

NINA LILJA

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1. Education

- Ph.D. (1996) Agricultural Economics, Purdue University, IN, USA
Specialization in International Agricultural Development and International Trade
Thesis title: Technological change in agriculture and the welfare of women in southern Mali. Principal advisor: John Sanders
- M.Sc. (1992) Agricultural Economics, Univ. of Illinois at Champaign-Urbana, IL, USA
Thesis title: Evaluation of agricultural comparative advantage in the southwest region of Burkina Faso. Principal Advisor: Laurian Unnevehr
- B.A. (1987) World College West, CA, USA
Specialization in International Service and Development
Thesis title: Agricultural reform in China. Principal advisor: Jeff Unsicker
- Diploma (1987) Shanghai University, People's Republic of China

2. Professional Experience

Director

International Agricultural Programs, College of Agriculture/K-State Research and Extension, Kansas State University, USA

August 2008-present

As a Director of International Agricultural Programs for the Kansas State University College of Agriculture (COA) and K-State Research and Extension (KSRE), I am part of the College's Administrative Team and my role is to provide strategic planning, guidance and coordination to the college's international research activities.

My specific responsibilities include:

- Strategic planning for College's international activities; this includes evaluating and communicating opportunities for international programs and assisting in their development, and maintaining liaison with appropriate federal and international agencies, regional development banks, and private foundations funding research in the areas of agriculture, natural resources and environment;
- Providing leadership, encouraging and assisting faculty and staff in securing external funding for international programs, developing international contacts and linkages, and facilitating collaboration across departments and with universities in the U.S. and abroad;
- Developing grant proposals to generate funding for research/extension on the targeting of public sector agricultural research/extension to the needs of the poor in developing nations and research on ensuring their access to new technologies.

Senior Scientist, Impact Assessment and Evaluation
Consultative Group on International Agricultural Research (CGIAR)
Systemwide Program on Participatory Research and Gender Analysis for
Technology Development and Institutional Innovation (PRGA Program) /
International Center for Tropical Agriculture (CIAT), Colombia
June 1999 to July 2008

As a senior scientist in Impact Assessment and Evaluation my main responsibility was to lead and coordinate Program's impact assessment activities to evaluate agricultural research projects aimed at poverty alleviation. I typically conducted these activities by initiating and leading multi-disciplinary teams with one or more CGIAR centers and their partner organizations in order to develop appropriate impact assessment methods and tools, conduct empirical studies, and promote cross-center learning through impact assessment results.

My specific tasks included:

- Plan and conduct empirical (*ex ante* and *ex post*) studies on the impact of participatory natural resource management and plant breeding projects;
- Develop and disseminate tools and methods to enable scientists to capture impacts of crop technologies and management practices as well as innovation processes;
- Integrate learning from impact assessment into research planning and research priority-setting process.

Post-doctoral Fellow, Policy Economics
West Africa Rice Development Association (WARDA), Côte d'Ivoire
July 1997 to June 1999

I was fortunate to arrive at WARDA at a very exciting time in the institution's history. The NERICA, New Rice of Africa, had been developed by crossing the African and Asian species and it was ready for further varietal development through farmer evaluations.

My specific responsibilities were:

- Assist in multi-year and multi-location evaluations of NERICA at farmers fields and socio-economic data analysis;
- Assessment of specific gender implications of NERICA;
- Train WARDA's national partners in West Africa in participatory methods and gender analysis;
- Participate in NERICA field trial monitoring tours in West Africa.

Consultant, Impact Assessment
CGIAR Systemwide Program on Participatory Research and Gender Analysis
for Technology Development and Institutional Innovation (PRGA Program) /
International Center for Tropical Agriculture (CIAT), Colombia.
September 1997 to June 1998

I was responsible for organizing an International seminar in Quito, September 6-9, 1998. The central objective of the seminar was to understand the status of existing knowledge about the impact of various approaches using PRGA in agricultural or natural resource management. Over 100 researchers and development professionals attended the seminar. I was responsible for the overall planning and coordination of the workshop, including commissioning the papers presented at the workshop, and editing the book that resulted from the workshop.

