
Michael R. Carter

Department of Agricultural & Resource Economics

University of California, Davis

I. Contact Information

<i>University Address</i>	<i>Home Address</i>
One Shields Avenue	44785 Garden Court
Davis, CA 95616	El Macero, CA 95618
Telephone: +1.530.752.4672	
Fax: +1.530.752.5614	
Email: mrcarter@ucdavis.edu	
http://mrcarter.ucdavis.edu	

II. Education

Ph.D., Economics, University of Wisconsin-Madison, 1982

Dissertation: Property Relations and the Generation of Inequality

Major Field: Development Economics

Minor Field: Econometrics and Labor Economics

Third Field: Political Economy

M.A., Economics, University of Wisconsin-Madison, 1979

B.S.F.S., Georgetown University, 1977

III. Professional Experience

2017-present, Honorary Professor, Department of Economics, University of Cape Town

2009-present, Distinguished Professor & Professor of Ag & Resource Economics, University of California-Davis

1998 Visiting Professor, School of Development Studies, University of KwaZulu-Natal, South Africa

1991 Visiting Professor, CIEPLAN, Santiago, Chile

1984-2009 Assistant, Associate and Full Professor of Ag & Applied Economics, University of Wisconsin-Madison

1982-1984 Instructor and Assistant Professor of Economics, Georgetown University

1981 Visiting Researcher, Centro de Investigaciones, Universidad del Pacifico, Lima, Peru

IV. Publications

A. Journal Articles

- Benami**, E. and M.R. Carter (forthcoming). “Can Digital Technologies Reshape Rural Micronance? Implications for Savings, Credit, & Insurance,” *Applied Economics Perspectives and Policy*.
- Benami**, E., Z. Jin, M.R. Carter, A. Ghosh, R.J. Hijmans, A. Hobbs, B. Kenduiywo and D. Lobell (forthcoming). “Uniting Advances in Remote Sensing: Crop Modeling & Economics for Agricultural Risk Management,” *Nature Reviews: Earth & Environment*.
- Janzen**, Sarah, Michael R Carter and Munenobu Ikegami (forthcoming). “Asset Insurance Markets and Chronic Poverty,” *Journal of Risk and Insurance*.
- Carter**, M.R., Rachid Laajaj and Dean Yang (forthcoming). “Temporary Subsidies and Green Revolution Technology Adoption by Farmers and Their Social Networks,” *American Economic Journal: Applied Economics*.
- Barrett**, Christopher and M.R. Carter (2020). “Finding our balance? Revisiting the randomization revolution in development economics ten years further on,” *World Development*.
- Serflippi**, Elena, M.R. Carter and C. Guirkingner (2019). “Insurance Contracts when Farmers “Greatly Value” Certainty,” *Journal of Economic Behavior and Organization*.
- Flatnes**, Jon Einar and M.R. Carter (2019). “A little skin in the microfinance game: Reducing moral hazard in joint liability group lending through a mandatory collateral requirement,” *Journal of Economic Behavior and Organization*.
- Jensen**, N. , A. Mude, A. Vrieling, C. Atzberger, F., M. R. Carter, M. Meroni and Q. Stoeffler (2019). “Does the design matter? Comparing satellite-based indices for insuring pastoralists against drought,” *Ecological Economics*.
- Carter**, M.R. and P. Toledo and E. Tjernström (2019). “Heterogeneous Impact Dynamics of a Rural Business Development Program in Nicaragua,” *Journal of Development Economics*.
- Moya**, A. and M.R. Carter (2019). “Violence and the Formation of Hopelessness in Colombia,” *World Development* 113:100-115.
- Janzen**, S. and M.R. Carter (2019). “After the Drought: The Impact of Microinsurance on Consumption Smoothing and Asset Protection,” *American Journal of Agricultural Economics*.
- Carter**, M.R. and Sarah Janzen (2017). “Social Protection in the Face of Climate Change: Targeting Principles and Financing Mechanisms,” *Environment and Development Economics*.

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- Morrow**, J. and M.R. Carter (2017). "Learning about the Prospects for Mobility: Economic and Political Dynamics following Fundamental Policy Reform," *Journal of Public Economics* 155: 38-53.
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- Carter**, Michael R. (2016). "What Farmers Want: The "Gustibus Multiplier" and other Behavioral Economic Insights on Agricultural Technology Adoption and Investment," *Agricultural Economics* 47:85-96.
- Castillo**, M.J., S.R. Boucher and M.R. Carter (2016). "Index Insurance: Using Public Data to Benefit Small-Scale Agriculture," *International Food and Agribusiness Management Review*, Special Issue 19a: 93-114.
- Carter**, Michael R., Lan Cheng and Alexander Sarris (2016). "Where and How Index Insurance Can Boost the Adoption of Improved Agricultural Technologies," *Journal of Development Economics* 118:59-71.
- Elabed**, G. and M.R. Carter (2015). "Compound Risk Aversion, Ambiguity and the Willingness to Pay for Microinsurance," *Journal of Economic Behavior and Organization* 118:150-166.
- Carter**, Michael R., Alain de Janvry, Elisabeth Sadoulet and Alexander Sarris (2015) "Assurance climatique indicielle pour les pays en développement," *Revue d'Économie du Développement*, no. 1. (Available in English as "Index-based Weather Insurance for Developing Countries: A Review of Evidence and Propositions for Scaling-up," *FERDI Working Paper no. 112*.)
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- Carter**, Michael “Economics of Price Scissors: Comment,” *American Economic Review* December, 1986.
- Carter**, Michael “A Wisconsin Institutional Perspective on Microeconomic Theory of Institutions: The Insufficiency of Pareto Efficiency,” *Journal of Economic Issues* September, 1985.
- Carter**, Michael “Revisionist Lessons from the Peruvian Experience with Cooperative Agricultural Production,” *Advances in the Economic Analysis of Participatory and Labor Managed Firms* 1 1985. Also published as Enseñanzas revisionistas de la experiencia peruana en la producción agrícola cooperativista. *Apuntes* 15, 1985 (Lima).
- Carter**, Michael “Resource Allocation and Use under Collective Rights and Labor Management in Peruvian Coastal Agriculture,” *Economic Journal* December, 1984.

