

# TRAVIS J. LYBBERT

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## EDUCATION

### **CORNELL UNIVERSITY, Ph.D. Agricultural Economics, 2004**

COMMITTEE: William Lesser, Christopher Barrett, Ronald Herring, Ravi Kanbur

DISSERTATION: "Three Essays on Economic Development & Access to Technology"

### **CORNELL UNIVERSITY, M.S. Agricultural Economics, 2000**

COMMITTEE: Christopher Barrett, Jon Conrad, Hamid Narjisse

THESIS: "Development, Conservation & Bioprospecting: The Case of Morocco's Argan Oil."

### **UTAH STATE UNIVERSITY, B.A. Economics, 1997 *summa cum laude***

THESIS: "Migration Rates and Olympic Amenities: A Model of Past Olympic Host Regions."

## EXPERIENCE

- 2006+ **ASSISTANT PROFESSOR**, Dept. of Ag. & Resource Econ., Univ. of California, Davis, CA  
Teach 2.5 quarter courses per year in applied economics at Ph.D., M.S., and undergraduate levels.  
Advise students at all levels. Serve on various department committees, including the Graduate Administrative Committee. Member of International Agricultural Development Faculty. Affiliate of UC Davis Olive Center.
- 2004-06 **ASSISTANT PROFESSOR**, Harriet L. Wilkes Honors College, Florida Atlantic Univ., Jupiter, FL  
Taught five Honors courses per academic year. Developed research program. Chaired the Economics Concentration.
- 2002-03 **INSTRUCTOR**, Cornell University, Ithaca, NY  
Designed and taught Engineering Economics course (100 students) in Operations Research Department. Managed team of six teaching assistants who conducted three recitation sections. Received teaching evaluations 0.5 to 1 standard deviation above the department mean.
- 2002 **INTERN**, World Trade Organization-Intellectual Property Division, Geneva, Switzerland  
Evaluated econometric approaches to assessing the cost of implementing the Trade-Related Aspects of Intellectual Property (TRIPS) Agreement. Analyzed developed country policy measures to encourage technology transfer to least-developed countries.
- 2000-02 **INTELLECTUAL PROPERTY CONSULTANT**, Cornell Research Foundation, Ithaca, NY  
Devised and evaluated technology-specific intellectual property strategies. Assessed the market value of technologies to be licensed. Designed licensing and negotiation strategies. Developed regional intellectual property management strategies.
- 1998-2004 **TEACHING/RESEARCH ASSISTANT**, Cornell University, Ithaca, NY  
Taught two Statistics sections (50 students), two Corporate Finance sections (75 students) and one International Finance section (45 students). Researched wealth-differentiated herd dynamics among Ethiopian pastoralists, patenting trends at the U.S. Patent & Trademark Office, corporate patenting strategy, and impact of U.S. Plant Variety Protection on soybean variety trials.

1997-98 **FULBRIGHT SCHOLAR**, Rabat, Morocco  
 Researched land tenure evolution in cooperation with faculty at *L'Institut Agronomique et Vétérinaire Hassan II*. Designed and taught an English course for Moroccan Professors. Learned Moroccan Arabic in intensive language courses.

## TEACHING

### INSTRUCTOR

Microeconomics of Development (Ph.D)	International Economic Development
Demand & Market Analysis (M.S.)	Honors Controversies in the Global Economy
Honors Principles of Microeconomics	Honors Principles of Macroeconomics
Honors Environmental Economics	Honors GIS & Economics
Honors Introduction to Econometrics	Economics of Engineering Systems
Business & Poverty (Lifelong Learning course)	

### TEACHING ASSISTANT

International Financial Management	Introductory Statistics
Corporate Financial Management	

