

YUJUN ZHOU

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DISSERTATION TITLE: "Food Security and Weather Shocks in Sub-Saharan Africa"

Expected Date of Completion: May 2019
Principal Advisor: Kathy Baylis

PRE-DOCTORAL STUDIES:	DEGREE:	DATE:	FIELD:
University of California Davis	M.S.	2014	Agricultural and Applied Economics
Nanjing University, China	B.A.	2013	Trade Economics

FIELDS OF CONCENTRATION:

PRIMARY

Development economics
Applied Econometrics

SECONDARY

International Trade
Price analysis

WORKING PAPERS:

1. "A Prototype for Predicting Food Insecurity Using Readily Available Data" with Erin Lentz, Hope Michelson, and Kathy Baylis, *submitted, Proceedings of the National Academy of Sciences*
2. "Maize Price Volatility and Export Ban: Evidence from Zambia" with Kathy Baylis

RESEARCH IN PROGRESS

1. "Predicting Food Insecurity in Sub-Saharan Africa using Machine Learning" with Kathy Baylis
2. "Food Security Metrics: The Understudied Role of Stability and its Implications for Resilience" with Joseph Murray and Kathy Baylis
3. "Trade and Food Security: Safety Net against Weather Shocks" with Ben Crost and Kathy Baylis

TEACHING EXPERIENCE:

1. Fall 2016/2017, ACE 455: International Trade in Food and Agriculture (undergraduate and graduate)
2. Spring 2017/2018, ACE 451: Agriculture in International Development (undergraduate and graduate)

CONFERENCE AND WORKSHOP PRESENTATIONS:

1. Ph.D. Seminar, Department of ACE, UIUC. "Weather Shocks and Food Security in Developing Countries" (April 2017)
2. Ph.D. Seminar, Department of ACE, UIUC. "Predicting Food Insecurity with Machine Learning" (April 2018)

UNDERGRADUATE RESEARCH ADVISED

1. Spring 2016, Yufei Zhang, "Global Food Price Volatility and Trade Flows"
2. Fall 2016 - Spring 2017, Liangyuan Yu, "Transportation Cost and Maize Prices in Rural Zambia"
3. Spring 2017, Thomas Poole, "A Suitable Crop Model for Weather Shocks in Sub-Saharan Africa"
4. Fall 2017-Spring 2018, Husain Kurawadwala, "Different Food Security Metrics"

OTHER INFORMATION:

Languages: English (Fluent), Chinese (Native)
Computer Skills: R, Python, STATA, ArcGIS, MATLAB, and LaTeX