Carter, Michael "Identification of the Inverse Relationship between Farm Size and Productivity," *Oxford Economic Papers* March, 1984.

B. Books

Barrett, C.B. M.R. Carter and J.-P. Chavas (editors) *The Economics of Poverty Traps* (University of Chicago Press & NBER), forthcoming.

Barrett, C., M.R. Carter and P.D. Little (editors), *Understanding and Reducing Persistent Poverty in Africa* (Routledge), 2008.

Carter, Michael, Fred Zimmerman and Jeffery Cason (editors) *Development at a Crossroads: Uncertain Paths to Sustainability after the Neo-Liberal Revolution* (Madison, WI: Global Studies Research Program), 1998.

Carter, Michael and Luis Galeano. *Campesino, Tierra y Mercado* (Asunción: CEPES), 1995.

C. Chapters in Books

Carter, M.R. and A. Michuda (2019). "The Distribution of Productive Assets and the Economics of Rural Development and Poverty Reduction" in M. Niskanen and J. Ocampo eds., *The Palgrave Handbook of Development Economics* (Springer).

Ikegami, M. M.R. Carter, C.B. Barrett, and S. Janzen (2019). "Poverty Traps and the Social Protection Paradox," in C. Barrett, M.R. Carter and J.-P. Chavas (eds) *The Economics of Poverty Traps* (University of Chicago Press & NBER).

Barrett, C.B., M.R. Carter and J.-P. Chavas (2019). "The Economics of Poverty Traps," in C. Barrett, M.R. Carter and J.-P. Chavas (eds) *The Economics of Poverty Traps* (University of Chicago Press & NBER).

Carter, Michael R., Sarah Janzen and Quentin Stoeffler (2017). "Can Insurance Help Manage Climate Risk and Food Insecurity? Evidence from the Pastoral Regions of East Africa," L. Lipper, N. McCarthy, D. Zilberman, S. Asfaw, G. Branca, editors. *Climate Smart Agriculture - Building Resilience to Climate Change*. (Springer).

Lybbert, Travis and Michael R Carter (2015). "Bundling Drought Tolerance and Index Insurance to Reduce Rural Household Vulnerability to Drought," in *Risk, Resources and Development: Foundations of Public Policy* (Elsevier Press).

Carter, Michael R. (2012). "Designed for Development Impact: Next Generation Approaches to Index Insurance for Small Farmers," in *Microinsurance Compendium*, volume 2.

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- Carter**, Michael, “Land Ownership Inequality and the Income Distribution Consequences of Economic Growth,” in G. Cornia, (ed.) *Inequality, Poverty and Growth in an Era of Liberalization and Globalization* (Oxford University Press, 2004).
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D. Book Reviews

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E. Miscellaneous Publications and Policy Briefs

- Carter**, M.R. “Generating Resilience+ to Reduce Poverty and Spur Agricultural Growth,” *MRR Innovation Lab Insight* 2020-01.
- Boucher**, S.R., M.R. Carter, T. Lybbert, P. Marennya, J. Malacarne, L. Paul (2019). “Innovations for Resilience Two ways in Mozambique and Tanzania,” *MRR Innovation Lab Insight* 2019-02.
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- Carter**, Michael and Tara Steinmetz (2018). “Quality Standards for Agricultural Index Insurance: An Agenda for Action,” in *State of Microinsurance*, 4 (Microinsurance Network).
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- Barrett**, C.B., M.R. Carter and J.-P. Chavas (2018). “Shifting Assets, Capacities and Risk to Aid Resilience and End Chronic Poverty,” *BASIS Brief* 2018-08
- Stoeffler**, Quentin, Wouter Gelade, Catherine Guirking and Michael Carter (2018). Agricultural Index Insurance Has Big Impacts For Farmers In Burkina Faso, *BASIS Brief* 2018-05
- Carter**, Michael and Tara Chiu (2018). A Minimum Quality Standard to Ensure Index Insurance Contracts Do No Harm, *BASIS Brief* 2018-04
- Carter**, Michael and Sarah Janzen (2018). Resilience-based Protection Blunts Climate Change’s Impact on Poverty, *BASIS Brief* 2018-01.
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- Tjernström**, Emilia, Travis Lybbert and Michael Carter (2017). Diverse Soils and Inputs Challenge Recommendations to Maize Farmers in Kenya, *BASIS Brief 2017-3*.
- Carter**, Michael R., Travis Lybbert and Stephen Boucher (2015). Bundling Innovative Risk Management Technologies to Improve Nutritional Outcomes of Vulnerable Agricultural Households, *BASIS Brief 2015-02*.
- Stoeffler**, Quentin, Thomas Barré and M R Carter (2015). Measuring Index Insurance Quality, *BASIS I4 Brief 2015-1*.
- Carter**, M.R., Rachid Laajaj and Dean Yang (2014). Temporary Subsidies have Long-lasting Impacts on Technology Adoption and Poverty in Mozambique. *BASIS Brief 2014-08*.
- Carter**, M.R., Travis Lybbert, Mary Mathenge and Emilia Tjernstrom (2014). Spurring Technological Innovation and Poverty Reduction: Evaluating the Impact of a New Seed Market Actor in Kenya. *BASIS Brief 2014-04*
- Elabed**, Ghada, Marc Bellemare, Michael R. Carter and Catherine Guirkingier (2014). Two Triggers are Better than One: Innovative Insurance Design for Cotton Farmers in Mali. *BASIS Brief 2014-01*.
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- Carter**, M.R. (2013). Sharing the Risk and the Uncertainty: Public-Private Reinsurance Partnerships for Viable Agricultural Insurance Markets, *I4 Index Insurance Innovation Initiative Brief 2013-01*, and *FERDI Policy Brief B78*.
- Carter**, M.R., E. Tjernström and P. Toledo (2012). "Investing in Small-Farm Productivity – The Nicaragua MCC Compact," *BASIS Brief 2012-6*.
- Carter**, Michael R. and Sarah Janzen (2012). "Coping with Drought: Assessing the Impacts of Livestock Insurance in Kenya" *I4 Index Insurance Innovation Initiative Brief 2012-01*.
- Carter** Michael R. (2011). "Innovations for Managing Basis Risk under Index Insurance for Small Farm Agriculture," *FERDI Policy Brief B41*.
- Carter**, Michael R., Elizabeth Long and Andrew Mude (2011). "The IBLI Color Legend: Translating Index-Based Mortality Predictions into Meaningful Signals," *I4 Index Insurance Innovation Initiative Brief 2011-01*.