## JOURNAL ARTICLES

1. Travis J. Lybbert, F. Galarza, J. McPeak, C.B. Barrett, S. Boucher, M.R. Carter, P. Chantarat, A. Fadlaoui, A. Mude, "Dynamic Field Experiments in Development Economics: Risk valuation in Morocco, Kenya and Peru" accepted (October 2009) *Agricultural and Resource Economics Review*.
2. David R. Just and Travis J. Lybbert, "Risk Averters that Love Risk? Marginal Risk Aversion in Comparison to a Reference Gamble" *American Journal of Agricultural Economics* 91 (2009): 612-626.
3. Christopher R. Gustafson and Travis J. Lybbert, "What's Extra Virgin? An Economic Assessment of California's Olive Oil Labeling Law" *Agricultural and Resource Economics Update* 12:3 Jan/Feb (2009).
4. Travis J. Lybbert, "The Economic Roots of the American "Zigzag": Knives, Forks, and British Mercantilism" forthcoming *Economic Inquiry*.
5. Travis J. Lybbert and Christopher B. Barrett, "Risk taking behavior in the presence of nonconvex asset dynamics" forthcoming *Economic Inquiry*.
6. Travis J. Lybbert and W. Douglas Gubler, "California Wine Grape Growers' Use of Powdery Mildew Forecasts" *Agricultural and Resource Economics Update* 11:4 March/April (2008).
7. Travis J. Lybbert, "Exploring the Role of Spiritual Capital in Poverty Traps & Microfinance" *Faith & Economics* 51 (2008): 57-79.
8. Travis J. Lybbert, "Patent Disclosure Requirements and Benefit Sharing: A counterfactual case of Morocco's argan oil" *Ecological Economics* 64 (2007): 12-18.
9. Travis J. Lybbert and David R. Just, "Is Risk Aversion Really Correlated with Wealth? Spurious correlation from estimated probabilities" *American Journal of Agricultural Economics* 89 (2007): 964-979.

10. Travis J. Lybbert and Christopher B. Barrett, "Risk Responses to Dynamic Asset Thresholds" *Review of Agricultural Economics* 29:3 (2007): 412-418.
11. Travis J. Lybbert, "Polarization & Pricing to the Rich" *Applied Economics Letters* 14 (2007): 389-394.
12. Travis J. Lybbert, Christopher B. Barrett, John G. McPeak, and Winnie K. Luseno, "Bayesian Herders: Updating of Rainfall Beliefs In Response to External Forecasts" *World Development* 35 (2007): 480-497.
13. Travis J. Lybbert, "Indian Farmer's Valuation of Yield Distributions: Will poor farmers value 'pro-poor' seeds?" *Food Policy* 31 (2006): 415-441.
14. Travis J. Lybbert, Christopher B. Barrett, Solomon Desta, and D. Layne Coppock, "Stochastic Wealth Dynamics and Risk Management Among A Poor Population" *Economic Journal* 114 (2004): 750-777.
15. Travis J. Lybbert, Christopher B. Barrett, and Hamid Narjisse, "Does Resource Commercialization Induce Local Conservation? A Cautionary Tale from Southwestern Morocco." *Society & Natural Resources* 17 (2004): 413-430.
16. William H. Lesser and Travis J. Lybbert, "Do Patents Come Too Easy?" *IDEA: The Journal of Law and Technology* 44 No.3 (2004): 381-407.
17. Travis J. Lybbert, "On Assessing the Cost of TRIPS Implementation." *World Trade Review* 1 (2002): 309-319.
18. Travis J. Lybbert, "Humanitarian Use Technology Transfer: Issues and Approaches." *Intellectual Property Strategy Today* 2 (2002): 17-24. Revised version in *International Journal of Food, Agriculture & Environment* 1 (2003): 95-99.
19. Travis J. Lybbert, Christopher B. Barrett, and Hamid Narjisse, "Market-Based Conservation and Local Benefits: The Case of Argan Oil in Morocco." *Ecological Economics* 41 (2002): 125-144.
20. Christopher B. Barrett and Travis J. Lybbert, "Is Bioprospecting A Viable Strategy for Conserving Tropical Ecosystems?" *Ecological Economics* 34 (2000): 293-300.
21. Travis J. Lybbert and Dawn Thilmany, "Migration Effects of Olympic Siting: A Cross-Sectional Analysis of Host Regions." *The Annals of Regional Science* 34 No.3 (2000): 405-420.