Consultant, Agricultural Policy Analysis
Development Alternatives Inc. (DAI), Côte d'Ivoire
March–May 1997

I conducted agricultural policy analysis of the rice markets in Senegal.

Intern

Institut d'Economie Rurale, Sikasso, Mali
March–July 1995

I conducted field research in Mali assessing the impact of new cotton technologies on income and welfare of women. This research has been published in the *American Journal of Agricultural Economics* and *Agricultural Economics*.

Graduate Research Assistant

Department of Agricultural Economics, Purdue University, USA,
June 1992 to December 1996

I conducted research on intrahousehold resource allocation in West Africa, and price determination of in the U.S. tomato processing industry.

3. Teaching Experience

Graduate Teaching Assistant
Department of Agricultural Economics, University of Illinois, USA
January–December 1991

4. Management Training

Women's leadership training, sponsored by the CGIAR Gender and Diversity Program, conducted by Training Resources Group, Inc. at the International Water Management Institute, Sri Lanka, 2004.

5. Publications and Reports

A. Articles in professional journals

Dalton T; Lilja N; Johnson N; Howeler R. 2011. Farmer Participatory Research and Soil Conservation in Southeast Asian Cassava Systems. *World Development* (in press).

Lilja N; Kristjanson P; Watts J, 2010. Rethinking impact: Understanding the complexity of poverty and change – overview. *Development in Practice* 20(8), November.

Lilja N; Dixon J, 2008. Operationalizing participatory research and gender analysis: new research and assessment approaches. *Development in Practice* 18(4&5): 467-478.

- Lilja N; Bellon M, 2008. Some common questions about participatory research: A review of the literature. *Development in Practice* 18(4&5): 479-488
- Lilja N; Bellon M, 2008. Participatory research practice at the International Maize and Wheat Improvement Center (CIMMYT). *Development in Practice* 18(4&5): 590-598.
- Lilja N; Dixon J, 2008. Responding to the challenges of impact assessment of participatory research and gender analysis. *Experimental Agriculture* 44(1):3–19.
- Sanginga PC; Tumwine J; Lilja N. 2006. The dynamics of participation in farmers' research groups: Lessons from the highlands of southeastern Uganda. *Agricultural and Human Values* 23(4): 501-512.
- Johnson N; Lilja N; Ashby JA; Garcia JA, 2004. The practice of participatory research in natural resource management research. *Natural Resources Forum* 28: 189–200.
- Johnson N; Lilja N; Ashby JA, 2003. Measuring the impact of user participation in agricultural and natural resource management research. *Agricultural Systems* 78: 287–306.
- Lilja N; Sanders JH, 1998. Welfare impacts of technological change on women in Mali. *Agricultural Economics* 19 (1-2): 73–79.
- Lilja, N; Sanders JH; Durham; CA; De Groote H; Dembélé I, 1996. Factors influencing the payments to women in Malian agriculture. *American Journal of Agricultural Economics* 78 (5): 1340–1345.

B. Special issue journals edited

- Lilja N; Dixon J, 2011. Operationalizing participatory research and gender analysis: new research and assessment approaches. *Development in Practice* 18(4&5): 467-478.
- Lilja N; Kristjanson P; Watts J (Ed.), 2010. Rethinking impact: Understanding the complexity of poverty and change. (Special issue) *Development in Practice* 20(8) November (in press).
- Lilja N; Dixon J, 2008 (eds). Operationalizing participatory research and gender analysis. Special issue of *Development in Practice* 18(4&5), 202p.
- Lilja N; Dixon J, 2008 (eds). Responding to the challenges of impact assessment of participatory research and gender analysis. *Experimental Agriculture* 44(1), 127p.