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- Carter**, Michael R., Rachid Laajaj and Dean Yang (2010). "Subsidies, Savings and Sustainable Food Security," *BASIS Brief no. 2010-02*.
- Toledo**, Patricia and Michael Carter (2010). "Impact of Business Services on the Economic Wellbeing of Small Farmers in Nicaragua," *BASIS Brief no. 2010-01* (also available in Spanish).
- Carter**, Michael R. (2009). "Intelligent Design of Index Insurance Contracts for Smallholder Farmers and Pastoralists," in R Hill Vargas and M. Torrero (eds), *Innovations in Insuring the Poor* (Washington, D.C., International Food Policy Research Institute).
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- Barrett**, Christopher B., Michael R. Carter, Sommarat Chantarat, John McPeak, and Andrew Mude (2008). "Altering Poverty Dynamics with Index Insurance: Northern Kenya's HSNP+," *BASIS Brief no. 2008-08*.
- Carter**, Michael R., Christopher B. Barrett, Stephen Boucher, Sommarat Chantarat, Francisco Galarza, John McPeak, Andrew Mude and Carolina Trivelli (2008). "Insuring the Never before Insured: Explaining Index Insurance through Financial Education Games," *BASIS Brief no. 2008-07*.
- Hoddinott**, J., T. Wodehanna, Montillo-Burton, L., Quisumbing, A., Agüero, J., Carter, M.R. and May, J. (2007). "Pathways from Poverty: A Multi-Country Study," *BASIS Brief no. 2007-08*.
- Trivelli**, C., M.R. Carter, F. Galarza, A. Tarazona and J. Yancari (2006). "Can Insurance Unlock Agricultural Credit and Promote Economic Growth?" *BASIS Brief No. 45*, 2006.
- Carter**, M.R., P. Little, T. Mogues and W. Negatu (2004). "The Long-term Impact of Short-term Shocks: Poverty Traps and Environmental Disasters in Honduras and Ethiopia," *BASIS Brief No. 25*, 2004.
- Adato**, M., M.R. Carter and J. May, 2004. "Sense in Sociability? Social Exclusion and Persistent Poverty in South Africa," *BASIS Brief No. 24*, 2004.
- Barham**, B., M.R. Carter and P. Useche, 2004. "Toward a New Generation of Land Policy to Enhance Land Access for Growth and Poverty Reduction in Central America and Mexico," Summary paper for Conference, Improving Land Access to Broaden the Base of Economic Growth, Managua, Nicaragua, August, 2004.
- May**, J., Carter, M. and V. Padayachee, 2004. "Are Poverty and Inequality Leading to Poor Growth?," *South African Labour Bulletin*, 28(2), pp 18-20.

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- Carter**, Michael and Eliza Waters, "Rethinking Rural Finance," Synthesis Paper for BASIS Rural Finance Conference, March 2004.
- Carter**, Michael, Julian May and Vishnu Padayachee, "Sweetening the Bitter Fruit of Liberty: Markets and Poverty Reduction in Post-Apartheid South Africa," *South African National Human Development Report*, 2002.
- Carter**, Michael, "Improving the Functioning of Land Markets in Asia: Implications for Financial Markets, Equity and Efficiency," *World Bank Regional Workshops on Land Issues* (cdrom) November, 2002.
- Carter**, Michael, "Land and Other Factor Markets in Latin America," *World Bank Regional Workshops on Land Issues* (cdrom) November, 2002.
- May**, Julian and Michael Carter "New Findings on Plight of Rural Poor," *TransAct: A Monthly Analysis of Law-Making in South Africa's Transitional Parliament* 2(10), November 1995.
- May**, Julian and Michael Carter. "The Composition and Persistence of Poverty in Rural South Africa: An Entitlements Approach," *Land and Agricultural Policy Centre Paper 14* (Johannesburg), 165 ppgs, August 1995.
- Carter**, Michael. "Sostenibilidad Social del Crecimiento Agroexportador: Impactos sobre el Sector Campesino," in *Sostenibilidad de la Producción No-Tradicional de Exportación por Pequeños Productores en Guatemala* (World Resources Institute 1994).
- Carter**, Michael. "Roundtable Comments on How Does Africa Get There, and How Does Aid Help?" in *Agricultural Transformation in Africa* (Winrock 1993).
- Carter**, Michael. "US Farm Exports and Third World Agricultural Development," *Economic Issues* 111, May 1989.

V. Working Papers

A. Manuscripts Submitted for Publication

- Bird**, S., M.R. Carter, T. Lybbert, M. Mathenge, T. Njagi and Emilia Tjernstrom (2020). "Filing a Niche: The Impacts of a Local Seed Company on Maize Productivity in Kenya," *NBER Working Paper* no. w27636.
- Stoeffler**, Q., M.R. Carter, C. Guirkingner and W. Gelade (2020). "The spillover impact of index insurance on agricultural investment by cotton farmers in Burkina Faso," *NBER Working Paper* no. w27564.
- Flatnes**, Jon Einar and M.R. Carter (2018). "Fail safe index insurance without the cost: A satellite based conditional audit approach."