## OTHER PUBLICATIONS & REPORTS

1. Abdellah Aboudrare, Travis J. Lybbert, and Nicholas Magnan "Le Marché de l'Huile d'Argan et Son Impact Sur Les Ménages et La Forêt dans La Region d'Essaouira" *Transfert de Technologie en Agriculture* Avril 2009 (Published by the Ministry of Agriculture and Fisheries, Kingdom of Morocco).
2. Travis J. Lybbert, Nicholas Magnan, and Alex McCalla "Assessing the Tradeoffs between Cereal and High Value Crop Production in Morocco" October 2008, Prepared for the World Bank.
3. Travis J. Lybbert, "Empirical Approaches to Assessing Tenure Constraints on Emerging Value Chains in Morocco" July 2007, Prepared for USAID project Integrating Agriculture and Agribusiness.
4. Travis J. Lybbert, "Costly Measures vs. 'Unconscionable' Profits" *Palm Beach Post* OP-ED, 10 November 2005.

5. Travis J. Lybbert, Christopher B. Barrett, and Hamid Narjisse, “Commercializing Argan Oil in Southwestern Morocco: Pitfalls on the Pathway to Sustainable Development” in *Buying Biodiversity: Financing conservation for sustainable development*. J. Bishop, S. Pagiola, and S. Wunder eds. Forthcoming.
6. Travis J. Lybbert, “Indian Farmers’ Valuation of Crop Yield Distributions: Implications for Bt Brinjal” Policy brief prepared for the Agricultural Biotechnology Support Project II (<http://www.absp2.cornell.edu/>), July 2004.
7. Travis J. Lybbert, Christopher B. Barrett, and Hamid Narjisse, “Market Solutions, the Environment, and Morocco” *Project Syndicate Into Africa* series, January 2003.
8. Travis J. Lybbert and Richard Cahoon, *Licensing the Ring-Spot Virus Resistant Papaya in the Caribbean Region*, Report prepared for Jamaican Agricultural Development Foundation, May 2001.

## PAPERS IN REVIEW

Travis J. Lybbert and John McPeak, “Risk, Intertemporal Substitution & Early Resolution of Uncertainty: Livestock Portfolios & Off-take Among Kenyan Pastoralists” revise and resubmit (August 2009 version)

Travis J. Lybbert, Nicholas Magnan, and Abdellah Aboudrare, “Household and Argan Forest Impacts of Morocco’s Argan Oil Bonanza” revise and resubmit (October 2009 version)

Travis J. Lybbert, David R. Just, and Christopher B. Barrett, “Estimating risk preferences in the presence of bifurcated wealth dynamics: Do we misattribute dynamic risk responses to static risk aversion?” in review (October 2009 version).

Travis J. Lybbert and Adrian Bell, “Stochastic Benefit Streams, Learning and Technology Diffusion: Why Drought Tolerance is not the new Bt” in review (July 2009 version).

## PRESENTATIONS

1. “Agricultural Technologies for Climate Change Mitigation and Adaptation in Developing Countries: Policy Options for Innovation and Technology Diffusion” Presented at Tamil Nadu Agricultural University, September 2009.
2. “Dynamic Field Experiments in Development Economics: Risk valuation in Morocco, Kenya & Peru” Presented at Northeast Agricultural & Resource Economics Association Workshop in Experimental Economics, Burlington VT, June 2009 and Tamil Nadu Agricultural University, September 2009.
3. “Do Powdery Mildew Forecasts Shape How Winegrape Growers Manage Disease Risk?” Presented at SCC-76 Economics & Management of Risk in Agriculture & Natural Resources Annual Meeting, Galveston, March 2009.
4. “Do We Misattribute Dynamic Risk Responses to Static Risk Aversion?” Presented at Pacific Development Conference, USF, March 2009.
5. “Will the Poor Value Seed Traits that Reduce Risk? Bt in India and Drought Tolerance in Morocco” Presented at Biotechnology in Developing Countries, UC Berkeley, January 2009.

