lead author with Sara Savastano and Alessandra Garbero. (2019) *IFAD10 Impact Assessment Report*. Rome, Italy: International Fund for Agricultural Development.

IFAD, lead author. (2017) *Looking Ahead: IFAD in the Context of the 2030 Agenda for Sustainable Development*. Paper prepared for the IFAD's Eleventh Replenishment. Rome, Italy: International Fund for Agricultural Development.

IFAD, co-lead author with Lisandro Martin. (2016) *Development Effectiveness Framework*. Rome, Italy: International Fund for Agricultural Development.

IFAD, lead author and contributor. (2016) *IFAD10 Midterm Review*. Rome, Italy: International Fund for Agricultural Development.

IFAD, co-lead author with Alessandra Garbero. (2016) *Synthesis of lessons learned from the IFAD9 Impact Assessment Initiative*. Rome, Italy: International Fund for Agricultural Development.

IFAD, leader and contributor. (2015) *IFAD Strategic Framework 2016-2025*. Rome, Italy: International Fund for Agricultural Development.

IDB, author. Mario González, Alessandro Maffioli, Lina Salazar and **Paul Winters**. (2010). *Assessing the Effectiveness of Agricultural Interventions: Development Effectiveness Overview 2008-2009 Special Topic*. Washington, DC: Inter-American Development Bank.

Policy Papers, Guidelines and Reports

Paul Winters (2024). "Climate-friendly beef? Argentina's new 'carbon-neutral' certification could help reduce livestock emissions – if it's done right." *The Conversation*, March 13, 2024. <https://theconversation.com/climate-friendly-beef-argentinas-new-carbon-neutral-certification-could-help-reduce-livestock-emissions-if-its-done-right-225347>

Paul Winters (2023). "7 food and agriculture innovations needed to protect the climate and feed a rapidly growing world." *The Conversation*, December 2, 2023. <https://theconversation.com/7-food-and-agriculture-innovations-needed-to-protect-the-climate-and-feed-a-rapidly-growing-world-218414>

David Tshirley (external lead), Aslihan Arslan (internal co-lead), Constanza di Nucci (internal co-lead) and **Paul Winters** (overall lead) (2019). *2019 Rural Development Report Creating opportunities for rural youth*. Rome, Italy: International Fund for Agricultural Development.

Asfaw, Solomon, Katia Covarrubias, Benjamin Davis, Josh Dewbre, Habbiba Djebbari, Alessandro Romeo and **Paul Winters**. (2012). "Analytical framework for evaluating the productive impact of cash transfer programmes on household behavior: Methodological guidelines for the From Protection to Production Project." London, UK: Department for International Development.

Mejia, Francisco and **Paul Winters**. (2012). "Guidelines for the Economic Analysis of IDB-funded Projects." Washington, DC: Inter-American Development Bank.

McCarthy, Nancy, **Paul Winters**, Ana Maria Linares and Timothy Essam. (2012). "Indicators to Assess the Effectiveness of Climate Change Projects." *Impact Evaluation Guidelines, IDB Technical Notes No. IDB-TN-398*. Washington, DC: Inter-American Development Bank.

Winters, Paul and Carola Alvarez. (2012). "The Development Checklist Manifesto: How to Get Development Projects Right." Manuscript for the Office of Strategic Planning and Development Effectiveness. Washington, DC: Inter-American Development Bank.

Winters, Paul, Lina Salazar and Alessandro Maffioli. (2010). "Designing Impact Evaluations for Agricultural Projects." *Impact Evaluation Guidelines, IDB Technical Notes No. IDB-TN-198*. Washington, DC: Inter-American Development Bank.

Winters, Paul and Susana Sitja Rubio. (2010). "Evaluating the Impact of Regional Development Programs." *Impact Evaluation Guidelines, IDB Technical Notes No. IDB-TN-157*. Washington, DC: Inter-American Development Bank.

Davis, Benjamin, **Paul Winters**, Gero Carletto, Katia Covarrubias, Esteban Quinones, Alberto Zezza, Kostas Stamoulis, Genny Bonomi and Stefania DiGiuseppe. (2007). "Rural Income Generating Activities: A Cross Country Comparison." Background Paper for the *World Development Report 2008*. Washington, DC: World Bank.