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- Carter**, M.R., Rachid Laajaj and Dean Yang (2016). “Subsidies, Savings and Sustainable Technology Adoption: Field Experimental Evidence from Mozambique.”
- Carter**, M.R. and J. Morrow (2016). “The Political Economy of Inclusive Agricultural Growth.”
- Castillo**, Marco and Michael R. Carter (2011). "Behavioral Responses to Natural Disasters," 28 pages.
- Agüero**, J.M., M. R. Carter and I. Woolard (2011). “The Impact of Unconditional Cash Transfers on Nutrition: The South African Child Support Grant,” 33 pages.
- Castillo**, M. and M.R. Carter (2007). “What Field Experiments Tell Us about the Real World,” 25 pages.
- Castillo** Marco and Michael Carter (2006). “Using Field Experiments to Identify Social Effects,” 21 pages.
- Carter**, Michael R. “Using Household Data to Analyze Heterogeneous Policy Preferences and Responses in Endowment-Sensitive Economies,” paper prepared for AAEA Conference, *Rural Policy: Issues, Data Needs and Data Access*, revised June 2000.
- Carter**, Michael and Yao, Yang. “Specialization without Regret: Land Transfer Rights and Agricultural Investment in an Industrializing Economy” (revised version of *World Bank Policy Research Paper 2204*), May 2004.

B. Completed Manuscripts and Working Papers Series

- Turiansky**, A., T. Lybbert, R.P. Tescar, T. Bourdie and M.R. Carter (2018). “Who Benefits from the system of Rice Intensification? Household-level Impacts of an SRI Intervention in Haiti,” working paper.
- Castillo**, M.J., S.R. Boucher and M.R. Carter (2014). “Index Insurance: Innovative Financial Technology to Break the Cycle of Risk and Rural Poverty in Ecuador.”
- Elabed**, G. and M.R. Carter (2018). “Ex-ante Impacts of Agricultural Insurance: Evidence from a Field Experiment in Mali.”
- Carter**, Michael R. (2008). “Inducing Innovation: Risk Instruments For Solving The Conundrum Of Rural Finance, keynote paper presented to the 6th Annual Conference of the Agence Française de Développement and The European Development Network,” 24 pages.
- Boucher**, S. B. Barham and M.R. Carter (2008). “Are Land Titles the Constraint to Enhanced Agricultural Performance? Complementary Financial Policies to Crowd-In Credit Supply And Demand in Risk-Constrained Rural Markets,” 33 pages.
- Barrett**, C.B. and M.R. Carter (2005). “Risk and Asset Management in the Presence of Poverty Traps: Implications for Growth and Social Protection,” paper prepared for the conference “Linking Social Protection and Growth: Concepts, Assessing Empirical Evidence, Developing the Future Agenda,” Leuven, 22 pages.

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- Carter**, Michael and Juan S. Chamorro. "The Economics of Liberalizing Segmented Land Markets: Theory and Evidence from Nicaragua," 34 ppgs, September 2001.
- Carter**, Michael R. "Land Access and Class Mobility through Three Decades of Agrarian Reform and Liberalization," 26 ppgs, September 2001.
- Carter**, Michael R., Yang Yao and Klaus Deininger, "A Theory of Property Rights Reform with Embedded Safety Nets and Incomplete Markets," 41 ppgs, July 2001.
- Mogues**, Tewodaj and Michael Carter, "Social Capital and Incentive Compatibility: Modeling the Accumulation and Use of Social Capital," *Staff Paper 460, UW Ag & Applied Economics Staff Papers* 36 ppgs, September 2003.
- Carter**, Michael, "Acertando los Precios y las Instituciones: Perspectivas Pos-Liberalización desde la Microeconomía Nueva del Desarrollo," paper presented to the seminar La Economía Agraria Peruana en la Epoca Pos-Liberalizacion, Lima, September 1999.
- Carter**, Michael R., Pedro Olinto and Diana Fletschner. "Do the 'Poor but Efficient' Survive in the Land Market: Capital Access and Land Accumulation in Paraguay" 25 ppgs, 1998.
- Carter**, Michael R. and Pedro Olinto "Wealth, Property Rights and Credit Rationing: Simulated Maximum Likelihood Estimates of a Disequilibrium Credit Market" 32 ppgs, 1997.
- Carter**, Michael R. and Pedro Olinto. "Impact of Land Titling on Agricultural Productivity in Paraguay," *World Bank Working Paper*, 65 ppgs, 1996.
- Carter**, Michael R. and Cesar Herrera "Neither Wallerstein nor Solow: A Random Coefficients Model of Stasis and Mobility in the Economic World System," *Global Studies Research Program Working Paper 13*, 1995.
- Carter**, Michael R. and Steve Boucher "Consumption Smoothing at What Cost? A Household Portfolio Model of the Financial Efficiency Gap and the Economic Space for Financial Market Innovation," 35 ppgs, 1995.
- Carter**, Michael, B. Barham, S. Boucher and E. Zegarra "Closing the Financial Efficiency Gap: The Role and Design of Cooperative Financial Intermediaries in Low Income Countries," 65 ppgs, 1995.
- Carter**, Michael R. and Eduardo Zegarra (1995). "Reshaping Class Competitiveness and the Structure of Agrarian Growth with Well-Sequenced Policy Reform," *U.W. Agricultural Economics Staff Paper 379* (revised).
- Carter**, Michael, and Chris Walker. "The Evolution of Agrarian Structure in Latin American: An Econometric Analysis of Brazil," 1994, 34 ppgs.
- Carter**, Michael, and Fred Zimmerman. "Mediating Risk through Markets, Rational Cooperation and Public Policy: Institutional Alternatives and the Trajectories of Agrarian Development in the West African Sahel," *IRIS Research Paper* (University of Maryland) 1993, 42 ppgs.

