

# Fahd Majeed

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## Education

Ongoing	DOCTOR OF PHILOSOPHY in Agriculture and Applied Economics, University of Illinois, Urbana, IL
2012	MASTER OF SCIENCE in Agriculture and Resource Economics, University of California, Berkeley, CA
2010	MASTER OF ARTS in Economics, Western Illinois University, Macomb, IL
2008	BACHELOR OF ARTS in Economics with minor in Computer Science, Western Illinois University, Macomb, IL

## Work Experience

2018-Present	Research Assistant, <i>Center for Advanced Bioenergy and Bioproducts Innovation</i> , Urbana, IL
2017-2018	Research Assistant, Agriculture and Consumer Economics, <i>University of Illinois</i> , Urbana, IL
2014-2017	Senior Research Assistant, <i>International Food Policy Research Institute</i> , Washington, D.C.
2011-2012	Graduate Student Instructor, <i>University of California</i> , Berkeley, CA
2010	Research Assistant, <i>Illinois Institute of Rural Affairs</i> , Macomb, IL
2009	Graduate Assistant, <i>Western Illinois University</i> , Macomb, IL

### RESEARCH EXPERIENCE DETAILS

2017-Present	<i>Agriculture and Consumer Economics Department</i> , University of Illinois, Urbana, IL, and <i>Center for Advanced Bioenergy and Bioproducts Innovation</i> , Urbana, IL <ul style="list-style-type: none"><li>• Work on projects in natural resource and environmental economics with a focus on renewable energy, agriculture, and risk topics under partial equilibrium, general equilibrium, and simulation frameworks</li></ul>
2014-2017	<i>Markets, Trade and Institutions Division - International Food Policy Research Institute</i> , Washington, D.C. <ul style="list-style-type: none"><li>• Worked on projects related to agricultural incentives, value chains, and partial equilibrium models for developing countries. Specific projects include:<ul style="list-style-type: none"><li>– <i>Integrated agriculture and renewable energy systems in India</i> - with co-author S. Tokgoz<ul style="list-style-type: none"><li>* Worked on partial equilibrium modeling of Indian agricultural, biofuels, energy markets</li><li>* Worked with S. Tokgoz in developing conceptual model on integrated system for major crops</li><li>* Collected, analyzed, documented, and processed primary and secondary data for India from various sources</li><li>* Wrote code in GAMS and as well as perform documentation of simulation model</li></ul></li><li>– <i>Measuring distortions to agricultural incentives</i> - with W. Martin, D. Laborde, and S. Tokgoz<ul style="list-style-type: none"><li>* Worked with IFPRI and other international organizations' teams for preparation of a consolidated global database of distortions in agricultural incentives by the Ag-Incentives consortium including FAO-MAFAP, IADB, World Bank, and OECD</li><li>* Wrote code to automate data collection, processing, and analysis of OECD PSE database</li><li>* Created manuals and documentations for use for written code</li><li>* Participated in exchanges and iteration with project partners at OECD for discussions on databases and consortium goals</li></ul></li></ul></li></ul>

- *A systematic and global assessment of the impact of CGIAR technologies on poverty* - with W. Martin, D. Laborde, and S. Tokgoz
  - \* Carried out detailed literature review, wrote reports, prepared tables, graphs, and presentations on the response of agricultural TFP to investments in R&D, particularly to CGIAR investments in R&D
  - \* Provided feedback and preliminary information to aid in design of Delphi survey used in project
- *Long term drivers of food and nutrition security* - IFPRI discussion paper with M. Torero, D. Laborde, and S. Tokgoz
  - \* Collected, analyzed, documented, and processed primary and secondary data
  - \* Contributed to writing of discussion paper with co-authors
  - \* Prepared tables and graphs from data collected and processed to be used in paper
- *Distortions to agricultural incentives in India: evidence from agricultural value chains* - with S. Tokgoz
  - \* Conceived a new methodology for measuring distortions to agricultural incentives across an entire value chain with co-author S. Tokgoz
  - \* Collected, analyzed, documented, and processed primary and secondary data for India
  - \* Wrote code to automate data collection, processing, and analysis (code written in VBA)
  - \* Wrote journal article published in JAE with co-author S. Tokgoz
  - \* Wrote conference paper for AAEEA 2016 conference with co-author S. Tokgoz
  - \* Wrote blogs reviewing and analyzing data and findings
- *Agricultural distortions and value chains in Africa* - with S. Tokgoz, G. Kassie, and others
  - \* Conducted preliminary investigation on selected value chains in Nigeria, Tanzania, and Ethiopia
  - \* Coordinated with S. Tokgoz in the development of a method to process prices at various points in the value chain as well as a mapping of sugar and oilseed complexes
  - \* Participated in meetings with researchers from ICARDA to discuss project details for value chain work in Ethiopia
  - \* Trainer in the IFPRI sponsored kick-off workshop for “*Agricultural Distortions across value chains in Africa*”
- *AGRODEP* - with S. Tokgoz and others
  - \* Contributed to development of and gave feedback on training tutorials and materials for GAMS lessons for AGRODEP members
  - \* Wrote literature review on agricultural incentives in developing countries
  - \* Prepared documents, tutorials, and wrote code for the IFPRI-AGRODEP sponsored training for “*Agricultural Distortions and Value Chains*”, held in Dakar, Senegal on September 1-3, 2015
- *India Food Security Portal* - with S. Tokgoz, S. Allen, and S. Kim
  - \* Collected, analyzed, documented, and processed primary and secondary data
  - \* Prepared databases of various prices for major crops for the Food Security Portal
  - \* Wrote blogs reviewing and analyzing data and findings