Zezza, Alberto, **Paul Winters**, Benjamin Davis, Gero Carletto, Katia Covarrubias, Esteban Quinones, Kostas Stamoulis, Takis Karfakis, Luca Tasciotti, Stefania DiGiuseppe and Genny Bonomi. (2007). "Rural Household Access to Assets and Agrarian Institutions: A Cross Country Comparison." Background Paper for the *World Development Report 2008*. Washington, DC: World Bank.

Todd, Jessica, **Paul Winters** and Diego Arias. (2004). "CAFTA and the Rural Economies of Central America: A Conceptual Framework for Policy and Program Recommendations." *RE2-04-016 Economic and Sector Study Series*. Washington DC: Inter-American Development Bank.

Winters, Paul, Brian Hardaker and Ian Patrick. (2001). "Defining practical guidelines for evaluating long-term, smallholder, decision-making in developing countries." Report submitted to the *Australian Centre for International Agricultural Research*.

TEACHING

Training

Graduate Certificate in Higher Education, University of New England, 2001

One-year course of study for certification in teaching at the higher education level.

Action Research Project: Designed a course of study for development economics.

Teaching Grants

University Curriculum Development Award AY 2006-07, American University "Economics 523 and 524: A New Sequence in Applied Econometrics at the Masters Level, With an Associated One-Credit Course in STATA Statistical Software," with Maria Heracleous and Tom Hertz, \$5,000, 2006-2007.

Teaching Development Grants 1999, University of New England, "Grant to enhance teaching in units offered in economic development," AU\$8,000, 1999-2000.

Experience

University of Notre Dame, Keough School of Global Affairs, Notre Dame, Indiana, 2020-present

KSGA 30001: International Economics, Spring 2021

MGA 60201: Foundations of Sustainable Development, Spring 2021, Fall 2021, Fall 2022

MGA 60745: Policy Lab: Designing Programs to End Hunger, Fall 2020

IDBInvest, Washington, DC, Summer 2024

Co-designed and taught a three-day course on impact measurement and evaluation to staff in the IDBInvest Development Effectiveness Division.

American University, Department of Economics, Washington, DC, 2004-2015

ECON 100: Macroeconomics, Spring 2005, Fall 2005

ECON 110: The Global Majority, Fall 2008, Spring 2009

ECON 322: Introduction to Econometrics, Fall 2013 (two sections)

ECON 362: Microeconomics of Economic Development, Fall 2007, Fall 2008, Fall 2009, Spring 2013

ECON 311/370: International Economics, Fall 2004, Fall 2006

ECON 480: Senior Research Seminar, Fall 2012

ECON 579: Environmental Economics, Fall 2007, Fall 2009 (two sections), Fall 2011

ECON 662: Development Microeconomics, Fall 2004, Fall 2005, Fall 2011, Fall 2012

ECON 665: Project Evaluation in Developing Countries, Spring 2005, Spring 2006, Fall 2006, Spring 2008, Spring 2009, Spring 2010, Fall 2011, Spring 2013, Spring 2014

ECON 696: Stata for Economists, Fall 2006

ECON 788: Seminar in Economic Development, Spring 2008, Spring 2012, Spring 2014

ECON 897: Doctoral Dissertation Seminar, Fall 2014, Spring 2015

Inter-American Development Bank, Washington, DC, 2009-2015

Assisted in designing and teaching a series of courses on impact evaluation to IDB operational divisions.

Universidad Javeriana, Department of Economics, Bogota, Colombia, June 2012

Instructor for a two-week intensive course on impact evaluation.

Food and Agriculture Organization, Rome, Italy, 2011-2012

Instructor for online courses (Oct 2011, May 2012, December 2012) and a face-to-face course (June 2012) on designing impact assessments.

University of Connecticut, Storrs, Connecticut, October 2011

Taught two days of sessions in a week-long course on Aid Effectiveness to staff from the External Resources Division of the Kenyan Ministry of Finance.