C. Books and book chapters

- Dalton T; Lilja N; Johnson N; Howeler R, 2007. Impact of participatory natural resource management research in cassava-based cropping systems in Vietnam and Thailand. In: Zilberman D; Waibel H (ed.) *The Impact of Natural Resource Management Research in the CGIAR*. CABI International, Wallingford, UK.
- Lilja N; Ashby JA; Johnson N, 2004. Scaling up and out the impact of agricultural research with farmer participatory research. In: Pachico D (eds.) *Scaling Up and Out: Achieving Widespread Impact Through Agricultural Research*. Centro Internacional de Agricultura Tropical (CIAT), Cali, Colombia.
- Lilja N; Ashby JA, 2001. Overview: Assessing the impact of using participatory research and gender analysis”, pp. 1–22 in Lilja, N; Ashby J; Sperling L, (eds) 2001. *Assessing the impact of participatory research and gender analysis*. CGIAR Systemwide Program on Participatory Research and Gender Analysis (PRGA Program), Cali, Colombia. 294p.
- Lilja N; Ashby J; Sperling L, (eds) 2001. *Assessing the impact of participatory research and gender analysis*. CGIAR Systemwide Program on Participatory Research and Gender Analysis (PRGA Program), Cali, Colombia. 294p.

D. Monographs and other technical reports (editor review only)

- Knox A; Lilja N, 2004. Farmer research and extension. 20-20 Vision. International Food Policy Research Institute. Focus 11, Brief 14. In: *Collective Action and Property Rights for Sustainable Development* (Meinzen-Dick R; DiGregorio M, eds.).
- Lilja N, 1997. Technological Change in Agriculture and Welfare of Women in Southern Mali. *WID Information*, Vol. 17, No. 4.

E. Working papers and other research

- Kristjanson P; Lilja N. and J.Watts. 2008d. Rethinking Impact: Understanding the complexity of poverty and change. Summary. *ILAC Working Paper 6; PRGA Program Working Document no. 25; ILRI Innovation Works Discussion Paper no. 3*. Rome; Cali, Colombia; Nairobi, 16p.
- Lilja N; Bellon M, 2006. Participatory research projects at the International Maize and Wheat Improvement Center (CIMMYT). CGIAR Systemwide Program on Participatory Research and Gender Analysis (PRGA Program), Cali, Colombia and CIMMYT, Mexico, D.F. 43p.

- Averill D; Lilja N; Manners G, 2006. Participatory research and gender analysis in agricultural and natural resource management research: An annotated bibliography of selected literature. Version 1. Cali, Colombia: CGIAR Systemwide Program on Participatory Research and Gender Analysis for Technology Development and Institutional Innovation (PRGA Program), 59 p.
- Dalton T; Lilja N; Johnson N; Howeler R, 2005. Impact of participatory natural resource management research in cassava-based cropping systems in Vietnam and Thailand. *Working Document No. 23 (revised)*. CGIAR Systemwide Program on Participatory Research and Gender Analysis (PRGA Program), Cali, Colombia. 27p.
- Saad N; Lilja N; Fukuda W, 2005. Participatory cassava breeding in Northeast Brazil: Who adopts the new varieties and why? *Working Document No. 24*. CGIAR Systemwide Program on Participatory Research and Gender Analysis (PRGA Program), Cali, Colombia. 28p.
- Lilja N; Erenstein O, 2002. Institutional process impacts of participatory rice improvement and gender analysis research in West Africa. *Working Document No.20*, CGIAR Systemwide Program on Participatory Research and Gender Analysis (PRGA Program), Cali, Colombia.
- Sanginga PC; Lilja, N; Gurung B, 2001. Assessing the benefits of rural women's participation in natural resource management: Proceedings of the NRM small grants end-of-project workshop, Nov. 13–17, 2001. CGIAR Systemwide Program on Participatory Research and Gender Analysis (PRGA Program), Cali, Colombia. 64p.
- Johnson, N. and N. Lilja, 2001. Characterizing and Measuring the Effects of Incorporating Stakeholder Participation in Natural Resource Management Research: Analysis of Research Benefits and Costs in Three Case Studies. *Working Document 17*, CGIAR Systemwide Program on Participatory Research and Gender Analysis (PRGA Program), Cali, Colombia.
- Lilja, N.; Johnson, N. 2001. Guide to impact assessment of participatory research and gender analysis. *Working Document no. 7*, CGIAR Systemwide Program on Participatory Research and Gender Analysis (PRGA Program), Cali, Colombia. 63p.
- Sanginga PC; Lilja N; Tumwine J, 2001. Assessing the effectiveness of farmers' groups in participatory research in the Africa Highlands Initiative, Kabale, southwestern Uganda. *Working Document No. 19*, CGIAR Systemwide Program on Participatory Research and Gender Analysis (PRGA Program), Cali, Colombia.