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- Carter**, Michael, and Luis Galeano and Karen Luz “Land Markets and Campesino Agriculture in Paraguay: Changing Patterns of Land Access and Ownership in A Period of Rapid Growth.” 1992, 45 ppgs.
- Carter**, Michael. “Experiments in Agrarian Class Formation and Structural Evolution: Agricultural Decollectivization in Peru and Chile,” 1991.
- Carter**, Michael, and Dina Mesbah “Economic Theory of Land Markets and Its Implications for the Rural Poor,” *Land Tenure Center Research Paper*, 1990.
- Blarel**, Benoit L., Michael Carter, Chris Onyango, and Keith Wiebe. “Economic Constraints to Agricultural Productivity in Njoro Division, Kenya”. *U.W. Agricultural Economics Staff Paper 297*. revised 1989.
- Carter**, Michael, and John Kalfayan. “A General Equilibrium Exploration of Agrarian Class Structure and Production Relations,” *U.W. Agricultural Economics Staff Paper 279*, revised, 1989.
- Carter**, Michael. “Colectivas, Cooperativas, y Parcelas: Un Analisis Economico de Alternativas Institucionales en la Agricultura Reformada,” 1987.
- Jonakin**, Jon, and Michael Carter. “The Economic Case for Land Reform: An Assessment of the Farm Size/Productivity Relation and Its Impact on Policy,” 1987.
- Carter**, Michael, and Don Kanel. “Collective Rice Production in Finca Bermudez: Institutional Performance and Evolution in the Dominican Agrarian Reform,” *Research Paper 83*, Land Tenure Center University of Wisconsin, 1985. (Also in Spanish).
- Kanel**, Don, Edward P. Reed, and Michael Carter. “Collective Farming: Lessons from Experience,” Draft report, Land Tenure Center, University of Wisconsin, 1985.
- Carter**, Michael. “A Note on the Definition and Estimation of Technical Efficiency Using Frontier and Other Omitted Variable Estimators,” 1983.

VI. Invited Papers and Seminars (since 2010)

- 50th Anniversary of Peruvian Agrarian Reform, Permanent Seminar on Agrarian Research, Keynote Address, Puno, Peru, August 2019
- African Development Bank Research Seminar, Abidjan, July 2019.
- Evidence to Action Summit, Keynote Address, Accra, Ghana, July 2019.
- Monash University Center for Economic Development and Sustainability, Kenynote Address, , Prato, Italy, April 2019
- University of Wisconsin, Madison, 2019
- Toulouse School of Economics, March 2019
- University of Bordeaux, March 2019

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- World Bank, December 2018
 - International Labor Organization, September 2018
 - World Bank, October 2018
 - Georgia State University, September 2018
 - University of Georgia, September 2018
 - American Agricultural Economics Association, August 2018
 - International Conference of Agricultural Economists, August 2018
 - Evidence to Action Summit, Nairobi, July 2018
 - Agricultural Innovation Conference, Accra, May 2018
 - Monash University, February 2018
 - Food Security Conference, Cape Town, 2017
 - French Development Agency, Paris, 2017
 - AAEE Annual Meeting, Chicago, 2017
 - University of Ghana, Accra, 2017
 - National Land Agency and Pontificia Universidad Javierana, Bogota, 2017
 - World Bank, Fertilizer Symposium, 2017
 - ICABR Conference, Berkeley, 2017
 - Annual Bank Conference on Africa, Berkeley, 2017
 - McGill University, Montreal, April 2017
 - Pacific Development Conference (PACDEV), University of California, Riverside, March, 2017
 - Nankai University, Tianjin, China, March 2017
 - Hong Kong University of Science and Technology, March 2017
 - Conference on Enhancing Smallholder Productivity in Kenya, Nairobi, February 2017
 - UN Sustainable Development Goals, University of California, Davis, January 2017
 - Conference on SRI Rice in Haiti, Port au Prince, December 2016

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- Microinsurance Conference, Colombo, November 2016
 - China Agricultural University, Beijing, October 2016
 - Central University of Finance and Economics, Beijing, October 2016
 - Hunan Agricultural University, October 2016
 - CAER-IFPRI Annual Conference, Fujian, October 2016
 - National Bureau of Economic Research Poverty Traps Conference, June 2016
 - European Summer School in Development Economics, Prato, June 2016
 - University of Gottingen, June 2016
 - Banco de la República, Bogota, April 2016
 - University of Washington, December 2015
 - University of Namur, December 2015
 - University of Sydney, November 2015
 - Monash University, November 2015
 - University of Adelaide, November 2015
 - Valuing the Things that Matter Conference, Bellagio, September 2015
 - OECD, Paris, September 2015
 - CEROS Index Insurance Workshop, Paris, September 2015
 - International Agricultural Economics Association, Milan, August 2015
 - FAO Conference on Climate Smart Agriculture, Milan, August 2015
 - International Livestock Research Institute, Nairobi, June 2015
 - World Bank, May 2015
 - Global Action Network on Index Insurance, London, April 2015
 - University of California, Merced, March 2015
 - Climate Change and Poverty Conference, World Bank, February 2015
 - Global Action Network on Index Insurance, Mexico City, November 2014
 - Gates Grand Foundation Challenges convening, October 2014
 - CIDE, Mexico City, October, 2014