University of New England, School of Economics, Armidale, Australia

ECON 102: Introductory Macroeconomics, Second semester 2000, 2001, Summer 2002

ECON 314/414: Economic Development, First semester 1999, 2000, 2001, Second semester 2002

ARE 422: Rural and Resource Policies in Developing Countries, Second semester 1999, 2000

ECON 437/537: Policy Issues in Developing Countries, Second semester 1999, 2000, 2001

ARE 230/330: Benefit-Cost Analysis, First semester 1999

Food and Agricultural Organization of the United Nations, Agriculture in Economic Development Analysis Division, Rome, Italy, March 1996

Taught course on the use of social accounting matrices and computable general equilibrium models.

STUDENT SUPERVISION

University of Notre Dame

MGA. thesis supervision

Binh Le, "Parental planning and children's educational outcomes." Spring 2023.

Directed readings

Max Hammond, *Fragility in the Pacific*, Spring 2022.

Sebastian Bascom, *Farmers organizations for development*, Spring 2022.

Kellogg International Scholars Program

Lauren Dungan, Fall 2022-Fall 2024.

Thomas Kavanagh, Fall 2024-Spring 2025.

American University

Ph.D. thesis supervision—Chair

Ervin Dervisevic, "Networks and Externalities." Completed Fall 2016.

Maja Schling, "Education and Development." Completed Spring 2016.

Paul Corral, "Agriculture and African Development." Completed Spring 2016.

Smriti Tiwari "Three essays in Migration." Completed Summer 2015.

Angel Bogushev, "Essays on Bulgarian Development." Completed Fall 2014.

Vanya Slavchevska "Gender and Agriculture in Tanzania." Completed Summer 2014.

Kevin McGee, "Health and Development." Completed Spring 2014.

Mario Gonzalez-Flores "Three Essays in Development." Completed Spring 2014.

Wendy Karamba "Fertilizer Subsidy in Malawi." Completed Summer 2013.

Heath Henderson "Smallholders in Nicaragua." Completed Summer 2012.

Minh Nguyen, "Three Essays in Development Economics: The Case of Vietnam." Completed Spring 2010.

Lina Salazar, "Three Essays on Agricultural Development." Completed Spring 2010.

Ainsley Charles, "Evaluation of Rural Roads Investment in Trinidad and Tobago." Completed Spring 2010.

Alejandra Obando, "Access to Knowledge and Returns to Human Capital: The Way Out of Poverty? A Costa Rican Case Study." Completed Fall 2009.

Juna Miluka, "Albanian Gender Issues." Completed Fall 2008.
Kebede Fedu, "Schooling in Ethiopia." Completed Summer 2008.
Talip Kilic, "Albanian Schooling." Completed Spring 2008.
Jessica Todd, "Conditional Cash Transfer Programs." Completed Summer 2007.
Gbemisola Oseni, "Rural Income Generating Activities in Nigeria." Completed Spring 2007.

Ph.D. thesis supervision—Committee Member

Jorge Munoz, "Three Empirical Essays in Development Economics." Completed Spring 2019.
Phanwin Yokying, "Gender Issues in Development." Completed Summer 2018.
Jambal Ganbaatar, "Poverty Issues." Completed Summer 2018.
Kentaro Muryama, "Essays on Food Markets in Africa." Completed Summer 2017.
Laurent Risler, "Evaluating the Impact of Inflation Targeting in Developing Countries." Completed Spring 2016.
Nicholas Smith, "Impact of Microfinance in Uganda." Completed Spring 2015.
Susan Reilly, "U.S. social issues." Completed Spring 2013.
Daouda Sembene, "Institutions and Poverty." Completed Summer 2011.
Hitomi Komatsu, "Gender Issues in Japan." Completed Spring 2011.
Romina Cavatassi, Wageningen University, Netherlands "Facilitating the entry of smallholders into the new agricultural economy conserving the natural resource base: a case study from the Andes." Completed Fall 2010.
Pooja Kacker, "Productivity dynamics." Completed Spring 2009.
Nicole Smith, "Intergenerational Education Mobility: Three Essays on Measurement Error, Cross-Country Differences in Mobility and Long-run Growth." Completed Summer 2008.
Deborah Vazarani, School of Public Health, John Hopkins University, "The influence of women's status on maternal and child health services utilization in a poverty reduction program (RPS) in Nicaragua." Completed Spring 2007.

