


Academic Staff Profile Template

1.1 Personal Profile

1.1.1 Personal Details

<p>Name: Macharia Ibrahim Ndegwa, Title/Qualification: PhD Department: Agricultural Economics Designation/Position: Chairman Email: macharia.ibrahim@ku.ac.ke/ Contact Address: 43844-00100 Area of Specialization: Social- economic and environmental impact assessment Research Interests: Social- economic and environmental impact of agricultural technologies, externalities of development project, the impact of climate change and agricultural sustainability, Environment and Natural Resource Economics. Google Scholar: ORCID ID: https://orcid.org/0000-0002-0154-8890?lang=en</p>	
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1.1.2 Academic & Professional Qualifications

- 2007- 2010: Ph.D. Major in Agricultural Economics, Leibniz University Hanover, Germany. Institute of Development and Agricultural Economics. Research topic: Negative Externalities of Pesticide Use in the Vegetable Sub- Sector in Kenya.
- 2005- 2005: M.Sc. Course work units in Agricultural and applied Economics, University of Nairobi, Kenya. Department of Agricultural Economics.
- 2002- 2004: M.Sc. Subject- Horticulture Economic, Jomo Kenyatta University of Agriculture and Technology, Kenya. Department of Horticulture. Research topic: Economic Impact Assessment of Classical Biological Control of Diamondback Moth in Cabbage production in Kenya.
- 1996- 2000: B.Sc. Horticulture, Jomo Kenyatta University of Agriculture and Technology, Kenya. Department of Horticulture.
- 2018: Certificate in HE Innovate Assessment Tools, Kenyatta University, Kenya.
- 2013: Certificate in Teaching Methodology, Kenyatta University, Kenya.
- 2012: Certificate in Student on Entrepreneurial Promotion (STEP), Kenyatta University, Kenya.
- 2006: Certificate in Standards and Trade: Challenges and Opportunities for Developing Agro-Food Trade, World Bank institute, USA.

1.1.2 Employment History

2011- Present: Senior Lecturer/ Chairman of Department of Agricultural Economics, Kenyatta university, Kenya.

- Provide academic and administrative leadership of the department.
- Train and supervise graduate and undergraduate students in the courses: Production Economics, Project Planning and Management, Environment and Natural Resource Management, Land Economics and consumer and producer theory.
- Develop research proposals, strategic plans and annual work plans for the department.

- Supervise post graduate research work.
- Coordinate research activities within the department.
- Curriculum development.
- External Examiner- Nairobi University, Jomo Kenyatta University of Agriculture and Technology, Embu University, Kenya.
- Networking and development of partnerships with stakeholders.

01/04/2007- 30/06/2010: Research associate, Institute of Development and Agricultural Economics, Leibniz University of Hannover, Germany.

- PhD research work.
- Trained and supervised graduate and undergraduate students at the Institute in the courses: - Project planning and evaluation, and introductory courses in agricultural economics.
- Published scientific papers and presented research results at international conferences.

01/01/2003- 30/10/2006: Senior research assistant, International Centre of Insect Physiology and Ecology (*icipe*), Kenya.

- Facilitated and implemented participatory development of programs with farmers, researchers and extension personnel involved with biological control of Diamondback moth in Kenya and Tanzania.
- Carried out both ex-ante and ex-post studies aimed at assessing:
 - The socio-economic impact of biological control of Diamondback moth in Kenya and Tanzania.
 - The socio-economic impact of training small scale farmers on Integrated Pest Management and Good Agricultural Practices through farmer field schools.
 - The impact of Radio awareness programmes for export horticulture producers and out grower groups to comply with Global-GAP protocols.
- Designed and implemented over time field trials to assess yield loss due to Diamondback moth on cabbage and kale production.
- Conduct a baseline study to establish a comprehensive technology inventory and database.
- Prepared monthly, quarterly, biannual and annual technical and program accomplishment reports.
- Advisory role to farmers and the Ministry of Agriculture field extension workers on matters related to plant protection and record keeping.
- Provided support in the planning, organization and facilitation of farm field days and demonstration sites.
- Assisted in the Development of private sector service providers for export horticulture.
- Provided technical support in research activities within icipe impact assessment unit.
- Wrote quarterly and annual reports.
- Prepared briefs and presentations for the head of the program.