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- Michigan State University, September, 2014
 - World Bank, Washington, D.C., September, 2014
 - *Journal of Development Studies*, 50th Anniversary Conference, Manchester, September 2014
 - Workshop on Impact of Fertilizer Subsidies, Maputo, Mozambique, September 2014
 - University of Cape Town, August, 2014
 - AAEA Annual Meetings, Minneapolis, July 2014
 - CGIAR Standing Panel on Impact Assessment, Minneapolis, July 2014
 - AFD/FERDI Conference on Weather Risk Management, Paris, June 2014
 - IAMO Forum, Halle, Germany, June 2014
 - International Agricultural Risk, Finance and Insurance Conference, Zurich, June 2014
 - International Growth Centre, Africa Growth Forum, Accra, June 2014
 - China Centre for Economic Research, Peking University, May 2014
 - University of California, Berkeley, May 2014
 - Boise State University, March 2014
 - CCAFS Workshop, Washington, D.C., January 2014
 - Fondation pour les Etudes et Recherches sur le Développement International (FERDI), Clermont-Ferrand, France, June 2013
 - Ministry of Agriculture, Lima, Peru, May 2013
 - University of Namur, May 2013
 - European Agricultural Economics Association, Leuven, Belgium May 2013
 - Austin Lecture, University of Connecticut, April 2013
 - American Enterprise Institute Food Aid Forum, Washington, D.C., April 2013
 - School of Oriental and African Studies, London, February 2013
 - Allied Social Sciences Association annual meeting, San Diego, January 2013
 - Paris School of Economics, Paris, December 2012
 - World Development Report 2012 Workshop, Berlin, December 2012
 - Ministry of Social Inclusion and Development, Lima, Peru, October 2012

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- Millennium Challenge Corporation Impact Evaluation Conference, Washington, D.C., October 2012
 - Consultative Group for International Agricultural Research (CGIAR) Science Seminar Series, Live Video Stream, September 2012
 - Summer School in History of Economic Thought, Economic Philosophy and Economic History, Lille, France, August 2012
 - International Association of Agricultural Economists, Foz de Iguasu, Brazil, August 2012
 - Agriculture Evaluations Peer Review Workshop, Millennium Challenge Corporation, July 2012
 - Workshop on Poverty Reduction: Building the Agenda for Impact Assessment Stellenbosch, South Africa June 2012
 - International Fund for Agricultural Development Latin America Meeting, Guatemala, May 2012
 - Ultra-poverty Conference, George Washington University, March 2012
 - School of Oriental and African Studies, University of London, Conference on Institutional Foundations for Inclusive Development, March 2012
 - Department of Economics, Yale University, February 2012
 - Department of Economics, University of San Francisco, February 2012
 - Department of Agricultural & Applied Economics, University of Wisconsin, February 2012
 - Resource Economics and Environmental Sociology Annual Conference, University of Alberta, January 2012
 - Impact Evaluation of the MCC Small Farm Development Program Washington, DC and Managua, January 2012
 - Association of Public and Land-grant Universities, Annual Meeting, San Francisco, November 2011
 - 36th National Agrarian Congress, Bogota, November 2012
 - CCFAS Workshop on Managing Climate-related Risk, Washington, DC, October 2011
 - New Evidence on Poverty Traps, University of Paris 1, October 2011
 - Building Resilience & Assets for Food Security, Washington, September 2011
 - Public-Private Partnerships for Ag Insurance, Lima, July 2011

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- Feed the Future Learning Agenda Technical Meeting, Washington, DC, June 2011
 - Forum for Agricultural Risk Management and Development (FARMD) Annual Conference, Zurich, June 2011
 - University of Clermont-Ferand & FERDI, June 2011
 - USAID-ATAI Evidence Summit on Agricultural Technological Change, June 2011
 - Congressional Research Service Briefing on Food Aid, May, 2011
 - Ag Sector Council Seminar, USAID, May 2011
 - WIDER Conference on Land Ownership, Hanoi, January 2011
 - University of Sydney, December 2010
 - Evidence Summit on Broadly Based Growth, USAID, December 2010
 - University of the Andes, Bogota, September 2010
 - UN FAO Conference on Smallholders and Value Chains, Rome, May 2010
 - IFPRI Conference on Lessons from Asia and Latin America, Lima, March, 2010
 - Pacific Development Economics Conference, March, 2010
 - University of Southern California, February, 2010
 - University of California, Riverside, February, 2010.

VII. Courses Taught

Graduate Level:

Microeconomics of Agricultural Development
 Macroeconomics of Agricultural Development
 The Global Economy and National Development Strategy

Undergraduate Level:

Economics of Global Poverty
 Growth and Development in the Global Economy
 Economics of Agrarian Growth and Class Formation
 Economic Development of Less Developed Countries
 Intermediate Macroeconomic Theory
 Introduction to Econometrics
 Economics of Socialism

VIII. Grants

- Markets, Risk and Resilience Innovation Lab, USAID, \$30,000,000, 2019-2024.
- Innovations to Improve the Quality and Uptake of Agricultural Index Insurance in East Africa, USAID, \$1,300,000, 2018-2021
- Can Asset Transfer & Asset Protection Policies Alter Poverty Dynamics in Northern Kenya? USAID, \$1,400,000 (co-PI with Andrew Mude, International Livestock Research Institute), 2017-2020.
- Large cash or asset transfers in settlements under South Africa's Land Restitution Programme, Department of Rural Development and Land Reform, Government of the Republic of South Africa & 3ie (\$3.5m)
- Uganda Agriculture Cluster Development Project (ACDP) e-Voucher Impact Evaluation, \$200,000 (co-PI with Maria Ruth Jones, World Bank), World Bank i2i, \$200,000, 2017-2020.
- Impact Evaluation of the Haku Wiñay Graduation Program in Peru, \$404,000 (co-PI with Ursula Aldana, Institute de Estudios Peruanos), IFAD, the Government of Peru, IDRC and an anonymous donor, 2017-2021.
- Design for Impact Evaluation on South Africa's Land Restitution Evaluation, International Initiative for Impact Evaluation (\$20,000)
- Achieving Development Impact with Complementary Stress-resistant Seed & Financial Technologies, \$2.2 million (co-PI with Steve Boucher and Travis Lybbert, UC-Davis), USAID, 2015-2019.
- Evaluating Drought-tolerant Maize in Africa, Planning Grant, \$20,000 (co-PI), SPIE program of the CGIAR
- The Impact of SRI Rice on Rural Livelihoods in Haiti, \$550,000 (co-PI with Travis Lybbert, UC-Davis), Oxfam America and BASIS 2013-2016
- Global Action Network on Agricultural Index Insurance, \$5 million, USAID, 2014-2018
- Evaluating the Socio-economic Impacts of Western Seed's Hybrid Maize Program, \$1.2 million (co-PI with Travis Lybbert, UC-Davis), Acumen Fund, JPAL-ATAI and BASIS, 2013-2015
- BASIS Assets and Market Access Research Consortium, \$18 million, USAID, 2012-2017
- Measuring the Impact of Walmart's Direct Farm Program on Farmer Income and Agricultural Practices, \$625,000 (co-PI with Steve Boucher, UC-Davis), Walmart Foundation, 2012-2015
- Index Insurance: Innovative Financial Technology to Break the Cycle of Risk and Rural Poverty in Ecuador, \$265,000, Ford Foundation

