

- CONTACT** 403 West State St. Krannert Building, Office 553 hchanna@purdue.edu  
West Lafayette, IN 47907
- EDUCATION** **Purdue University, IN**
- Ph.D. Candidate, Agricultural Economics, (Expected May 2019)
- Dissertation (in progress): Behavioral responses to post-harvest challenges in East Africa: learning from field experiments.
  - Committee: Jacob Ricker-Gilbert (Chair), Joseph V. Balagtas, Evan Calford, Jonathan Bauchet, Gerald E Shively.
- Cornell University, NY**
- M.S., Applied Economics and Management, 2013
- Thesis: Scalability of remotely sensed livestock insurance in East Africa.
  - Committee: Joshua Woodard (Chair), Calum Turvey.
  - Fulbright scholar.
- Institute of Business Administration, Pakistan**
- Bachelors in Business Administration, 2010
- PEER REVIEWED PUBLICATIONS**
- Channa, Hira.** “Potential for Index Insurance in Barani Areas of Pakistan.” *Pakistan Journal of Applied Economic*. 28, no.1 (2018): 1-17.
- Zafar, Syed Nabeel, Adil A. Shah, **Channa, Hira**, Mustafa Raoof, Lori Wilson, and Nabil Wasif. “Comparison of rates and outcomes of readmission to index vs nonindex hospitals after major cancer surgery.” *JAMA surgery* (2018).
- Mekonnen, Dawit K., **Channa, Hira** and Ringler Claudia. “The impact of water users’ associations on the productivity of irrigated agriculture in Pakistani Punjab.” *Water international* 40, no. 5-6 (2015): 733-747.
- Kong, Rong, Calum Greig Turvey, **Channa Hira**, and Yanling Peng. “Factors affecting farmers’ participation in China’s group guarantee lending program.” *China Agricultural Economic Review* 7, no. 1 (2015): 45-64.
- BOOK CHAPTER**
- Ali Mubarik, Ahmed Faryal, **Channa, Hira**, Davies Stephen, 2014. “Pakistan’s Fertilizer Sector: Structure, Policies, Performance and Impacts”. In *Agriculture and Rural Poverty Reduction in Pakistan*, D.J. Spielman, S.J. Malik, P. Dorosh, and N. Ahmed, eds. Philadelphia: University of Pennsylvania Press.
- WORKS IN PROGRESS**
- Channa, Hira**, Amy Z. Chen, Patricia Pina, Jacob Ricker-Gilbert, Daniel Stein. 2018 “What drives smallholder farmers’ willingness to pay for a new farm technology? Evidence from an experimental auction in Kenya.” *Revise and Resubmit at Food Policy*
- Channa, Hira**, Jacob Ricker-Gilbert, Hugo De Groote, Jonathan Bauchet. 2018 “Willingness to pay for a new farm technology given risk preferences: Learning from an experimental auction.” *In preparation*

	<p><b>Channa, Hira</b>, Jacob Ricker-Gilbert, Feleke Shiferaw, Tahirou Abdoulaye. 2018 “Helping Smallholder Farmers Make the Most of Maize through Loans and Storage Technology: Insights from a Randomized Control Trial in Tanzania.” <i>In preparation</i></p> <p>Mekonnen Dawit, <b>Channa, Hira</b> Haile Belyou, and Ringle Claudia. 2018. “Where to invest in the Indus Basin Irrigation System in Pakistan to improve land and water productivity? Insights from a hierarchical model.” <i>In preparation</i></p>
OTHER PUBLICATIONS	<p>John H. Sanders, Abou Berthe, Botorou Ouendeba, <b>Channa, Hira</b>, 2015. “Development of Sorghum and Millet Production Systems in Mali and Burkina Faso.” In <i>In Development of Sorghum and Millet Production Systems in Mali and Burkina Faso</i>, John H Sanders, Botorou Ouendeba, Ababacar Ndoye, Soungalo Traore and Niaba Teme, eds. West Lafayette Purdue University.</p>
RESEARCH AND PROFESSIONAL EXPERIENCE	<p><b>Research Assistant</b> <span style="float: right;">December 2016-Present</span></p> <ul style="list-style-type: none"> <li>• Department of Agricultural Economics</li> <li>• Purdue University</li> <li>• Supervisor: Jacob Ricker-Gilbert.</li> <li>• Designing and managing field experiments in Kenya and Africa related to post-harvest issues Africa and academic audiences.</li> <li>• Synthesizing results and communicating findings to USAID, agricultural entrepreneurs in Eastern Africa and academic audiences.</li> </ul> <p><b>Teaching Assistant</b> <span style="float: right;">2014 - 2015</span></p> <ul style="list-style-type: none"> <li>• Agec 552 Introduction to Mathematical Programming</li> <li>• Purdue University</li> <li>• Supervisor: Dr. Paul Preckel</li> <li>• Grading, tutoring and assisting with lab sessions.</li> </ul> <p><b>Research Analyst</b> <span style="float: right;">July 2013-July 2015</span></p> <ul style="list-style-type: none"> <li>• Pakistan Strategy Support Program, International Food Policy Research Institute (IFPRI), Islamabad, Pakistan</li> <li>• Supervisors: Dr. Stephen Davies, Dr. Mubarak Ali</li> <li>• Part of the core team evaluating Pakistan’s fertilizer policy for the Ministry of Planning with recommendations leading to budget reallocations</li> <li>• Worked on research projects connected to participatory irrigation systems, agriculture credit, and seed markets.</li> <li>• Coordinated a team of 85 researchers to conduct a plot-level production survey of 1010 agricultural households across Pakistan.</li> <li>• Engaged in the collection, cleaning and merging of three rounds of the Pakistan Rural Household Panel Survey (2090 households).</li> </ul> <p><b>Management Trainee</b> <span style="float: right;">September 2010-July 2011</span></p> <ul style="list-style-type: none"> <li>• Standard Chartered Bank, Karachi, Pakistan.</li> <li>• Evaluated existing operational process flows and prepared reports.</li> </ul>
SCHOLARSHIPS AND AWARDS	<ul style="list-style-type: none"> <li>• 2017 Purdue University’s Jim and Neta Hicks Small Grants Program. \$5,000 USD.</li> <li>• Fulbright Scholarship. 2011-2013.</li> <li>• Higher Education Commission Pakistan-Merit Scholar. 2006-2010.</li> </ul>
PRESENTATIONS	<ul style="list-style-type: none"> <li>• 2018 : Agriculture and Applied Economics Association (AAEA) Annual Meetings. Washington D.C.</li> <li>• 2018 : International Association of Agricultural Economists Conference, Vancouver Canada.</li> <li>• 2018 : Agrilinks Seminar, Washington D.C. (Invited Seminar)</li> <li>• 2017 : Talk to ag-entrepreneur on scaling of moisture meters. Kenya, Nairobi.</li> <li>• 2017 : AAEA Annual Meetings. Chicago, IL. (Poster)</li> </ul>

- SERVICE
- Elected treasurer. Agriculture Economics Graduate Students Organization. Purdue University. 2018-2019.
- COMPUTING SKILLS
- R, Stata, GAMS, ArcGIS(basic).
- LANGUAGES
- English (fluent), Urdu (native), Sindhi (native),Hindi (fluency only spoken)
- REFERENCES
- Jacob Ricker-Gilbert  
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- Gerald E. Shively  
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