Masters-degree students (School of International Studies), supervision of Substantial Research Papers

Lauren Berner, "Evaluating the Impact of the Rwanda Genocide." Spring 2015
Martha Viveros, "Evaluation of Social Programs in Colombia." Fall 2013.
Jane Lole, "Evaluating Farmer Field Schools." Spring 2013.
Ana Veronica Lopez, "Safety Nets in The Bolivian Amazon." Fall 2012.
Jessica Pace, "Gender, Economics and Equity." Spring 2012.
Silvia Gomez, "Higher Education in Colombia." Spring 2012.
Celeste Visser, "Measuring Youth Engagement." Spring 2012.
Amarachi Utah, "Gender and Agriculture: Nigeria" Spring 2012.
Joshua Brubaker, "Cash Transfer Effect in Kenya." Spring 2012.
Elizabeth Cross, "Livestock Ownership and Nutrition." Spring 2012.
Edward Whitney, "Targeting of the Fertilizer Subsidy in Malawi." Spring 2012.
Terri Bales, "Improving Program Evaluation of Social Marketing and Health Communication Interventions." Fall 2010.
Heiwote Abera, "HIV/Aids in Lesotho." Fall 2009.
Adebimpe Adekanmbi, "Teacher Quality in Gambia." Fall 2008.
Kalinda Glenn-Haley, "Seed Security and Seed Systems: An Investigation of West Hararghe, Ethiopia in the Context of Seed Security in Sub-Saharan Africa." Spring 2008.
Douglas Kandt, "Rural Labor in Nigeria." Spring 2008.
Melissa Klink, "Seed Relief and Farmer Welfare: An Evaluation in Ethiopia." Spring 2008.
Ah Leum Lee, "Migrant Characteristics in Burkina Faso." Spring 2008.
Michelle Perez, "Transactions Costs in Potato Production in Bolivia." Spring 2008.
Elizabeth Bryan, "Gender impacts of anti-poverty transfers in Bangladesh." Spring 2007.
Roy Geiser, "Remittances and Schooling Outcomes in the Dominican Republic." Spring 2007.
Mario Gonzalez, "Procampo and staple production in Mexico." Spring 2007.

Christopher Root, "Impact evaluation of agricultural value chain interventions." Spring 2007.
Claudia Rodriguez, "Assessing the targeting of remittances in El Salvador." Spring 2007.
Siou Chew Kuek, "Do you want a drink? Examining the Role of Social Capital in Determining Intrahousehold Allocation in South Africa." Fall 2006.
Ingrid Rasmussen, "Factors Influencing Rural Non-Farm Employment in Bulgaria." Fall 2006.
Angeli Kirk, "Impact of PRAF on female and child time use." Spring 2006.
Helen Markelova, "Impact of RPS on household expenditures." Spring 2006.
Esteban Quinones, "Heterogeneity of impacts of Oportunidades." Spring 2006.
Megan Gash, "Impact of Microfinance in Tanzania." Spring 2006.
Tim Essam, "Evaluation of PROCAMPO," Spring 2005.
Katia Covarrubias, "Labor Markets, Land Ownership and Poverty in Rural Panama." Spring 2005.
Noora-Lisa Aberman, "The Impact of Remittances on School Enrollment: Evidence from Nicaragua." Spring 2005.

Graduate students, supervision of internships

Elizabeth Cross, "Livestock in Uganda." Spring 2012.
Cleophelia Roberts, "The Effect of Tourism on Poverty." Fall 2009.
Lina Salazar, "Project Evaluation." Summer 2009.
Ah Leum Lee, "Project design." Summer 2008.
Heath Henderson, "FINCA International." Summer 2008.
Michelle Perez, "Fiscal Transparency." Summer 2007.
Teresa Bales, "Metrics and Impact Measurement." Spring 2007.
Ingrid Rasmussen, "Central Eastern Europe Research Analysis." Fall 2006.
Elizabeth Bryan, "Project Evaluation for Latin America." Summer 2006.
Penelope Williams, "World Bank/IMF Directorship Advisory." Summer 2006.
Claudia Rodriguez-Alas, "Migration and Human Development." Summer 2006.
Carla Paredes-Drouet, "Center for Economic Policy Research." Summer 2006.
Kenneth Ambrose, "Project Evaluation: Operation Frontline." Summer 2006.
Angeli Kirk, "Project Evaluation in Haiti." Summer 2005.
Megan Gash, "Field Supervisor-Tanzania." Spring 2006.
Helen Markelova, "Advanced Project Evaluation with World Bank." Spring 2006.