01/01/2000-30/03/2001: Research assistant, GTZ- Integration of Tree Crops into Farming System Project, Kenya.

- Designed and implemented research in a study to compare conventional and tissue culture banana propagation methods in Kenya.
- Assisted in conducting trainings and in the design of impact assessment in the dissemination of mango propagation techniques in Keiyo and Embu districts.

- Advisory role to farmers on matters related to crops and animals protection.
- Carried out research on importance of indigenous trees in North Horr, Kenya, with special emphasis on doum palm fruit tree.
- Provided support in the planning, organization and facilitation of farm field days.

1.1.4 Achievements

1.2 Publications

1.2.1 Referred Journals

1. Muinga, G., Marechera, G., **Macharia, I.**, Mugo, S., Rotich, R., Oniang', R., Karanja, J., Obunyali, C., Oikeh S.O., 2019. Adoption of climate-smart DroughtTEGO® varieties in Kenya. *African Journal of Food, Agriculture, Nutrition and Development*, 19 (4): 15090-15108
2. Marechera, G., **Macharia, I.**, Muinga, G., Mugo, S., Rotich, R., Oniang', R., Karanja, J., Obunyali, C., Oikeh S.O., 2019. Impact of DroughtTEGO® hybrid maize variety on agricultural productivity and poverty alleviation in Kenya. *African Journal of Agricultural Research*, 14(34) 1833-1844.
3. Marechera, G., **Macharia, I.**, Muinga, G., Mugo, S., Rotich, R., Oniang', R., Karanja, J., Obunyali, C., Oikeh S.O., 2019. Duration analysis of DroughtTEGO® hybrid maize adoption in Kenya. *Agricultural Science Research Journal*, 9 (5), 47 – 60.
4. **Macharia, I.**, 2015. Pesticides and Health in Vegetable Production in Kenya. *BioMed Research International Volume 2015*. <http://dx.doi.org/10.1155/2015/241516>
5. **Macharia, I.**, Mithöfer, D. and Waibel, H., 2012. Pesticide handling practices by vegetable farmer in Kenya. *Environment, Development and Sustainability*, 15, (4): 887-902.
6. **Macharia, I.**, Mithöfer, D., Waibel, H., 2009. Potential environmental impacts of pesticides use in the vegetable sub-sector in Kenya. *African Journal of Horticultural Sciences*, 2: 138-151.
7. **Macharia, I.**, Löhr, B., De Groote, H., 2005. Assessing the potential impact of biological control of *Plutella xylostella* (diamondback moth) in cabbage production in Kenya. *Crop Protection*, 24: 981-989.

1.2.2 Books and Books Chapters

1. Ouma, E., **Macharia, I.**, Birachi, E., Garming, H., Nyagaya, M., Pypers, P., Ochieng, J., Blomme, G., van Asten, P., Vanlauwe, B., 2013. *Agricultural technology diffusion and adoption in banana and legume based systems of Central Africa*. Routledge Group, ISBN: 9780415532730.
2. **Macharia, I.**, 2012. Indirect Costs of Pesticide Use in the Vegetable Production in Kenya. In: Mithöfer, D. and H. Waibel (eds.) *African Vegetable Production and Marketing: Socio-Economic*. CAB International, UK. ISBN:[9781845936495](https://doi.org/10.1017/9781845936495).

1.2.3 Conference/Workshops/Seminar Papers

1.2.3.1 Conference Papers

1. **Macharia, I.**, Mithöfer, D. and Waibel, H., 2013, Health Effects of Pesticide Use among Vegetable farmer in Kenya. Invited paper presented at the 4th International Conference of the African Association of Agricultural Economists, September, 22-25, 2013, Hammamet, Tunisia.
2. **Macharia, I.**, Orr, A., 2012. Potential economic and poverty impact of improved chickpea technologies in Ethiopia. Presentation at International Conference of Agricultural Economists, August, 2012 Iguaçú, Brazil.
3. **Macharia, I.**, Mithöfer, D. and Waibel, H., 2009. Determinants of Pesticide Handling Practices in Vegetable Production in Kenya. Paper presented at Tropentag, October, 2009, Hamburg/Germany.
4. **Macharia, I.**, 2008. External Costs of Pesticide Use in the Vegetable Production in Kenya. Contributed Paper presented at the Horticulture Seminar on Sustainable Horticultural Production in the Tropics, December 2008.

