

# ANWAR NASEEM

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## CURRENT EMPLOYMENT

**Rutgers University**, New Brunswick, NJ, USA  
*Associate Research Professor*,  
Dept. of Agriculture, Food and Resource Economics 9/14-present

## PREVIOUS EMPLOYMENT

**McGill University**, Macdonald Campus, Ste-Anne-de-Bellevue, QC, Canada  
*Assistant Professor*, Dept. of Natural Resource Sciences 6/06-8/14

*Assistant Professor*, Dept. of Agricultural Economics / Dept. of Plant Sciences 1/06-6/06

**International Food Policy Research Institute**, Washington, DC, USA  
*Postdoctoral Fellow*, ISNAR Division (based in Addis Ababa, Ethiopia) 3/05-12/05

**Rutgers University**, New Brunswick, NJ, USA  
*Research Associate*, Dept. of Agriculture, Food and Resource Economics 2/01-12/04

## EDUCATION

**Michigan State University**, East Lansing, MI, USA 6/02  
*Ph.D., Agricultural Economics*

Dissertation Title: "Essays on Mixed Oligopoly and Agricultural R&D"

*M.A., Economics* 5/98

**University of Pennsylvania**, Philadelphia, PA, USA 5/95  
*M.Sc., Program in International Development and Appropriate Technology*

**McGill University**, Montreal, QC, Canada 6/91  
*B.Sc.*

## HONORS

MSU/Ford Foundation pre-dissertation fellowship for field study in the Philippines (5/99)  
The World Bank, Summer Research Assistant (5/98-7/98)  
Partial tuition scholarship at University of Pennsylvania (8/93-12/94)

## RESEARCH

### *Journal Publications*

1. Nsabimana, A., F. Niyitanga, F., D.D. Weatherspoon, D. D., and **A Naseem** (2021).” Land Policy and Food Prices: Evidence from a Land Consolidation Program in Rwanda.” *Journal of Agricultural & Food Industrial Organization*. 19(1):3-14 doi.org/10.1515/jafio-2021-0010
2. Anderson, J. R., R. Birner, L. Nagarajan, **A. Naseem**, and C.E. Pray (2021). “Private Agricultural R&D: Do the Poor Benefit?”. *Journal of Agricultural & Food Industrial Organization*. 19(1). 63-73 doi.org/10.1515/jafio-2021-0007
3. Anderson, J. R., L. Nagarajan, A. Naseem, C.E Pray, and T.A Reardon (2020). “New Corona Virus, Food Security and Identifying Policy Options. *Wiś i Rolnictwo*,” 4(189): 77-88.
4. Nagarajan, L, **A. Naseem** and C. Pray (2019) “Contribution of Policy Change on Maize Varietal Development and Yields in Kenya” *Journal of Agribusiness in Developing and Emerging Economies*, 9(1):4-21
5. Pray, C, L. Nagarajan and **A. Naseem** (2018)” The Role of Multinational Corporations in the Supply of Agricultural Production Technology to China & India” *World Food Policy* 4(2):19-30. doi:10.18278/wfp.4.2.3
6. Moss, C.B., S. Mbaye, **A. Naseem** and J.F. Oehmke (2018) “Did the Plan Sénégal Emergent Affect Cropping Decisions in the Senegal River Basin?” *Economies* 6(3):42 doi:10.3390/economies6030042
7. Weatherspoon, D.D., M. Steele-Adjognon, F. Niyitanga, J.P. Dushimumuremyi, **A. Naseem**, and J. Oehmke (2017) “Food Expenditure Patterns, Preferences, Policy, and Access of Rwandan Households” *British Food Journal* 119(6):1202-1215
8. Nagarajan, L, **A. Naseem** and C. Pray (2016) “The Political Economy of Genetically Modified Maize in Kenya” *AgBioforum* 19(2): 198-214.
9. Smyth, S and **A. Naseem** (2016) “Introduction to *AgBioForum* Special Issue of the 19th ICABR Conference” *AgBioforum* 19(2): 85-87.
10. Oehmke, J and **A. Naseem** (2016) “M&As, Market Structure and Inventive Activity in the Agricultural Biotechnology Industry.” *Journal of Agricultural, Food and Industrial Organization* 14(1):19-32.
11. Nagarajan, L, C. Pray and **A. Naseem** (2015) “Empirical Analysis on the Impact of Private-sector R&D on Cotton Productivity in India” *AgBioForum* 18(2): 182-192.
12. **Naseem, A.** and R. Singla, (2013) ““Ex-Ante Economic Impact Analysis of Novel Traits in Canola” *Journal of Agricultural and Resource Economics* 38(2):248:268.
13. **Naseem, A.** Mhlanga, S., A. Diagne, P.Y. Adegbola and G.S. Midingoyi (2013) “Economic Analysis of Consumer Choices Based on Rice Attributes in the Food Markets of West Africa – The Case of Benin” *Food Security*, 5(4):575-589.
14. Toor, I., E.G. Smith, J.K. Whalen, and **A. Naseem** (2012) “Tree Based Intercropping in Southern Ontario, Canada” *Canadian Journal of Agricultural Economics*, 60(2):141-154.