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- I4 Index Insurance Innovation Initiative, \$3.5 million, USAID, UC-Davis, Blum Center for Developing Economies
 - Index Based Livestock Insurance, 2008-2011, \$1 million, DfID, World Bank and USAID Food for Peace Office
 - Assets and Market Access Research Consortium, \$14 million, USAID, 2006-2011.
 - Impact Evaluation of Nicaragua's MCA Program, \$388,000, Millennium Challenge Corporation, 2006-2012.
 - Social Protection Policy to overcome Poverty and Aid Traps, \$45,000, World Bank, 2006-2007.
 - Using Asset Dynamics to Measure Persistent Poverty, \$30,000 (co-PI), Chronic Poverty Research Centre, University of Manchester, 2005-2006.
 - The Microempirics of Poverty Traps, \$100,000, USAID (co-PI), 2006-2006.
 - KwaZulu-Natal Income Dynamics Study, \$70,000, USAID (PI), 2004-2005.
 - Pathways from Poverty, \$40,000, BASIS Research Program (Co-investigator), 2004-2006.
 - Enhancing Land Access to Broaden the Base of Growth, \$50,000 USAID (PI), 2004.
 - Identifying the Pathways Into and Out of Poverty, \$23,000, International Food Policy Research Institute (PI), 2004-2005..
 - BASIS Collaborative Research Support Program, ~\$2 million/year, USAID (PI), 2001-2006.
 - Coping with Covariant Shocks: The Socio-economic Width of Informal Insurance Mechanisms, \$12,000, International Food Policy Research Institute, 2001 (PI).
 - Entitling Women: Gender, Land Rights and the Household Economy in Honduras and Nicaragua, \$35,000, USAID/BASIS, 2001-2002 (PI).
 - Efficiency and Equity Consequences of Property Rights Reform: The Case of Increased Tenure Security in China, \$50,000, World Bank Research Committee, 2001-2002 (Co-PI).
 - The Social Limits to Reciprocity, \$ 24,000, Pew Charitable Trust Initiative on the Nature of the Human Person, 2001-2002, (Co-Investigator).
 - Legacies of Inequality: Social Capital, Social Exclusion and the Dynamics of Income Distribution and Poverty, \$ 600,000, John D. and Catherine T. MacArthur Foundation, 2000-2002 (PI).
 - Land Market Access and the Welfare of the Rural Poor: Lessons from the Reforms in Central America and Mexico, \$ 450,000, European Community, World Bank and USAID 1999-2001 (PI).

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- Rural Economic Growth and the Improvement of the Peasant Economy in Colombia, \$ 21,000 IICA and the Inter-American Development Bank, 1998 (PI).
 - Dynamics of Persistent Poverty in South Africa, \$ 170,000 Ford Foundation, International Food Policy Research Institute, and the BASIS Project 1997-1998 (Co-PI).
 - Land Tenure, Land Markets and Land Productivity in Rural China, \$ 30,000, World Bank, 1997 (Co-Investigator).
 - International Institute Graduate Training Program, \$ 75,000, Ford Foundation, 1996-1999 (Co-Investigator).
 - Poverty in South Africa: Breaking the Cycle of Reproduction, \$ 18,800, Ford Foundation, 1995-96 (Co-P.I.).
 - Rural Poverty in South Africa, \$ 21,890, World Bank, 1994-1995 (P.I.).
 - Land Tenure Insecurity and Small Farm Productivity in Paraguay, \$ 62,000, World Bank, 1994-1996 (P.I.).
 - Non-Traditional Exports and Non-Traditional Capital Access, \$ 29,578, World Council of Credit Unions, \$ 20,000 USAID Latin America Bureau, 1993-1994 (P.I.).
 - Explaining the Heterogeneity of African Experiences with Agricultural Liberalization, \$ 10,000, World Bank, 1993-1994 (P.I.).
 - Land Tenure and Agricultural Performance in China, \$ 48,480 Ford Foundation, 1993-1994 (Co-Investigator)
 - Conference on Sustainable Development with Equity for the 1990's, \$ 75,000, Ford Foundation, 1992-92 (Co-P.I.).
 - Paths of Growth and Transformation in African Agriculture: Solving the Food Crisis? \$ 30,000, IRIS Research Program (University of Maryland), 1992-1993, \$ 13,500 U.W. Graduate School, 1991-92 (P.I.).
 - Agro-Export Growth and the Rural Resource Poor in Latin America: Policy Initiatives to Alleviate Exclusion, \$ 56,000, USAID, 1992 (P.I.).
 - Enlisting the Land Market to Solve the "Land Hunger" Problem in Paraguay—Will it Work? AID/Paraguay \$ 45,000, 1991/92 (P.I.).
 - Does It Take More Than Free Markets? The Microeconomics of Agricultural Growth and Its Impact on Agrarian Structure and Social Stability in Latin America, \$ 60,000, MacArthur Foundation, 1990-1991 (P.I.).
 - The Impact of Non-Traditional Export Strategies on Agrarian Structure and Distribution in Guatemala, \$ 25,000, Tinker Foundation, 1989-91 (Co-P.I.).
 - Evolution of Agrarian Structure in Kenya, \$ 20,154, U.W. Graduate School, 1989-90 (P.I.).