5. **Macharia, I., Löhr, B., De Groot, H., 2004.** *Ex-ante* Economic Impact Assessment of the Introduction of the Diamondback Moth Parasitoid, *Diadegma semiclausum*, in Kenya. XV International Plant Protection Congress, May 2004. Beijing, China.

1.2.3.2 Workshops Papers

1. **Macharia, I., 2013.** Post-Harvest losses in Kenya. Paper presented at the Post-Harvest losses in Africa- Analytical review and synthesis workshop, February, 2013, ICIPE/ Kenya
2. **Macharia, I., 2013.** Postharvest losses and postharvest innovations on key horticultural crops – Kenya. Contributed Paper accepted for oral presentation at AGRA Expert and Stakeholder Workshop on Waste and Spoilage Issues, Challenges Facing Smallholder Farmers and Potential Intervention Points, April, 2013, Machakos, Kenya.
3. **Macharia, I., 2010.** External Costs of Pesticide Use in the Vegetable Production in Kenya. In: J.M., Wesonga *et al.* (ed.) Proceedings of the Horticulture Seminar on Sustainable Horticultural Production in the Tropics, Dec 2008. Jomo Kenyatta University of Agriculture and Technology, Kenya.
4. **Macharia, I., 2005.** Economic Impact Assessment of Training French beans Smallholders on Integrated Pest Management (IPM) and Good Agricultural Practices (GAP) through farmer field school. In: J.M., Wesonga *et al.* (ed.) Proceeding of fourth Workshop on Sustainable Horticultural Production in the Tropics, Nov 2004. Moi University, Kenya.
5. **Macharia, I., Mithöfer, D. and Löhr, B. 2004.** Update of the Ex-ante Socio-economic Impact Assessment of the Biological Control of *Plutella xylostella* (Diamondback moth) in Kenya. Paper presented at Organic Agriculture in Development, the fifth International Workshop on Diamondback Moth and Other Crucifer Insect Pests. Beijing, China.
6. **Macharia, I., Löhr, B. 2004.** Economic Impact Assessment of Training French beans Smallholders on Integrated Pest Management (IPM) and Good Agricultural Practices (GAP) through farmer field school. Contributed Paper accepted for oral presentation at fourth Workshop on Sustainable Horticultural Production in the Tropics, November 2004, Nairobi, Kenya.
7. **Macharia, I., 2004.** Economic Impact assessment of training French beans smallholders on Integrated Pest Management (IPM) and good agricultural practices (GAP) through farmer field school. Paper presented at the fourth Workshop on Sustainable Horticultural Production in the Tropics, Nov 2004, Moi University, Kenya.
8. **Macharia, I., Eckert, M., 2001.** Comparative study of tissue culture and conventional sucker propagation methods of banana (*Musa spp.*) at farm levels in Kenya. Paper presented at Horticulture Seminar on Sustainable Horticultural Production in the Tropics, held on, Oct 2001, Jomo Kenyatta University of Agriculture and Technology, Kenya.

1.2.3.3 Seminar Papers

1. **Macharia, I., 2018.** Postharvest losses (PHLs) in Kenya.
2. **Macharia, I., 2013.** Planning and Implementing Plans. Presentation at Transformational Leadership in Agribusiness workshop, December 2013, Ethiopia.
3. **Macharia, I., 2012.** Planning and Implementing Plans. Presentation at STEP training workshop, March, 2012. Kenyatta University, Kenya.
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1.2.5 Student Co-authored Publications

1. Ruth, C., **Macharia, I.,** Alice, W. Charles, A.O.M., Zeyaur, R.K., 2018. Ex- post economic analysis of push-pull technology in Eastern Uganda. *Crop Protection* 112: 356–362.
2. Luvanda, A.M., **Macharia, I.N.,** Chikamai, B.N., Wambugu, S.K., 2017. Socio-economic factors influencing collection of gum myrrh and opoponax from the wild in Wajir County, Kenya. *International Journal of Recent Scientific Research*, 8(5), 17165-17172.
3. Ruth, C., **Macharia, I.,** Alice, W. Charles, A.O.M., Zeyaur, R.K., 2017. Impact assessment of push-pull pest management on incomes, productivity and poverty among smallholder households in Eastern Uganda. *Food Security* 9 (6): 1359–1372.