15. **Naseem, A.**, Spielman, D.J. and S. W. Omamo (2010) “Private Sector Investment in R&D: A Review of Policy Options to Promote its Growth in Developing-Country Agriculture” *Agribusiness*, 26(1):143-173.
16. Pray, C.E. and **A. Naseem** (2007) “Supplying Crop Biotechnologies to the Poor—Opportunities and Constraints” *Journal of Development Studies*, 43(1):192-217.
17. Pray, C.E, J.F. Oehmke and **A. Naseem** (2005) “Innovation and Dynamic Efficiency in Plant Biotechnology: An Introduction to the Researchable Issues” *AgBioForum*, 8(2&3), 52-63.
18. Brennan, M., C.E. Pray, **A. Naseem** and J.F. Oehmke (2005) “An Innovation Market Approach to Analyzing Impacts of Mergers and Acquisitions in the Plant Biotechnology Industry” *AgBioForum*, 8(2&3):89-99.
19. **Naseem, A.**, J.F. Oehmke, and D.E. Schimmelpfennig (2005) “Does Plant Variety Intellectual Property Protection Improve Farm Productivity? Evidence From Cotton Varieties” *AgBioForum*, 8(2&3):100-107.
20. Pray, C.E and **A. Naseem** (2005) “Intellectual Property Rights on Research Tools: Incentives or Barriers to Innovation? Case Studies of Rice Genomics and Plant Transformation Technologies” *AgBioForum*, 8(2&3):108-117.
21. Schimmelpfennig, D., J.K. King and **A. Naseem** (2003) “Intellectual Capital in a Q-Theory of Agbiotech Mergers” *American Journal of Agricultural Economics*, 85(5):1275-1282.
22. King, J.K., N. Wilson and **A. Naseem** (2002) "A Tale of Two Mergers: What We Can Learn from Agricultural Biotechnology Event Studies?" *Agbioforum*, 5(1):14-19.
23. Oehmke, J., D. Weatherspoon, C. Wolf, M. Maredia, **A. Naseem** and A. Hightower (2002) “Is Agriculture Still a Public Good?” *Agribusiness*, 16(1):68-81.
24. Maredia, M, F. Erbisch, **A. Naseem**, A. Hightower, J. Oehmke, D. Weatherspoon, C. Wolf (1999) “Public Agricultural Research and the Protection of Intellectual Property Rights: Issues and Options.” *AgBioForum*, 2(3&4):247-252.

#### *Book Chapters*

1. Birner, R, **A. Naseem**, J. Anderson, and C. Pray (2018) Fostering Political Will to Drive Agricultural Transformation in AGRA (ed) *Africa Agriculture Status Report: Catalyzing Government Capacity to Drive Agricultural Transformation (Issue 6)*. Nairobi, Kenya: Alliance for a Green Revolution in Africa (AGRA)
2. Nagarajan, L, C. Pray and A. Naseem (2018) “Empirical Analysis on the Impact of Private-sector R&D on Cotton Productivity in India” in N. Chandrasekhara Rao, Carl E. Pray and Ronald J. Herring (eds) *Biotechnology for a Second Green Revolution in India: Socioeconomic, Political, and Public Policy Issues* Academic Foundation Press: New Delhi.
3. Pray, C.E , J. Huang, J. Yang, R. Hu, L. Nagarajan, **A. Naseem**, G. Hochman, B. Ramaswami, and S. Bhuyan. (2015) “The Politics and Economics of Genetically Modified (GM) Food Production in China, India, and Kenya” in *Insights: Africa’s Future...Can Biosciences Contribute?* Banson/B4FA
4. **Naseem, A.** and L. Nagarajan (2014) “Biotechnology and the Inputs Industry” in S. Smyth, D. Castle and P. W. B. Phillips (eds) *Handbook on Agriculture, Biotechnology and Development* Edward Elgar Publishing, Cheltenham, UK.
5. Pray, C.E. and **A. Naseem** (2007) “Supplying Crop Biotechnologies to the Poor—Opportunities and Constraints” in R.J. Herring *Transgenics and the Poor* Routledge, London and New York.

