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Curriculum Vitae of: **XIAOGUANG CHEN**

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EDUCATION

Ph.D., Agricultural and Consumer Economics, University of Illinois at Urbana-Champaign,
August 2010. (Dissertation Title: *A Dynamic Analysis of U.S. Biofuels Policy Impact on
Land Use, Greenhouse Gas Emissions and Social Welfare*)

MS., Environmental Economics, Chinese Academy of Sciences, 2006

BS., Environmental Science and Economics, Peking University, 2003

FIELDS OF SPECIALIZATION

Energy and Environmental Economics; Mathematical Programming; Applied Econometrics;
Agricultural Economics

EMPLOYMENT

July 2012 –, Associate Professor, The Research Institute of Economics and Management,
Southwestern University of Finance and Economics

August 2010 – June 2012, Research Associate, Energy Biosciences Institute, University of
Illinois at Urbana-Champaign

AWARDS AND HONORS

Outstanding Dissertation Award, Department of Agricultural and Consumer Economics,
University of Illinois at Urbana-Champaign, 2011.

Finalist, Agricultural & Applied Economics Association Outstanding Dissertation Award
(one of eight), 2011.

JOURNAL ARTICLES

1. **Chen, X.**, M. Khanna and S. Yeh. 2012. “Stimulating Learning-by-doing in Advanced Biofuels: Effectiveness of Alternative Policies”. *Environmental Research Letters*.7: 045907.
2. Huang, H., M. Khanna, H. Önal and **X. Chen**. 2012. “Stacking Low Carbon Policies on the Renewable Fuels Standard: Economic and Greenhouse Gas Implications”. *Energy Policy*. In press.

3. **Chen, X.**, H. Huang and M. Khanna. 2012. "Land Use and Greenhouse Gas Implications of Biofuels: Role of Technology and Policy". *Climate Change Economics*. 3: doi: 10.1142/S2010007812500133
4. **Chen, X.** and M. Khanna. 2012. "Food vs. Fuel: The Effect of Biofuel Policies". *American Journal of Agricultural Economics*. doi: 10.1093/ajae/aas039
5. **Chen, X.** and M. Khanna. 2012. "Explaining the Reductions in US Corn Ethanol Processing Costs: Testing Competing Hypotheses". *Energy Policy*. 44: 153-159.
6. **Chen, X.** and H. Önal. 2012. "Modeling Agricultural Supply Response Using Mathematical Programming and Crop Mixes". *American Journal of Agricultural Economics*. 94(3): 674-686.
7. **Chen, X.** and M. Khanna. 2012. "The Market-Mediated Effects of Low Carbon Fuel Policies". *AgBioForum*. 15(1): 89-105.
8. Khanna, M., **X. Chen**, H. Huang and H. Önal. 2011. "Supply of Cellulosic Biofuel Feedstocks and Regional Production Pattern". *American Journal of Agricultural Economics*. 93(2): 473-480.
9. Khanna, M., **X. Chen**, H. Huang and H. Önal. 2011. "Land Use and Greenhouse Gas Mitigation Effects of Biofuel Policies". *University of Illinois Law Review*. 2:549-589.

BOOK CHAPTERS

1. **Chen, X.**, H. Huang, M. Khanna and H. Önal. 2012. "Meeting the Demand for Biofuels: Implications for Land Use, Food and Fuel Prices," NBER working paper W16697. *The Intended and Unintended Effects of U.S. Agricultural and Biotechnology Policies*, edited by J. Zivin and J. Perloff, University of Chicago Press.
2. Khanna, M., H. Önal, **X. Chen** and H. Huang. 2010. "Meeting Biofuels Targets: Implications for Land Use, Greenhouse Gas Emissions, and Nitrogen Use in Illinois," *Handbook of Bioenergy Economics and Policy*, edited by M. Khanna., J. Scheffran and D. Zilberman, Springer, pp. 287-305.

WORKING PAPERS

1. Khanna, M. and **X. Chen**. 2013. "Energy Security and Greenhouse Gas Savings with Biofuels: Role of Policy, Technology and Markets". *Submitted*.
2. **Chen, X.** and H. M. Nunez. 2012. "Understanding the Reductions in Sugarcane Ethanol Production Costs: The Importance of Technological Changes". *Submitted*.
3. **Chen, X.**, H. Huang, M. Khanna and H. Önal. 2012. "Alternative Transportation Fuel Standards: Economic Effects and Climate Benefits". 2nd R&R at *Journal of Environmental Economics and Management*.

4. **Chen, X.** and H. Önal. 2012. “An Economic Analysis of the Future U.S. Biofuel Industry, Facility Location, and Supply Chain Network”. *R&R at Transportation Science*.
5. **Chen, X.** and H. Önal. 2012. “Impacts of Concurrent Implementation of Bioenergy and Biofuel Policies in the United States on Land Use, Agricultural Commodity Markets, and Biofuel Industry”
6. Chen, X. and H. Önal. 2012. “A Large Scale Economic Equilibrium Model for US Biofuels Industry and a Decomposition-Based Solution Method”.
7. Chen, X. and L. Li. 2012. “Costs of Maintaining the Conservation Reserve Program in Illinois in the Presence of Biofuels”

WORK IN PROGRESS

8. Chen, X. and M. Khanna “Optimal Environmental Policies in the Presence of Knowledge Spillovers”

PRESENTATIONS

2012: AERE Summer meeting, Center for Chinese Agricultural Policy (CCAP)

2011: RUTGERS, AERE summer meeting

2010: AERE session in AEA Meetings, Camp Resources, AAEA Annual Meeting, C-U Environmental and Resource Economics Workshop

2009: AAEA Annual Meeting, Peking University

PROFESSIONAL SERVICES

Referee: *Journal of Agricultural and Applied Economics, Energy Policy*

REFERENCES

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