4. Soul-kifouly G.M., **Macharia, I.**, Ong'amo, G., Abonyo, E., Ogola, G., DeGroot, H., LeRu, B., 2016. Assessing the long-term welfare effects of the biological control of cereal stem-borer pests in East and Southern Africa: Evidence from Kenya, Mozambique and Zambia. *Agriculture, Ecosystems & Environment* (230): 10-23
5. Ndungu, S., **Macharia, I.**, Kahuthia-Gathu, R. and Githaiga, W.R., 2013. Impact of Organic Vegetable Production System in Kiambu and Kajiado Counties of Kenya. *Journal of Environmental Science and Engineering A2* (4). 256-266.
6. Karani-Gichimu, C., **Macharia, I.**, Mwangi, M., 2013. Assessment of passion fruit orchard management and farmers' technical efficiency in Central-Eastern and North-Rift Highlands, Kenya. *Journal of Economics and Sustainable Development* 5(2): 183-190.
7. Karani-Gichimu, C., **Macharia, I.** and Mwangi, M., 2013. Assessment of Input-Output Transformation in Purple Passion Fruit Production in Central-Eastern and North-Rift, Kenya. *Current Research Journal of Economic Theory*, 5(2): 32-37.

1.2.4 Other Publications

1. **Macharia, I.**, Bett, E., Ngetich, F., Kiboi, M., 2017. Assessing and analysing the level of adoption of *DroughtTEGO*[®] hybrid maize seed in Kenya. A report to African Agricultural Technology Foundation (AATF).
2. **Macharia, I.**, Orr, A., 2014. Cereals consumption pattern in Tanzania. A report to International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Kenya.
3. **Macharia, I.**, Orr, A., Schipmann, C., 2012. Cereals consumption pattern in Kenya. A report to International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Kenya.
4. **Macharia I.**, Garming H., Ouma E., Birachi E., Ekesa B., de Lange M., Blomme G., Van Asten P., Van-Lauwe B., Kanyaruguru J., Lodi-Lama J., Manvu J., Bisimwa C., 2012. Assessing the Impact of Consortium for Improving Agriculture-based Livelihoods in Central Africa (CIALCA) Technologies on Crop productivity and Poverty in the great lakes region of Burundi, the Democratic Republic of Congo (DR Congo) and Rwanda. A report to Bioversity International, Italy.
5. **Macharia, I.**, Orr, A., Simtowe, F., 2011. Potential Economic and Poverty Impact of Adoption of Improved chickpea technologies in Ethiopia. A report to International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Kenya.
6. **Macharia, I.**, Orr, A., Simtowe, F., 2011. The Adoption and Profitability of Chickpea Technologies in Ethiopia. A report to International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Kenya.
7. Nyambo, B., **Macharia, I.**, Maundu J., 2006. Promotion of Integrated Pest Management for Vegetable Production in the Eastern Arc Mountains & East African Coastal forest mosaic Biodiversity hotspots. A report to Bio-vision Foundation, Switzerland.
8. **Macharia, I.**, Akivaga, F., Ndenga, E., 2004. Impact of Radio Awareness Campaign for Export Horticulture Producers and Out grower Groups to comply with EUREPGAP protocols: Mid-term Evaluation of the Radio Awareness Programme. A report to BMSDP-DFID Crop Protection Programme.
9. **Macharia, I.**, Nyambo, B., 2003. Impact of Integrated Crop Management Training on Maragua Ridge Mango Production: Baseline data on Knowledge, Practice, Marketing, and Production Economics. A report to Bio-vision –ICIPE- IPM Project on Mango Production: ICIPE, Kenya.
10. **Macharia, I.**, 2002. Socio- economic Base-line Information of Smallholder French beans Producers in Kenya. A report to USAID–ICIPE IPM Project on French beans and Okra, Nairobi: ICIPE, Kenya.
11. **Macharia, I.**, Eckert, M., 2002. Comparative Study of Tissue culture and Conventional sucker Propagation Methods of Banana (*musa spp.*) at Farm levels in Kenya. In: J.M., Wesonga et al. (ed.) Proceedings of the Horticulture Seminar on Sustainable Horticultural Production in the Tropics, Oct 2001. Jomo Kenyatta University of Agriculture and Technology, Kenya.
12. **Macharia, I.**, Britta, M., 1999. Importance of Indigenous Tree in North Horr (Marsabit District). A report to GTZ- Integration of Tree Crops into Farming System Project, Nairobi, Kenya.