6. "Seeing Shadows of Asset Dynamics in Variability Preferences: Risk Aversion & Intertemporal Substitution Among Kenyan Pastoralists" Presented as ARE Department Seminar, UC Berkeley, November 2008 and at Ag & Applied Econ Assoc meetings 2009.
7. "Drought Risk, Vulnerability & Rural Livelihoods in Morocco" Presented at Global Climate Change and Poverty in Dry Areas: Poverty Research for Improved Livelihoods in Dry Areas Workshop, Alexandria, Egypt, November 2008.
8. "The Impact of the Argan Market Boom on Households and on the Forest" Presented at the Direction Provinciale d'Agriculture, Essouira, Morocco, July 2008.
9. "What to Smooth? Asset v Consumption Smoothing in Burkina Faso" Presented at the Pacific Development Conference, San Diego, March 2008; Brigham Young University, October 2009; and Utah State University, October 2009.
10. "Drought Risk & Tolerant Technologies in Meknes, Morocco" Presented at the International Center for Agricultural Research in the Dry Areas (ICARDA), Aleppo, Syria, February 2008.
11. "PCT Applicants' Spatial Strategies: Trade & Technology Attraction" Presented at the World Intellectual Property Organization, Geneva, Switzerland, February 2008.
12. "Risk Averters that Love Risk? Average v Marginal Risk Aversion" Presented at American Ag Econ Assoc meetings 2007 and Economic Science Association October meetings 2007.
13. "Farmers' Valuation of Crop Yield Distributions & Field Experiments" Presented at University of San Francisco, April 2007.
14. "Risk Aversion & Intertemporal Substitution Among Kenyan Pastoralists: Two sides of the same coin?" Presented at the Duke Development Economics Workshop April 2007 and Northeast University Development Consortium 2007.
15. "Risk Responses to Dynamic Asset Thresholds" Presented at Allied Social Science Associations 2007.
16. "Desperation and dynamic risk aversion: Activity and investment choice when there's nothing left to lose" Presented at Northeast University Development Consortium 2006 and Pacific Development Conference 2007.
17. "Is Risk Aversion Really Correlated with Wealth? Spurious correlation from estimated probabilities" Presented at American Ag Econ Assoc meetings 2006 and UC Davis 2006.
18. "Biodiversity Access, Benefit Sharing, and Patent Disclosure: A counterfactual case of Morocco's Argan Oil" Presented at the WIPO-WTO Intellectual Property Colloquium 2006, Geneva, Switzerland.
19. "Tendances de l'Intégration de l'Agriculture et l'Agrobusiness" (Trends in the Integration of Agriculture and Agribusiness) Presented at the International Agriculture Fair 2006 Meknes Morocco, Meknes Regional Center of the *Institut National de Recherche Agricole* Morocco 2007, and Tamil Nadu Agricultural University 2007.
20. "Governing Entrepreneurs: The dynamic nexus of government, business, society, and technology" Presented at Wilkes Honors College Outreach Breakfast 2006 for local government and business leaders.

21. “How the World Got Rich Quick” Presented at Wilkes Honors College Forum 2006.
22. “La Sécheresse, La Vulnérabilité, et La Valorization des Semences” (Drought, Vulnerability, and the Valuation of Seeds) Presented at Rabat and Meknés Regional Centers of the *Institut National de Recherche Agricole* – Morocco 2006.
23. “Wealth, Farmer Characteristics and Risk Aversion” Presented at SCC-76 Economics and Management of Risk in Agriculture and Natural Resources 2005 (Myrtle Beach, SC).
24. “Indian Farmers’ Valuation of Yield Risk: Will poor farmers value ‘pro-poor’ seeds?” Presented at Florida Atlantic University 2004, UW-Madison 2005, American Ag. Econ. Assoc. meetings 2005.
25. “Diseases, Drugs, People, & Profit” Presented at Wilkes Honors College Forum 2004 and Rotary International Club-Jupiter 2004.
26. “Bayesian Herders: Asymmetric Updating of Rainfall Beliefs In Response To External Forecasts” (with Christopher B. Barrett) Presented at University of Arizona 2004, Montana State University 2004, UC-Berkeley 2004, Florida Atlantic University 2004, NEUDC 2002 (Williamstown, MA) and at the World Meteorological Organization 2002 (Geneva, Switzerland).
27. “Assessing the Impact of Plant Variety Protection Using Variety Trials” Presented at NC1003 Conference 2003 (New Brunswick, NJ).
28. “Does Resource Commercialization Induce Local Conservation? A Cautionary Tale from Southwestern Morocco.” Presented at Western Ag. Econ. Assoc. meetings 2001 (Logan, UT).
29. “Pastoral Risk and Wealth-Differentiated Herd Accumulation Patterns in Southern Ethiopia” (with Christopher B. Barrett) Presented at Cornell University, SUNY-Binghamton, and American Ag. Econ. Assoc. meetings 2000 (Tampa, FL).
30. “Migration Rates and Olympic Amenities: a model of previous Olympic host regions.” (with Dawn Thilmany) Presented at the Utah Governor’s Office of Planning and Budget 1997 and the Western Regional Science Association meetings 1998 (Monterey CA).