2012 *Center for Evaluation and Global Action, Berkeley, CA*

- Wrote report on education in Pakistan with a focus on primary and secondary education expenditure and infrastructure, and the role of state and non-state providers of education
- Wrote report on health care in Pakistan with an overview on historical and current state of health infrastructure and expenditure, and a focus on maternal, neonatal, and child health

2010 *Illinois Institute of Rural Affairs, Macomb, IL*

- Researched strategies for an entrepreneurial culture in rural Illinois communities
- Contributed to research reports on wind farms and concentrated animal farm operations
- Investigated deliberation and conflict resolution in agricultural vs. nonagricultural issues

## TEACHING EXPERIENCE DETAILS

- 2011-2012 Graduate Student Instructor, *University of California*, Berkeley, CA
- Two sections of Introduction to Economics (Econ 1) for B. DeLong
  - Two sections of Environmental Economics and Policy (EEP 1/Econ C3) for P. Berck
  - Two sections of Industrial Organization (Econ 121) for A. Dey
  - Two sections of Introduction to Economics (Econ 1) for M. Olney
- 2009 Graduate Assistant, *Western Illinois University*, Macomb, IL
- Two sections of Introduction to Economics (Econ 100) for G. Haynes

## Publications

### JOURNAL ARTICLES

- 2018 Tokgoz, S., and F. Majeed. "Measuring distortions to agricultural incentives for value chain analysis: evidence from Indian value chains" *Journal of Agricultural Economics*, October, 2018. <<https://doi.org/10.1111/1477-9552.12305>>
- Tokgoz, S., G. Kassie, F. Majeed, R. Solomon, B. Mulugeta, and B. Rischowsky, B. "Policy-induced price distortions along the small ruminant value chains in Ethiopia" *Journal of Agribusiness in Developing and Emerging Economies*. Forthcoming.

### DISCUSSION PAPERS

- 2018 Majeed, F., S. Tokgoz, S. Allen, and B. Paris. "Measuring distortions along Tanzanian agricultural value chains" *IFPRI Discussion Paper* 01748, May, 2018. <<http://www.ifpri.org/publication/measuring-distortions-along-tanzanian-agricultural-value-chains>>
- 2016 Laborde, D., F. Majeed, S. Tokgoz, and M. Torero. "Long-term drivers of food and nutrition security" *IFPRI Discussion Paper* 01531, May, 2016. <<http://www.ifpri.org/publication/long-term-drivers-food-and-nutrition-security-0>>

### CONFERENCE AND WORKSHOP PAPERS

- 2017 Martin, W., D. Laborde, S. Tokgoz, F. Majeed, and T. Lallemand. "The Ag-Incentives consortium database", at the *GTAP Conference on Global Economic Analysis*, West Lafayette, IN on June 7-9 2017. Presented by W. Martin. <[https://www.gtap.agecon.purdue.edu/resources/res\\_display.asp?RecordID=5369](https://www.gtap.agecon.purdue.edu/resources/res_display.asp?RecordID=5369)>
- 2016 Laborde, D., S. Tokgoz, F. Majeed, and T. Lallemand. "Towards a consolidated database of distortions agricultural incentives: the Ag-Incentives Consortium", at the Seventh *International Conference on Agricultural Statistics*, Rome, Italy on October 26-28 2016. Presented by S. Tokgoz. <<http://www.ifpri.org/publication/towards-consolidated-database-distortions-agricultural-incentives-ag-incentives>>
- 2016 Tokgoz, S., and F. Majeed. "Distortions to agricultural incentives in India: evidence from agricultural value chains". Selected Paper for the 2016 *Agricultural and Applied Economics Association Annual Meeting*, Boston, Massachusetts, July 31-August 2, 2016. <<http://purl.umn.edu/236087>>
- 2015 Tokgoz, S., and F. Majeed. "Agricultural Distortions and Value Chains", *IFPRI-AGRODEP* sponsored training in Dakar, Senegal on September 1-3, 2015. Presented by S. Tokgoz.

### OUTREACH PUBLICATIONS

- 2016 Majeed, F., S. Tokgoz, and B. Paris. "Distortions to agricultural incentives" *IFPRI Food Security Portal blog*, June 30, 2016. <<http://india.foodsecurityportal.org/regional-sub-portal-blog-entry/india/910>>
- 2015 Tokgoz, S., and F. Majeed. "Price transmission across value chains" *IFPRI Food Security Portal blog*, September 30, 2015. <<http://india.foodsecurityportal.org/regional-sub-portal-blog-entry/india/453>>

## Presentations and Outreach

### PRESENTATIONS

- 2016 IFPRI Markets Trade and Institutions Work in Progress seminar “Distortions to agricultural incentives in India: evidence from agricultural value chains”, Washington, D.C., July 22

### TRAINING

- 2016 Trainer in the IFPRI sponsored kick-off workshop for “Agricultural distortions across value chains in Africa”, Washington, D.C., May 23-24

## Referee Work

- 2015 *ERS Report - MS 468*: “Climate impacts, socioeconomic assumptions, and the ERS International Food Security model”, with S. Tokgoz
- 2015 *Energy Economics*: “The impact of changes in fuel policies on the Brazilian economy”, with S. Tokgoz
- 2014 *Land Economics*: “Conversion of grassland to cropland in rain-fed versus irrigated agriculture: the case of Nebraska”, with S. Tokgoz

## Skills

*Languages*: Fluent in English, and Urdu

*Computing Skills*: MATLAB, GAMS, VBA, Stata,  $\LaTeX$ , ArcGIS, Python, C++, Linux