1.3 Research

1.4 Funded Projects

S/ No	Researcher	Year	Title	Donor
1	Macharia and Britta	1999	Economic use of indigenous trees in North Horr, Kenya, with special emphasis on doum palm fruit tree.	GTZ- ITFSP
3	Macharia and Van Eckert	2002	Comparative Study of Tissue culture and Conventional sucker Propagation Methods of Banana (musa spp.) at Farm levels in Kenya	GTZ-ITFSP
2	Macharia	2003	Impact of integrated crop management training on Maragua ridge mango production: Baseline data on knowledge, practice, marketing, and production economics.	USAID-ICIPE
4	Macharia	2004-2006	Impact assessment Diamondback Moth Bio-control Project for Eastern and Southern Africa.	BMZ, Germany
5	Macharia et al.	2006	The socio-economic impact of training small scale farmers on Integrated Pest Management and Good Agricultural Practices through farmer field schools.	USAID-ICIPE
6	Macharia et al.	2006	The impact of Radio awareness programmes for export horticulture producers and out grower groups to comply with Global-GAP protocols.	BMSDP-DFID
7	Macharia et al.	2006	Promotion of integrated pest management for vegetable production in the eastern arc mountains & East African coastal forest mosaic biodiversity hotspots.	BIOVISION-ICIPE
8	Macharia	2007	Externalities of pesticide use in the vegetable sub-sector in Kenya	BMZ & DAAD

1.5 Conferenced/Workshops/Seminars Attended

S/ No	Presenter	Title of Paper presented	City/ Country	Date of Conference
1	Macharia	Social economic impact assessment of solar powered- micro irrigation system in Kenya	San Luis Potosí/ Mexico	28th- 30th October, 2019
2	Macharia	Postharvest losses (PHLs) in Kenya	Witzenhausen / Germany	International DAAD Alumni Seminar 2018. "Sustainable Food Production and Food Security in Developing Countries – Quality Management and Resource Use Efficiency along Agri-Value Chains "March 11th - 19th, 2018

3	Macharia	Cereals consumption patterns in Tanzania	Kenyatta university/Kenya	“Building a new Generation of Agricultural Scientists” held on December 2014
4	Macharia	Planning and Implementing business Plans	Ethiopia	Transformational Leadership in Agribusiness workshop, December 2013
5	Macharia	Postharvest losses and postharvest innovations on key horticultural crops - Kenya	Machakos/ Kenya	AGRA Expert and Stakeholder Workshop on Waste and Spoilage Issues, Challenges Facing Smallholder Farmers and Potential Intervention Points, April, 2013
6	Macharia	Post-Harvest losses in Kenya	ICIPE/ Kenya	Post-Harvest losses in Africa- Analytical review and synthesis workshop, Feb, 2013
7	Macharia	Planning and Implementing Plans	Kenyatta university/Kenya	STEP training workshop, March, 2012
8	Macharia	Potential economic and poverty impact of improved chickpea technologies in Ethiopia	Iguaçu/ Brazil	International Conference of Agricultural Economists, August, 2012
9	Macharia	Determinants of Pesticide Handling Practices in Vegetable Production in Kenya.	Hamburg/ Germany	Tropentag, Oct, 2009.
10	Macharia	External Costs of Pesticide Use in the Vegetable Production in Kenya.	Nairobi/ Kenya	Proceedings of the Horticulture Seminar on Sustainable Horticultural Production in the Tropics, Dec 2008.
11	Macharia	Ex-ante Economic Impact Assessment of the Introduction of the Diamondback Moth Parasitoid, <i>Diadegma semiclausum</i> , in Kenya.	Beijing/ China	XV International Plant Protection Congress May, 2004.
12	Macharia	Economic Impact Assessment of Training French beans Smallholders on Integrated Pest Management (IPM) and Good Agricultural Practices (GAP) through farmer field school.	Nairobi/ Kenya	Proceeding of fourth Workshop on Sustainable Horticultural Production in the Tropics, Nov 2004.