Graduate students, supervision of independent studies

Jane Burke, "The Impact of Water Bores in Kenya." Spring 2015
Chiamaka Nwosu, "The Association of Child Mortality." Fall 2013.
Maja Schling, "Applied Impact Evaluation." Fall 2013.
Mario Gonzalez, "Poverty Dynamics and Analysis." Spring 2013.
Jambal Ganbaatar, "Poverty Vulnerability Analysis." Spring 2013.
Mario Gonzalez, "Targeting Methods." Fall 2012.
Amarachi Utah, "West African Gender Dynamics." Spring 2012.
Marcelo Paiva, "River Cleanup Project." Spring 2012.
Julia Kennedy, "Evaluation of Charcoal Ban in Chad." Fall 2010.
Heath Henderson, "Structural Transformation of Nicaraguan Agriculture." Fall 2010.
Heath Henderson, "Productivity Analysis." Spring 2010.
Arum Lee, "Education in Central America." Fall 2008.
Alice Wuermli, "Applied Econometric Analysis." Fall 2008.
Angel Bogushev, "Household Savings in Bulgaria." Fall 2007.
Alejandra Obando, "Analysis of Economic Data." Fall 2006.
Angeli Kirk, "Advanced Impact Evaluation." Spring 2006.

Undergraduate students, supervision of capstone projects and independent studies

Jared Hutchins, "Tourism for Poverty Alleviation." Spring 2013
Margaret Fowler, "Impact Evaluation of Agriculture." Spring 2012.
Ryan Crain, "Intellectual Property Rights and China." Spring 2006.
Katie Baldwin, "Nicaraguan Dairy: A Case Study on the Potential Effects of Free Trade Under CAFTA." Fall 2005.

Alternative Break Credits

Spring Break 2009, *Mexico: Pathways out of Poverty*. Supervised independent studies for seven students.

Inter-American Development Bank

Graduate students, supervision of internships

Jessica Todd, PhD student, American University, "CAFTA and the Rural Economy." Spring 2004.
James Manley, PhD student, University of California, "Evaluating rural non-farm activities in Nicaragua." Summer 2003.

University of New England

Ph.D. thesis supervision

Noor Abdul Karim, "Determinants of Foreign Direct Investment in Malaysia." 2000-2002.
Graham Marshall (co-supervisor), "Informal Cooperation in the Commons? Evidence from a Survey of Australian Farmers Facing Irrigation Salinity." Completed 2001.
Ian Patrick, "Rent-Seeking, Transaction Costs and Foreign Aid." Completed 2000.
Arief Daryanto, "Growth and Change in the Indonesian Economy: The Role of the Agricultural Sector." Completed 2000.

Masters of Economics dissertation supervision

Renuka Ganegodage (co-supervisor), "Economic Growth in Sri Lanka." Completed 2001.
Russell Miles, "An Analysis of Selected Economic and Policy Tools to Reverse Deforestation in Vietnam." Completed 2001.
Maria Rhoda del Rosario, "Rural Poverty, Agrarian Reform and Agricultural Performance in the Philippines." Completed 2000.
Miire Awira, "Fostering Domestic Resource Mobilisation in Kiribati." Completed 2000.
Thu Huong Le, "Aid Policies and Poverty Alleviation: The Case of Vietnam." Completed 1999.

Undergraduate dissertation supervision

Angus Christian (co-supervisor), "Evaluating a Demand-Supply System for Potatoes in Northern Peru." Completed 2001.
Scott Megahey, "Varietal Use among Smallholders in Northern Peru." Completed 2001.
Nacanieli Waka, "An Economic Analysis of Small-Scale Farming in Fiji." Completed 1999.

