

ANWAR NASEEM

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CURRENT EMPLOYMENT

Rutgers University, New Brunswick, NJ
Associate Research Professor, Agriculture, Food and Resource Economics 9/14-present

PREVIOUS EMPLOYMENT

McGill University, Macdonald Campus, Ste-Anne-de-Bellevue, Quebec
Assistant Professor, Department of Natural Resource Sciences 6/06-8/14
Assistant Professor, Department of Agricultural Economics / Department of Plant Sciences 1/06-6/06

International Food Policy Research Institute, Addis Ababa, Ethiopia
Postdoctoral Fellow, ISNAR Division 3/05-12/05

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

EDUCATION

Michigan State University, East Lansing, MI 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 5/95
M.Sc., Program in International Development and Appropriate Technology

McGill University, Montreal, QC 6/91
B.Sc., Microbiology and Biotechnology

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. 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
2. Nagarajan, L, **A. Naseem** and C. Pray (2016) “The Political Economy of Genetically Modified Maize in Kenya” *AgBioforum* 19(2): 198–214.
3. Smyth, S and **A. Naseem** (2016) “Introduction to AgBioForum Special Issue of the 19th ICABR Conference” *AgBioforum* 19(2): 85–87.
4. 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.
5. 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.
6. **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.
7. **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.
8. 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.
9. **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.
10. Pray, C.E. and **A. Naseem** (2007) “Supplying Crop Biotechnologies to the Poor—Opportunities and Constraints” *Journal of Development Studies*, 43(1):192–217.
11. 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.

12. 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.
13. **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.
14. 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.
15. 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.
16. 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.
17. 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.
18. 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. 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
2. **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.
3. 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.
4. 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.

5. 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.
6. 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>]
7. 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.
8. **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
9. **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.
10. 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.
11. 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

- 2017: AAEA (Chicago), ICABR (Berkeley)
 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)

2014–2019	USAID/USDA “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
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)	\$100,000

2007–2009	“Globalization of Private Agricultural Research” Ministère de l’Agriculture, des Pêcheries et de l’Alimentation (MAPAQ)	(\$15,000) \$95,000 (\$24,500)
	“Impact de la régie sur la valeur nutraceutique du soja”	

TEACHING*Rutgers*

2018	Environmental Economics
2016–17	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:*

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 Human Development and Capability, Latin American Economic Review, Latin American Research Review, PLoS One, Review of Agricultural Economics, Science, World Development

University Service:

Program Director for undergraduate program in International Agricultural Development (2009–2012);
Library committee (2006–2009); Search committee for Environmental Economic position (2010);

Professional Service:

Member of the Program Committee for the annual meetings of ICABR (2006–, served as chair during 2009–2010)