1.6 Supervision of Postgraduate Students

1.6.1 Masters

S/No	Name of student	Thesis title	Status of project(e.g. First year etc)
1	Scolastica Mwikali Wambua	ANALYSIS OF SEED LOAN APPROACH AND SOCIAL	Graduated

		NETWORKS IN IMPROVED BEAN SEED DISSEMINATION IN BUSIA COUNTY BUNYALA AND SAMIA DISTRICTS OF KENYA	
2	Charles Gichimu Karani	EVALUATION OF PRODUCTION EFFICIENCY OF SMALL SCALE PURPLE PASSION FRUIT FARMERS TOWARDS IMPROVED LIVELIHOODS IN EASTERN AND NORTH-RIFT REGIONS, KENYA	Graduated
3	Nkurunziza Issa	AN ANALYSIS OF SOCIO-ECONOMIC FACTORS AFFECTING FARMERS' PARTICIPATION IN VERTICAL INTEGRATION OF THE COFFEE VALUE CHAIN, RWANDA.	Graduated
4	Macharia Christopher Mwangi	AN ANALYSIS OF CONTRACT FARMING OF COCONUT IN KENYA.	Graduated
5	Samuel Kiruku Ndungu	ECONOMIC ANALYSIS AND APPRAISAL OF SMALLHOLDER ORGANIC VEGETABLE PRODUCTION SYSTEM IN KIAMBU AND KAJIADO COUNTIES OF KENYA	Graduated
6	Lucy W. Muriithi	IMPACT OF CERTIFICATION OF SMALL HOLDER COFFEE FARMERS, IN EMBU COUNTY, KENYA	Graduated
8	Elijah Wamunyu	ANALYSIS OF ACCESSIBILITY AND IMPACT ON PRODUCTIVITY AMONG SMALL HOLDER FARMERS IN KAHURO SUBCOUNTY , MURANGA COUNTY OF KENYA	Graduated
10	Billy Nyagaya	GENDER ANALYSIS IN MANGO PRODUCTION AND MARKETING IN EMBU SUB-COUNTY, KENYA	Defended, awaiting graduation
11	Kainda Isabella	ASSESSMENT OF THE PERFORMANCE OF SMALLHOLDER DAIRY FARMING IN MERU COUNTY, KENYA	Graduated
14	Alex Waithaka	ECONOMIC ANALYSIS OF INLAND FISH FARMING IN MACHAKOS AND KIAMBU COUNTIES: A VALUE CHAIN APPROACH	Second year
15	Nyaga Munyi Gatumta	USEFULNESS AND EFFECTIVENESS OF MOBILE PHONE IN ACQUIRING MARKET INFORMATION AMONG SMALLHOLDER FARMERS IN EMBU NORTH DISTRICT, KENYA	Second year