6. Pray, C.E. and **A. Naseem** (2007) "The Economics of Agricultural Biotechnology Research" In Robert E Evenson, and Terri Raney (eds.). *The Political Economy of Genetically Modified Foods, Critical Writings in Agricultural Economics*, Edward Elgar Publishing, Cheltenham, UK.
7. Pray, C.E. and **A. Naseem** (2005) "Economic Impact Analysis of GMOs: Implications for Food Crops in Developing Countries" In V.L. Chopra, S. Shantharam, and R.P. Sharma (eds.) *Biosafety of Transgenic Rice*, National Academy of Agricultural Sciences, New Delhi, 2005.
8. Kelly, V and **A. Naseem** (2006) "Fertilizer Use in Sub-Saharan Africa: Types and Amounts" in R. Lal (ed.) *Agricultural Sciences* in Encyclopedia of Life Support Systems (EOLSS), Developed under the Auspices of the UNESCO, Eolss Publishers, Oxford, UK, [<http://www.eolss.net>]
9. Toole, A. and **A. Naseem** (2004) "Leveraging Public Investments with Private Sector Partnerships: A Review of the Economics Literature" in M. McGeary and K.E. Hanna (eds.) *Strategies to Leverage Research Funding: Guiding DOD's Peer Reviewed Medical Research Programs*, Institute of Medicine of the National Academies, The National Academies Press, Washington, DC, 2004.
10. **Naseem, A** and C.E. Pray (2004) "Economic Impact Analysis of Genetically Modified Plants" In P. Christou and H. Klee (eds.) *Handbook of Plant Biotechnology* John Wiley & Sons, Hoboken, NJ
11. **Naseem, A** and J.F. Oehmke (2004) "Should the Public Sector Conduct Genomic Research?" In R.E. Evenson and V. Santaniello, (eds.), *The Regulation of Agricultural Biotechnology* CABI Publishing, Oxfordshire, UK.
12. Oehmke, J.F. C.A. Wolf, K.C. Raper and **A. Naseem** (2004) "Agricultural Biotech R&D Structure: Cyclical or Not?" In R.E. Evenson and V. Santaniello (eds.), *The Regulation of Agricultural Biotechnology* CABI Publishing, Oxfordshire, UK.
13. Klotz-Ingram, C, **A. Naseem**, D. Schimmelpfennig, J. King and C. Pray (2004) "How Firm Characteristics Influence Innovative Activity in Agricultural Biotechnology" in R.E. Evenson and V. Santaniello, (eds.), *The Regulation of Agricultural Biotechnology* CABI Publishing, Oxfordshire, UK.

*Book Review; Conference Reports*

1. **Naseem, A** (2016) "Review of Matin Qaim Genetically Modified Crops and Agricultural Development." *American Journal of Agricultural Economics* 98(5):1561-1564
2. **Naseem, A**, C.E. Pray and J.F. Oehmke (2015) "Technical convening on smallholder agricultural transformation, Arlington, VA, USA, May 7–8, 2015" *Food Security*. 7(6): 1337-1340.
3. **Naseem, A** and L. Nagarajan (2013) "Review of J.S.G. Zivin and J.M. Perloff (eds) *The Intended and Unintended Effects of U.S. Agricultural & Biotechnology Policies*", *Agribusiness*. 29(2):256-258
4. **Naseem, A** (2006) "Review of Jayantha Perera *Irrigation Development and Agrarian Change: A Study of Sindh, Pakistan*" Economic History Services, URL : <http://eh.net/bookreviews/library/1075.shtml>
5. **Naseem, A** (2005) "Review of Mark L Winston *Travels in the Genetically Modified Zone*" *Agribusiness* 20(1):125-128.