## **G R A N T S & F E L L O W S H I P S**

### **LINKING MOROCCAN SAFFRON PRODUCERS TO HIGH VALUE SAFFRON MARKETS**

International Center for Agricultural Research in the Dry Areas (ICARDA), 2009-10

### **LIPID NUTRIENT SUPPLEMENT FOR INFANTS & PREGNANT / LACTATING MOTHERS**

Bill & Melinda Gates Foundation (with UC Davis Nutrition), 2008-2013

### **CELL PHONES AS A PLATFORM FOR ADULT LITERACY TRAINING**

Center for Information Technology In Society (CITRIS), UC, 2008-09

Blum Center for Developing Economies, UC Berkeley, 2008-10

Fell Fund, Oxford University, 2008-10

### **ALO/INDIA PROJECT – EXPERIMENTAL ECONOMICS WORKSHOP**

International Programs & Outreach, College of Agriculture & Environmental Sciences, UC Davis, 2007

### **GRAPE GROWERS & DISEASE FORECAST INFORMATION RESEARCH GRANT**

Giannini Foundation of Agricultural Economics, 2008 & 2007

**SEED GRANT FOR NEW INITIATIVES – INDIA**

International Programs, UC Davis, 2007

**DROUGHT RISK, VULNERABILITY & THE VALUATION OF TECHNOLOGY, MOROCCO**

International Center for Agricultural Research in the Dry Areas (ICARDA), 2006-07

**WIPO-WTO ACADEMY GRANT**

Lifelong Learning Society, Florida Atlantic University, 2006

**DISSERTATION RESEARCH GRANT**

Agricultural Biotechnology Support Project II (USAID), 2003

**FULBRIGHT RESEARCH GRANT, MOROCCO, 1997-1998**

**A W A R D S & A C T I V I T I E S**

**EXCELLENCE IN EDUCATION AWARD FINALIST**

Associated Students of UC Davis in College of Agriculture and Environmental Sciences 2008-09

**WORLD INTELLECTUAL PROPERTY ORGANIZATION (WIPO) ACADEMY INVITEE**

Two week training at WIPO and WTO for teachers of intellectual property, Summer 2006

**DISTINGUISHED TEACHER OF THE YEAR NOMINEE**

Students of Wilkes Honors College, Florida Atlantic University, 2004-05 and 2005-06

**INSTRUCTOR OF THE YEAR**

Dept of Operations Research, Cornell University, 2003

**BEST GRADUATE STUDENT PAPER**

Dept of Applied Economics & Management, Cornell University, 2000

**OUTSTANDING TEACHING ASSISTANT OF THE YEAR**

College of Agriculture & Life Sciences, Cornell University, 1999

**HARRY S. TRUMAN SCHOLARSHIP FINALIST, 1996**

**O T H E R**

REFEREE: American Journal of Agricultural Economics  
Journal of Environment & Development Economics  
Current Anthropology  
Journal of Agricultural & Applied Economics  
Food Policy  
Economic Development & Cultural Change  
Assets & Market Access CRSP  
National Science Foundation

TRAVIS J. LYBBERT

AFFILIATION: American Agricultural Economics Association, Western Economic Association, American Economics Association

SKILLS

PROGRAMMING: STATA; SAS; Limdep; GAMS; Gauss; Matlab.

RESEARCH: Questionnaire design, translation and administration; Economic experiment design, implementation and analysis; Enumerator training, team building and coordination; Data entry, cleaning and analysis; Econometrics; Modeling.

LANGUAGES: English (native); French (fluent); Moroccan Arabic (conversational; studied at Arabic Language Institute of Fez)