16	Amos Okello	IMPACT ASSESSMENT OF IMPROVED PIGEONPEA VARIETIES ADOPTION IN TANZANIA	Second year
17	Murage Henry Ngatia	AN ESTIMATION OF THE TECHNICAL EFFICIENCY OF THE RICE FARMS IN EMBU COUNTY OF KENYA	Second year
18	Ogemma Annete	INVESTMENT DECISION VARIABLES BY SMALL HOLDER FARMERS IN BUSIA COUNTY	Second year
19	Wathuta David	ASSESSMENT OF THE ADOPTION AND IMPACT OF ICT IN AGRICULTURAL MARKETING BY SMALLHOLDER FARMERS IN NYANDARUA COUNTY	Second year
22	David K. Nyamasia	ECONOMIC EVALUATION OF SEED SUPPLY SYSTEM AND ITS EFFECTS ON POTATO PRODUCTIVITY IN KENYA	Second year
23	Lawrence Kinoti	FARMER PARTICIPATORY EVALUATION OF MAIZE VARIETIES IN KENYA	Second year
25	Vetu rither mwikali	ECONOMIC FACTORS INFLUENCING WOMEN PARTICIPATION IN AGRICULTURAL MARKETS AND TRADE IN MERU COUNTY	Second year
26	Patrick Kagathi		Second year
27	Kamau d. Ngure	AN ANALYSIS OF THE EFFECT OF INFORMATION COMMUNICATION TECHNOLOGIES ON DAIRY PRODUCTION AMONG SMALL HOLDER FARMERS IN KENYA: A CASE OF TRANS-NZOIA COUNTY	Second year
28	Richard Odemba Onyango	IMPACTS OF VILLAGE SAVINGS AND LOANING PROGRAMME ON SMALL HOLDER FARMERS' INCOMES IN SIAYA COUNTY, KENYA	Second year

1.6.2 Ph. D

S/No	Name of student	Thesis title	Status of project(e.g. First year etc)
1	Midingoyi Soul	ECONOMICS OF BIOLOGICAL	Graduated

		CONTROL OF CEREAL STEM BORERS IN EASTERN AFRICA: EVIDENCES FROM MAIZE AND SORGHUM PRODUCTION IN KENYA	
2	Ruth Chepchirchir	SOCIAL- ECONOMIC IMPACT OF INTEGRATING PUSH-PULL TECHNOLOGY IN SMALLHOLDER CEREAL-LIVESTOCK FARMING SYSTEMS IN UGANDA	Graduated
3	Albert Luvanda Makee	IMPROVING PRODUCTION, UTILIZATION AND MARKETING OF GUM OPPONAX (HAGAR) IN WAJIR COUNTY, KENYA	Graduated
4	Backson Mwangi	THE IMPACT OF IMPROVED SORGHUM VARIETIES ON POVERTY REDUCTION AMONG RURAL FARMING HOUSEHOLDS IN THARAKA NITHI COUNTY, KENYA	Third year
5	Nathan Kanuma Taremwa	IMPACT OF AGRICULTURAL FINANCE ACCESS ON THE LIVELIHOOD OF SMALLHOLDER FARMERS IN THE EASTERN AND NORTHERN PROVINCES OF RWANDA	Third year
6	Ngigi Obadiah Hinga	INCENTIVES FOR ECOSYSTEM STEWARDSHIP; AN ANALYSIS OF AGRICULTURAL CREDIT AS AN INCENTIVE FOR SOIL AND WATER MANAGEMENT IN SASUMUA WATERSHED, KENYA	Third year
7	David K. Nyamasia	ECONOMIC EVALUATION OF SEED SUPPLY SYSTEM AND ITS EFFECTS ON POTATO PRODUCTIVITY IN KENYA	Second year
8	EZE Anayochukwu Victor	ASSESSMENT OF VALUE ADDITION TO CASHEW PRODUCTS IN SOUTH EAST, NIGERIA	Second year

1.7 Professional/Consultancy (Editor/Peer review in journals, Networks/Collaborations, External Examiner, Patents)

- External Examiner- Department of Agricultural Economic- Nairobi University, DARE- JKUAT
- 2014 to date: Reviewers of project proposals. *BMZ*.
- 2012 to date : Review of scientific contributions, *Journal of Agricultural economics, Occupational and Environmental Medicine, International Food and Agribusiness Management Review*

1.8 Community Service and Other Engagements

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1.9 Affiliation of Professional Bodies

- International Association of Agricultural Economists
- World Bank Institute alumni
- African Association of Agricultural Economists
- Horticultural Association of Kenya
- Young Professionals' Platform for Agricultural Research for Development (YPARD)
- German Academic Exchange Service (DAAD) alumni