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- Viability of Agricultural Production Cooperatives in Nicaragua, \$ 85,000, Ford Foundation, 1988-89 (P.I.).
 - Land Tenure Security and Land Markets in Kenya, \$ 10,000, USAID, 1988 (Add on to Land Tenure Center grant).
 - Agrarian Structure in Latin America, \$ 79,000, USAID, 1986-89 (Co-P.I.).
 - Constraints to Small Farm Efficiency in Kenya, \$ 120,000, USAID, 1985-87 (Co-P.I. with Virginia State University).
 - Risk in Sahelian Agriculture, \$ 41,400, World Bank, 1985-87 (Co-Investigator).
 - Decollectiviation of Peruvian Agrarian Reform Agriculture, \$9823, UW Graduate School and USAID-Lima, 1985-86 (P.I.)

IX. Major University Service

- Search and Screen Committee for Dean, College of Agricultural and Life Sciences, 2005
- Graduate School Research Committee, 2004-2007
- Institutional Review Board for Social and Behavioral Sciences (Human Subjects), 2002.
- BASIS and AMA Collaborative Research Support Programs, Director 2001-.
- Social Studies Divisional Committee, 1999-2002.
- African Studies Program, Program Planning Committee, 2000-
- International Studies Program, Executive Committee, 1999-
- Latin American Studies Program, Executive and Nave Committees, 1990-
- Global Research Program Leader, BASIS Research Consortium, 1996-1998.
- Search and Screen Committee for Dean, College of Agricultural and Life Sciences, 1997.
- Review Committee, Department of Political Science, 1997.
- Director of Graduate Programs, Department of Agricultural and Applied Economics, 1995-1997 & 2006-2008.
- Chair and Member, University Fellowships Committee, Social Studies Division, 1990, 1992-1994.
- Co-Director, Global Studies Research Program, 1993-1996.

X. Other Professional Activities

- Editorial Board, China Economic Quarterly-International, 2020-2023.
- Board of Directors, International Centre for Evaluation and Development, 2016-
- Board of Directors, Grameen Foundation, 2016-2019
- Advisory Board, Centre for Development Economics and Sustainability, Monash University, 2016-
- Technical Advisory Group, Global Property Rights Index (PRINDEX), 2016-
- Steering Committee, World Food Center, UC-Davis, 2015-
- Editorial Board, *Journal of Development Studies*, 2014-
- Board of Trustees and Chair of Program Committee, Freedom from Hunger, 2013-2016
- Advisory Committee, R4 Index Insurance Program (World Food Program and Oxfam), 2014-
- Scientific Committee, Breaking Poverty Persistence in Latin America: An Unfinished Agenda, World Bank, 2014-2016
- Scientific Committee, Conditional Cash Transfers and Rural Development in Latin America Initiative – Universidad de los Andes & the International Fund for Agricultural Development, 2012-2015
- External Advisor, Comisión Quipu, Lima, Peru, 2012
- Editorial Board, *Studies in Comparative International Development*, 2007-
- President, International Section, American Agricultural Economics Association
- Advisory Board, National Longitudinal Study of Colombia
- Advisory Board, National Income Dynamics Study of South Africa (NIDS)
- World Development Report, 2008, Contributing Author
- World Development, Associate Editor (microeconomics), 2003-2012
- World Bank, Land Policy Research Review, Steering Committee, 2001-2003.
- Oxfam America, Board of Directors, 2001-2008
- American Journal of Agricultural Economics, Associate Editor, 1998-2002.
- Institut de Reserche pour la Développement, Land Policy Project Scientific Advisory Committee, 2000-2004.

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- Referee: *Journal of Development Economics*, *World Development*, *Economic Development and Cultural Change*, *American Economic Review*, *Review of Economic Studies*, *Economic Journal*, *Oxford Economic Papers*, *American Journal of Agricultural Economics*, *Land Economics*, *Ford Foundation*, *Inter-American Foundation*, and *MacArthur Foundation*.
 - Memberships: American Economic Association, Royal Economic Society, American Agricultural Economics Association

XI. Foreign Language

- Fluent in Spanish

XII. Honors and Awards

- Publication of Enduring Quality, Agricultural & Applied Economics Association, 2019.
- 2016 BIFAD Award for Scientific Excellence
- Research Associate, National Bureau of Economic Research (NBER), 2013
- Fellow, BREAD (Bureau for Research and Economic Analysis of Development), 2012
- Fellow, Agricultural and Applied Economics Association, 2009
- International Dinner Speaker, American Agricultural Economics Association Annual Meeting, 2006
- Outstanding Article in the *American Journal of Agricultural Economics*, 2003 (with Pedro Olinto)
- Outstanding Contribution to the Graduate Program, Department of Ag and Applied Economics, 1996
- Graduate Teaching Award, Department of Agricultural Economics, 1994, 1999
- Vilas Associate Professor, University of Wisconsin-Madison, 1990
- Foreign Travel Fellowship, University of Wisconsin-Madison, 1981
- University Fellowship, University of Wisconsin-Madison, 1980-81
- Department of Economics Fellowship, University of Wisconsin-Madison, 1978
- Magna cum laude, Georgetown University, 1977
- Notz Medal in Economics, Georgetown University, 1977
- Phi Beta Kappa, 1976