Johnson N; Lilja N; Ashby JA, 2001. Using participatory research and gender analysis in natural resource management: A preliminary analysis of the PRGA inventory. *Working Document No. 10*, CGIAR Systemwide Program on Participatory Research and Gender Analysis (PRGA Program), Cali, Colombia.

Lilja N; Ashby JA, 1999. Types of gender analysis in participatory plant breeding and natural resource management research. *Working Document No. 8*, CGIAR Systemwide Program on Participatory Research and Gender Analysis (PRGA Program), Cali, Colombia.

Lilja N; Ashby JA, 1999. Types of participatory research based on locus of decision-making. *Working Document No. 6*, CGIAR Systemwide Program on Participatory Research and Gender Analysis (PRGA Program), Cali, Colombia.

F. Conference proceedings

Kristjanson P; Lilja N; Watts J; et al., 2008. Rethinking Impact: Understanding the Complexity of Poverty and Change – A Pre-Workshop Dialogue. Challenge Paper. Nairobi: International Livestock Research Institute, Cali, Colombia: PRGA Program, Rome: Institutional Learning and Change Initiative, 22p.

Kristjanson P; Lilja N; Watts J; et al., 2008. Rethinking Impact: Understanding the Complexity of Poverty and Change – A Pre-Workshop Dialogue. Initial Synthesis of Feedback. Nairobi: International Livestock Research Institute, Cali, Colombia: PRGA Program, Rome: Institutional Learning and Change Initiative, 44p.

Kristjanson P; Lilja N; Watts J; et al., 2008. Rethinking Impact: Understanding the Complexity of Poverty and Change – A Pre-Workshop Dialogue. Workshop Workbook. Nairobi: International Livestock Research Institute, Cali, Colombia: PRGA Program, Rome: Institutional Learning and Change Initiative, 84p.

Lilja N; Dixon J; Manners G, 2006. New avenues in impact assessment of participatory research: p 3-16 in: Lilja N; Dixon J; Manners G; La Rovere R; Hellin J; Sims Feldstein H (eds). *New Avenues in impact assessment of participatory research. Summary proceedings of the impact assessment workshop*, CIMMYT Headquarters, Texcoco, Mexico, October 19–21, 2005.

Kaaria S; Lilja N; Sandoval V; Garcia J; Hincapié F. Assessing impacts of farmer participatory research approaches: A case study of local agricultural research committees in Colombia, p 45-46 in: Lilja N; Dixon J; Manners G; La Rovere R; Hellin J; Sims Feldstein H (eds). *New Avenues in impact assessment of participatory research. Summary proceedings of the impact assessment workshop*, CIMMYT Headquarters, Texcoco, Mexico, October 19–21, 2005.

- Lilja N; Dixon J; Manners G; LaRovere R; Hellin J; Sims Feldstein H (eds) 2006. *New Avenues in Impact Assessment of Participatory Research and Gender Analysis*. Summary proceedings of the impact assessment workshop, CIMMYT Headquarters, Texcoco, Mexico, October 19-21, 2005.
- Twomlow S; Lilja N. 2004 The role of evaluation in successful integrated natural resource management. "New directions for a diverse planet". Proceedings of the 4th International Crop Science Congress, Brisbane, Australia, September 26 – October 1, 2004. Published on CDROM. (www.cropscience.org.au) 66p.
- Ashby J; Lilja N. 2004. Participatory research: Does it work? Evidence from participatory plant breeding. Proceedings of the 4th International Crop Science Congress, Brisbane, Australia, September 26 – October 1, 2004. Published on CDROM. (www.cropscience.org.au). 66p.
- Jones M; Dalton, T; Lilja N; Macaire D, 2000. Regional networks for participatory varietal selection: The generation and dissemination of impact oriented and demand driven technology. In: *Participatory Varietal Selection: Proceedings of the PRIGA Workshop, 17–21 April 2000*, WARDA Headquarters, Bouaké, Côte d'Ivoire.