*Invited and Conference Presentations*

2021: ICABR, AAEA  
 2019: ICABR (Ravello)  
 2018: AAEA (Washington, DC), ICABR (Washington, DC), ICAE (Vancouver, BC)  
 2017: AAEA (Chicago), ICABR (Berkeley), ICAAT (Rutgers), ICABR/SITES (Rome)  
 2016: FAO (Rome), AAEA (Boston), ICABR (Ravello)  
 2015: EU-JRC (Seville), AAEA (San Francisco), ICABR (Ravello)

2014: Rutgers-DAFRE, NC-1032 (UC-Davis)  
 2013: McGill-FAES, AAEA (Washington), ICABR (Ravello)  
 2012: PARC (Islamabad), Genome Canada (Vancouver), ICABR (Ravello)  
 2011: ICABR (Ravello), CAES (Banff), AAEA (Pittsburgh)  
 2010: SSHRC (Ottawa), IAAE (Foz do Iguacu), ICABR (Ravello)  
 2009: ICABR (Ravello)  
 2008: EWB Conference (Montreal), McCains Foods (Montreal), AAEA (Orlando), CAES (Quebec City) ICABR (Ravello)  
 2007: CAES (Portland), ICABR (Ravello)  
 2006: Farm Foundation (Washington), AAEA (Orlando)  
 2005: University of Arid Agriculture (Rawalpindi), AAEA (Providence)  
 2004: AAEA (Denver), RTI (Research Triangle Park), McGill-FAES  
 2003: IFPRI (Washington, DC), Cornell, Rutgers-DAFRE, AAEA (Montreal)  
 2002: AAEA (Long Beach), RTI (Research Triangle Park)

*External grants where I am the PI or co-PI (bracketed amount indicates allocation when co-PI)*

2014-2021	USAID/USDA/Kansas State “A research strategy to understand the impacts and impact pathways of food, agricultural and nutrition policies in Feed the Future (FtF) countries	\$1 mi/yr (\$150,000)
2010-2011	Canadian Agricultural Innovation Research Network (CAIRN) “Analysis of Economic Returns to Genomics Research on Crop Breeding”	\$17,000
2009-2014	Genome Canada “Bridging comparative, population and functional genomics to identify and experimentally validate novel regulatory regions and genes for crop improvement”	\$5,000,311 (\$219,112)
2008-2011	Bill and Melinda Gates Foundation “Measuring Private Research and Innovation in South Asia and Sub-Saharan Africa”	\$499,396 (\$40,000)
2008-2011	Canadian International Development Agency (CIDA) “Improving Rice Processing Strategies for Food Security in West Africa”	\$225,000 (\$15,000)
2008-2009	Social Science and Humanities Research Council (SSHRC) “Public-Private Research Partnerships: Evaluating Agriculture and Agri-Food Canada’s (AAFC) Matching Investment Initiative (MII) Supported Research”	\$24,500
2007-2009	United States Department of Agriculture (USDA) “Globalization of Private Agricultural Research”	\$100,000 (\$15,000)
2007-2009	Ministère de l’Agriculture, des Pêcheries et de l’Alimentation (MAPAQ) “Impact de la régie sur la valeur nutraceutique du soja”	\$95,000 (\$24,500)

## TEACHING

### *Rutgers*

2018 Environmental Economics  
 2016-18 International Agricultural Development (joint with Carl Pray)  
 2014 Intermediate Microeconomics

### *McGill*

2012, 2013 Cost-Benefit Analysis  
 2007-13 Economics of International Agricultural Development  
 2007-13 Principles of Microeconomics  
 2009 Environment and Society (co-taught)  
 2006, 2010 Principles of Macroeconomics  
 2006 Economics of Bioscience Policy

PROFESSIONAL ACTIVITIES

*Referee For:*

*American Journal of Agricultural Economics, Applied Economic Perspectives and Policy, AgBioforum, Agricultural Economics, Canadian Journal of Agricultural Economics, Environment and Development Economics, Food Security, IFAMA Journal, International Journal of Public Policy, Journal of Agriculture and Applied Economics, Journal of Agriculture Food and Industrial Organization, Journal of Human Development and Capability, Latin American Economic Review, Latin American Research Review, PLoS One, Review of Agricultural Economics, Science, World Development*

*Professional Service:*

External evaluator for various courses run by the African Economic Research Consortium (AERC)

Member of the Program Committee for the annual meetings of ICABR

External expert for the 2004 and 2017 State of the Food and Agricultural Report (FAO)

Member of Research Oversight Committee for a Genome Canada funded project