UNIVERSITY SERVICE AND PROFESSIONAL ACTIVITIES

University of Notre Dame

Member, Dean's Cabinet, Keough School, 2023-2025
Member, Graduate School's Leadership Council, 2023-2025
Member, Provost's Department Chairs Advisory Group, 2023-2025
Member and Keough School representative, University Committee on Research and Sponsored Programs, 2020-2025
Mentor, Professor Alejandro Estefan, Fall 2021-present
Member, MGA Leadership Team, Keough School, 2021-2025
Chair and Member, Committee for Keough School PhD in Sustainable Development, 2023-2024
Member, NDR RSP Regular Review, Fall 2023, 2024
Member, Keough School Development Policy Professor Search Committee, 2023-2024.

Member, Full Professor Promotion Review, Keough School, Fall 2021, Fall 2022, Fall 2023
Director for the Sustainable Development MGA Concentration, Keough School of Global Affairs, 2021-2022
Member, Third-year Faculty Review, Keough School, Fall 2022
Co-chair, Keough School Global Health Economist Search Committee, 2020-2022
Member, MGA Admission Core Committee, Spring 2021, Spring 2023
Member, Keough School Undergraduate Curriculum Committee, 2020-2021
Member, Keough School MGA Curriculum Committee, 2020-2021

External

Member, Friends of Alternative Proteins organized by the *Good Earth Institute*, 2024-present
Member, High-Level Advisory Group on Mainstreaming Scaling organized by the *Scaling Community of Practice*, 2024-present
Member, Hesat2030 Advisory Board, 2023-present
Technical advisor, United Arab Emirates COP28 Food Systems Team, 2022-2024
Technical Advisor, IFAD Office of the President and Vice President, Reforms to IFAD Technical and Development Effectiveness Approaches, 2023-2024
Member, Food Systems Economics Commission, Eat Forum-FOLU-PIK, <https://foodsystemeconomics.org/>, 2020-2024
Chair, Innovation Pillar Scientific Working Group, COP28 Food System Initiative, 2023.
Member, External Academic Review Committee of the Buffett Institute for Global Affairs, Northwestern University, 2023.
Member, CERES2030 Advisory Board, <https://ceres2030.org/advisory-board/>, 2018-2020

American University

PhD Program Coordinator, AU Department of Economics, 2014-2015
Member, *Department of Economics Personnel Committee*, 2007-2008, 2012-2013, 2013-2014, 2014-2015
Liaison, *Development Economics Group and International Development Program (SIS)*, 2005-2015
Member, *Development Economics Group*, AU Department of Economics, 2004-2015
Member, *Gender Working Group*, AU Department of Economics, 2008-2015
Member, *Washington Semester Program/Mentorship Program Personnel Committee*, 2011- 2013
Member, *Faculty Research Support Grant Ad Hoc Review Committee* 2013-2014, Spring 2012
Member, *School of International Service Personnel Committee*, 2012-2013
Co-organizer, *Department of Economics Seminar Series*, 2011-2012
Member, *Merit Pay Committee*, AU Department of Economics, 2005-2006, 2011-2012
Member, *Alternative Break Committee*, AU Community Service Office, 2006-2010
Member, *Budget Advisory Committee*, College of Arts and Sciences, 2007-2009
Editor, *Department of Economics Working Paper Series*, AU Department of Economics, 2004-2008
Faculty Supervisor, *Alternative Break US-Mexico Border*, AU Community Service Office, Spring 2006
Chair, *MA Sub-Committee of the Strategic Planning Committee*, AU Department of Economics, 2005-2006
Member, *Strategic Planning Committee*, AU Department of Economics, 2005-2006

University of New England

Associate Editor, *Australian Journal of Agricultural and Resource Economics*, 2001-2004
Master's Award Panel, *Australian Agricultural and Resource Economics Society*, 2001-2002
Library Liaison Officer, *Agricultural and Resource Economics Division*, *UNE School of Economics*, 1999-2002
Library Committee, *UNE School of Economics*, 1999-2002
Editor, *UNE School of Economics Working Papers in Agricultural and Resource Economics, Economics, Economic History, and Econometrics and Applied Statistics*, 1999-2002
Editor, *Centre for Efficiency and Productivity Analysis (CEPA) Working Papers*, *UNE School of Economics*, 2000-2002

Paul C. Winters, page 27

Web design, UNE School of Economics web page, 1999-2001

Fellow, Senior Common Room, Mary White College, University of New England, 2001