G. Selected conference presentations

- Lilja N. Reframing impact assessment and evaluation. Keynote presentation at Impact Assessment Workshop, October 19-21, 2005, CIMMYT, Mexico, DF.
- Kaaria S; Lilja N; Sandoval V; Garcia J; Hincapié F. Assessing impacts of farmer participatory research approaches: A case study of local agricultural research committees in Colombia. Paper presented at Impact Assessment Workshop, October 19–21, 2005, CIMMYT, Mexico, D.F.
- Dalton T; Lilja N; Johnson N; Howeler R. Human capital accumulation and productivity improvements in Asian cassava systems: Are participatory research approaches beneficial? Contributed paper presented at the American Agricultural Economics Association meeting, July 24–27, 2005, Providence, Rhode Island, USA.
- Lilja, N; Johnson N; Dalton T; Howeler R. Impact of participatory natural resource management research in cassava-based cropping systems in Vietnam and Thailand. Paper presented at the SPIA Workshop on Natural Resource Management, IRRI, June 13, 2005, Los Baños, The Philippines.
- Ashby J; Lilja N. Participatory research: Does it work? Evidence from participatory plant breeding. Invited paper presented at the 4th International Crop Science Congress "New Directions for a Diverse Planet," September 26-October 1, 2004, Brisbane, Queensland, Australia.

- Twomlow S; Lilja N. The role of evaluation in successful integrated natural resource management. Invited paper presented at the 4th International Crop Science Congress "New Directions for a Diverse Planet," September 26-October 1, 2004, Brisbane, Queensland, Australia.
- Lilja N; Aw-Hassan A. Benefits and costs of participatory barley breeding in Syria. Background paper for poster presented at the 25th International Conference of IAAE, 16–22 August 2003, Durban, South Africa.
- Lilja, N. 2003. Quality and Impact of Participatory Research in the CGIAR. Presented at the 2002 PRGA Stakeholder Meeting, Hosted by the German Ministry for Economic Cooperation and Development (BMZ). April 22-23, 2002, Bonn, Germany.
- Johnson N; Lilja N; Ashby JA, Measuring the impact of user participation in agricultural and natural resource management research: Evidence from three case studies. Contributed paper, "Impacts of Agricultural Research and Development: Why Has Impact Assessment Research Not Made More of a Difference?" CGIAR's Standing Panel on Impact Assessment and CIMMYT, February 4-7, 2002. Jose, Costa Rica.
- Lilja, N; Dalton T. Developing African public goods: Rice varietal selection in Côte d'Ivoire. Organized Symposium, American Agricultural Economic Association Annual Meeting, 1998, Salt Lake City, Utah, USA.
- Lilja N; Sanders JH; Durham CA. Factors influencing the payments to women in Malian agriculture. Contributed Paper for the VIII EAAE Congress September 3–7, 1996, Edinburgh, UK.
- Lilja N; Sanders JH. Welfare impacts of technological change on women in Mali. Contributed paper presented at the XXIII International Conference of Agricultural Economists, August 10-16, 1997, Sacramento, CA, USA.
- Lilja N; Sanders JH; Durham CA; De Groote H; Dembélé I. Factors influencing the payments to women in Malian agriculture. Principal paper session. American Agricultural Economics Association Annual Meeting, 1996, San Antonio, Texas, USA.

Nina Lilja / Grant activity since August 2008 as Principal Investigator or co-PI

Funded proposals

Farmer Tested and Recommended Conservation Agricultural Practices for Improving Crop Productivity, Ecosystem Services and Rural Livelihoods in West Africa. P.V.V. Prasad, T.Dalton, N.Lilja, S.Staggenborg, K.Dhuyvetter, C. Rice, D.Presley, K.Garrett, A.Jumpponen, T.Selfa. (2009-2014). SANREM CRSP Long-Term Research Award – Phase IV. \$1,350,000.

Borlaug Science and Technology Fellowship Program (South Africa and Egypt). P.Vadlani, T.Phillips, N.Lilja. (2009). ~\$50,000.

