<table>
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<tr>
<th><strong>Title:</strong></th>
<th>Enhancing the Capacity of Uganda’s Agricultural Extension Services to Impact nutrition of rural farming households</th>
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Makerere University  
Department of Agribusiness and Natural Resource Economics |
<p>| <strong>Purpose</strong> | To enhance the capacity of Uganda’s agricultural extension services to impact nutrition of rural farming households through assessment extension workers’ nutrition education training needs, development of extension workers’ capacity, development and testing of the effectiveness of an experiential nutrition extension approach. |
| <strong>Project Summary</strong> | Lessons from documented nutrition education models in literature will be used to develop an experiential learning nutrition extension approach adapted to the Ugandan context. A survey of extension workers’ competencies in nutrition education and sources of nutrition information will be conducted to assess the capacity to implement the approach and training needs. Extension workers employed by an NGO Volunteer Efforts for Development Concerns (VEDCO) in a case study site in Mukono district will be trained and facilitated to pilot the approach using an action research approach involving reflection and feedback from stakeholders. Scores on household nutrition security indicators (farmers’ nutrition knowledge, attitudes and dietary practices) under VEDCO’s current extension approach will be compared with similar scores after exposure to the experiential nutrition extension approach to measure effectiveness of the new approach. The extent to which access to the nutrition extension approach and other factors influence household nutrition security will be determined using regression models. The project outputs |</p>
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<th><strong>Country and Specific Location(s)</strong></th>
<th>The agricultural extension nutrition survey will cover the whole of Uganda; Testing of the experiential nutrition extension approach will be conducted in Mukono district, Uganda</th>
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| **Participating Institutions**      | Makerere University  
Department of Extension and Innovation Studies  
Department of Food Technology and Human nutrition  
Department of Agribusiness and Natural Resource Economics  
Volunteer Efforts for Development Concerns (VEDCO) |
| **Start Date**                      | November 2014 |
| **End Date**                        | November 2016 |
| **Amount of Funding**               | $63,571 |
Margaret Najjingo Mangheni (PhD)

Dr. Margaret Najjingo Mangheni is an alumni of Makerere University, The Ohio State University (USA), and University of Minnesota (USA) with academic training in agriculture, agricultural education, and agricultural extension. She is currently an Associate Professor in the Department of Extension and Innovation Studies at Makerere University in Uganda. Her areas of expertise and research interest include agricultural extension systems and approaches; Curriculum development, extension and training methods; Gender and agricultural development. She has served in various administrative/leadership positions at Makerere, including Department head, Coordinator of the Continuing Agricultural Education Centre, Deputy Dean for Research and Post graduate Training, and Vice Chairperson, Makerere University Academic Staff Association. She is a leader in the field of agricultural extension at global, continental and national levels. She is founder member of the African Forum for Agricultural Advisory Services (AFAAS); founder member and Chairperson of the Uganda Forum for Agricultural Advisory Services (UFAAS). She has over 20 years of experience supporting gender sensitive agricultural development processes in Uganda and Africa as a whole in a broad range of areas including initiation of professional networks; development and management of projects; offering consultancy services for design and evaluation of agricultural extension approaches and development projects. She spearheaded and successfully led integration of gender into the agriculture curriculum at Makerere; and leads the gender team of the African Forum for Agricultural Advisory Services. She has served as a technical reviewer of the competitive research grants for the Association for Strengthening Agricultural Research in Eastern & Central Africa (ASARECA), the African Crop Science Journal, and the African Journal of Food, Agriculture, Nutrition and Development (AJFAND). She is a fellow of the African Women Leaders in Agriculture and Environment program of Winrock International and a mentor of professional women under the Consultative Group for International Agricultural Research (CGIAR)’s African Women in Agricultural Research and Development (AWARD) program.
Selected publications


Previously funded projects

- 2000–2006: Mainstreaming gender into the Faculty of Agriculture Makerere University. Funded by Carnegie Corporation of New York Grant. USD 215,000.
- 2002- 2006: Building capacity for research and training in the Department of Agricultural Extension/Education, Makerere University. Funded by Rockefeller Foundation Grant. USD 29,555.
- 2007 – 2008: Enhancing the capacity of the Department of Agricultural Extension/Education, Makerere University to offer innovative demand-driven need based modular degree programmes for private agricultural advisory service providers. Funded by British Council Grant. £100,000.
- 2009 – 2011: Understanding the gender dimensions of the impact of climate change on agriculture and adaptation among small scale farmers in Uganda. Funded by RUFORUM.
- 2012 – 2013: Climate Learning for African Agriculture. Funded by Climate and Development Knowledge Network.