Enhancing the Peanut Value Chain, from Processing to Marketing of Peanuts and Peanut Products

Product Development, Processing and Marketing in Uganda (East Africa) and Ghana (West Africa)

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Our Collaborators in Uganda:
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Our Collaborators in Ghana:
Dr. Emmanuel Owusu-Bennoah, Country Coordinator
Dr. Daniel Sarpong, Department of Agricultural Economics and Agribusiness, University of Ghana-Legon
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Accomplishments and Currently Implemented Projects
• Socio-economic household surveys – Ghana and Uganda

Papers presented in 2011


• Stabilized peanut butter – Makerere University, Ghana; Food Research Institute, Ghana
• Peanut chocolate spread – Food Research Institute, Ghana
• Sorting for aflatoxin free products – Food Research Institute, Ghana; Makerere University, Uganda
• Developing a Canned Peanut Soup Base – University of Ghana-Legon
• Development and processing of vitamin A fortified peanut butter – Uganda Industrial Research Institute
• Development and promotion of groundnut cookies – National Agricultural Research Organization, Uganda

Expected Impact
• Aflatoxin-free peanut products in the marketplace
• Nutritional-enhanced peanut products (vitamin A fortified peanut butter, nutritious peanut cookies, fiber-enhanced peanut butter)
• High quality peanut products (stabilized peanut butter, chocolate peanut spread, peanut soup base)
• Economic development through expanded entrepreneurship – number of entrepreneurs, increased production volumes
• Laboratory scale to pilot/commercial scale production
• From a single company to multiple companies
• From one city to a country and to a region (e.g., Kampala – Uganda – East Africa)

Implementation of Collaborative Project
• Close cooperation between the researchers and the industry partners at all stages of the project activities to fast-track product commercialization
• Exclusive use of knowledge generated for a defined period of time to protect IPs competitive advantage
• Availability of techniques developed to other entrepreneurs after the expiration of exclusivity period

Our Vision-
Commercialization of peanut products appropriate to consumers in respective regions

Our Approach-
• Identification of peanut product, process and marketing through socio-economic survey of households representing current and future consumers of peanut products

• Identification of challenges and opportunities using the summary of survey data, information gathered from on-site visits and discussions with entrepreneurs, scientists, regulators, policymakers, and consumers

• Identification of industry partners (IPs) from the onset of the project

• Early engagement of industry partner in proposal development and project implementation as the food product in question commercialization

• Establishment of written protocols on roles of partners (researchers and industry personnel) via signed MOU to signal obligations and commitment of all collaborators to the final market commercialization of the developed peanut product

• Facilitating communication among all collaborators from all projects involving UGA-GP3MT

Peanut processing plant in Lira, Uganda
This plant was commissioned by President Museveni of Uganda on Independence Day, October 9, 2011.