Raising the Global Intelligence Quotient of U.S. Workforce via Food Security and Agricultural Value Addition in Mozambique. S. Alavi and N. Lilja (2011-2013). USDA, *International Science and Education Grant*. ~ \$150,000.

Pending proposals

Novel Sorghum-Based Fortified Blended Foods for Infants and Young Children. S.Alavi, N.Lilja, B.Linshield, S. Procter, E.Chambers. (2012-2014). USDA Micronutrient-Fortified Food Aid Products Pilot (MFFAPP) program. \$ 2,955,145.

Unfunded proposals

Kansas State-Zamorano International Education Program. M.Boland, N.Lilja, D.Boggs, D.Medeiros, S.Washburn. USDA, *International Science and Education Grant*. (2010-2012). ~\$150,000.

Development and Field Testing of a Novel, Pre-Cooked, High Protein Lentil Analog Product for Food Aid. S.Alavi. N.Lilja. K.Adhikari, D.Frey, G.Huber, C.Spangler. USDA Food and Nutrition Enhancement Program (FANEP) (2010-2012). \$2,000,300.

Improved Farmer Seed Storage Systems for Africa: Niger Pilot Project. P.V.V. Prasad, N.Lilja, E.Haque, D.Maier, S.Bahadriraju, T.Dalton, T.Phillips, J.Leslie. (2009-2011). USDA/ OFDA. \$942,575.

Malawi's Food and Agribusiness Efficiency through Professional Executive Distance Master of Agribusiness Education (A. Featherstone, lead PI). (2009-2011). USAID. \$420,000.

Borlaug Science and Technology Fellowship Program (South Africa). M.Boland and N.Lilja. (2009). ~\$25,000.

Borlaug Science and Technology Fellowship Program (Wheat Breeding, Algeria and Morocco). N.Lilja, B.Gill, E.Akhunov, G.Anderson, J.Bai, R.Oberst, R. Hesse, C.Hanlon, B.Debey. (2009). \$70,774

Hubert Humphrey host university proposal. N.Lilja. (2008-2012). International Institute of Education. \$860,000.

Nina Lilja / Grant activity since August 2008
Proposals facilitated but not as a PI or co-PI

Funded proposal facilitated

(2010) Global Assessment of Three INTSORMIL Activities. T.Dalton and J.Crespi .USAID, INTSORMIL, \$378,000.

(2010) Borlaug Science and Technology Fellowship Program for Indonesia, P.V.V. Pradad, PI. ~\$30,000.

(2010) Four Cochran fellowship proposals for India, Jordan, Nigeria, and Tajikistan, Submitted by Grain Science department/David Frey, PI. ~\$20,000 each.

(2009) Borlaug Science and Technology Fellowship Program for Philippines, P.Vadlani, PI. ~\$30,000.

(2009) Borlaug Science and Technology Fellowship Program for Indonesia, T.Tesso, PI. ~\$30,000.

Unfunded proposal facilitated

(2010) UNALM, INIA, KSU Partnership: Enhancing Scholarship through High-Quality Teaching and Research. USDA-FAS proposal for Peru with Washburn, Garrett, Boone and Hancock as co-PIs. (~\$150,000).

(2010) Two Borlaug Science and Technology Fellowship for India and Mali, P.V.V. Prasad and S.Bahadriraju. (~\$25,000 each).

(2010) Three USDA, International Science and Education (ISE) pre-proposals (Agronomy-Tesso; BAE- Mengler; Grain Science-Vadlani. (~\$150,000 each).

(2009) Africa-US Higher Education Initiative Planning Grant titled "Business, Agribusiness and Entrepreneurship: (Allen Featherstone lead PI et al.). USAID. ~ \$50,000.

(2009) Models for university engagement in AIDS-impacted communities in Kenya. Bill Hargrove, lead PI, ~\$50,000.

(2009) Borlaug Science and Technology Fellow Proposals for Morocco, Gary Anderson, Veterinary medicine, \$34,698.

(2009) Borlaug Science and Technology Fellow Proposal for South Africa. M. Boland, lead PI. ~\$30,000.

(2008) Borlaug Women in Science proposal development to host 4 women fellows from Kenya and Malawi, M.Boland and A. Featherstone as lead PIs. ~ \$120,000.