

2011 NUTRITIONAL AND HEALTH CITATIONS LIST

Refereed Journal Articles

Abdulkadir A.E., Sohani S.A., and Agoi, F. 2009. The dilemma of over- and under- nutrition coexistence among western Kenya children. *AJFAND*, 9: 962-974.

Chintharlapalli, S., Papineni, S., Abdelrahim, M., Abudayyeh, A., Jutooru, I., Chadalapaka, G., Wu, F., Mertens-Talcott, S., Vanderlaag, K., Cho, S.D., et al. 2009. Oncogenic microRNA-27a is a target for anticancer agent methyl 2-cyano-3,11-dioxo-18beta-olean-1,12-dien-30-oate in colon cancer cells. *Int J Cancer* 125: 1965-1974.

Christensen, D.L., Eis, J., Hansen, A.W., Larsson, M.W., Mwaniki, D.L., Kilonzo, B., Tetens, I., Boit, M.K., Kaduka, L., Borch-Johnsen, K., et al. 2008. Obesity and regional fat distribution in Kenyan populations: Impact of ethnicity and urbanization. *Annals of Human Biology* 35: 232-249.

Frota, K.M.G., Mendonca, S., Saldiva, P.H.N., Cruz, R.J., Areas, J.A.G. 2008. Cholesterol-lowering properties of whole cowpea seed and its protein isolate in hamsters. *J. Food Sci.* 73: H235-H240.

Ha, T.J., Lee, M.-H., Jeong, Y.N., Lee, J.H., Han, S.-I., Park, C.-H., Pae, S.-B., Hwang, C.-D., Baek, I.-Y., and Park, K.-Y. 2010. Anthocyanins in cowpeas [*Vigna unguiculata* (L.) Walp. ssp. *unguiculata*]. *Food Science and Biotechnology*, 19: 821-826.

Katona, P. and J. Katona-Apte. 2008. The interaction between nutrition and infection. *Clinical Infectious Diseases*, 46(10): 1582-1588.

Meng, Q., Velalar, C.N., and Ruan, R. 2008. Effects of epigallocatechin-3-gallate on mitochondrial integrity and antioxidative enzyme activity in the aging process of human fibroblast. *Free Radical Biology and Medicine*, 44: 1032-1041.

Soohyoung, L., Young-Jin, K., Sanghoon, K., Younghee, L., Soo, Y.C., Jinseu, P., and Hyung-Joo, K. 2009. Inhibitory effects of flavonoids on TNF- α -induced IL-8 gene expression in HEK 293 cells. *BMB Report* 42: 265–270.

Other Publications (reports, conference papers, working papers, manuals, etc.)

Colecraft, E., 2008. HIV/AIDS: nutritional implications and impact on human development. *Proceedings Of The Nutrition Society*, 67: 109-113.

Fergusson, P. and A. Tomkins. 2009. HIV prevalence and mortality among children undergoing treatment for severe acute malnutrition in sub-Saharan Africa: a systematic review and meta-analysis. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, 103(6): 541-548.

Mazur RE. 2011. "Value Chains - How Can They Achieve Food and Nutrition Security Goals?" West Africa CAADP Nutrition Program Development Workshop. Dakar, Senegal. Nov. 9-12.

Mazur RE, Musoke H, Nakimbugwe D, Ugen M. 2011. "Enhancing Nutritional Value and Marketability of Beans through Research and Strengthening Key Value Chain Stakeholders in Uganda." Conference Note

1 for International Conference on 'Leveraging Agriculture for Improving Nutrition and Health' in New Delhi. Washington, DC: International Food Policy Research Institute.

VEDCO. 2011. Annual Report 2010. Kampala, Uganda: Volunteer Efforts for Development Concerns.

Vasanthakaalam H. 2011. The Cold Extrusion Process. in Adding Value to Grains – Science, Nutrition and Technology, 109-11. Germany: Lambert Academic Publishing, 188 pages. ISBN-10: 3845438479, ISBN-13: 978-3845438474.

Other Types of Output (presentations, webpages, videos, equipment designs, etc.)

Maredia, M.K. 2011. M&E and Impact Evaluation of Agricultural Research: Challenges and Best Practices. Presentation made at the USAID/USDA/APLU organized "Feed the Future" Planning Workshop, Purdue University, January 12-13, 2011.

Mazur RE, Ugen M, Bwambale N, Sebuwufu G, Nakimbugwe D. 2011. "Disseminating Improved Bean Production Management Practices and Technologies and Strengthening Marketing Capabilities." Poster presented at USAID-Collaborative Research Support Programs Council Meeting: Research to Feed the Future in East Africa. Kampala, Uganda. July 25.

Mutambuka Martin, Murphy PA, Hendrich S, Reddy MB. 2011. "Effect of extraction buffer pH on ferritin yield from common beans (*Phaseolus vulgaris*)." Poster presented at the Annual Meeting of the Institute of Food Technology. New Orleans, LA: June 11-14.

Sebuwufu G, Mazur RE, Westgate M, Bwambale N, Ugen M. 2011. "Improving Common Bean Yields for Rural Development in Uganda." Poster presented at USAID-Collaborative Research Support Programs Council Meeting: Research to Feed the Future in East Africa. Kampala, Uganda. July 25.

Scholarly Activities and Accomplishments

Habanabakize, Telesphore. 2010. "Processing and product development of orange flesh sweet potato and dry beans blended flours for weaning foods." Final project report for B.S. degree. Department of Food Science and Technology. Kigali, Rwanda: Kigali Institute of Science and Technology.

Habiyaremye, Idrissa. 2010. "Potential utilization of improved dry bean in the processing of cereal-legume weaning flour." Final project report for B.S. degree. Department of Food Science and Technology. Kigali, Rwanda: Kigali Institute of Science and Technology.

Karuhanga, William. 2010. "Processing of extruded snack food products using decalaya and colta varieties of bean based flour." Final project report for B.S. degree. Department of Food Science and Technology. Kigali, Rwanda: Kigali Institute of Science and Technology.

Mulinda, Noel Valentin. 2010. "Effects of thermal processing techniques on the functional properties of dry common bean flours." Final project report for B.S. degree. Department of Food Science and Technology. Kigali, Rwanda: Kigali Institute of Science and Technology.

Musaazi, Aisha Nakitto. 2011. "Developing a quick-cooking bean flour." Final thesis for M.S. degree. Department of Food Science and Technology. Kampala, Uganda: Makerere University.

Nkundabombi Marie Grace. 2010. "Processing of cold extruded deep fat fried snack food from bean based composite flour." Final project report for B.S. degree. Department of Food Science and Technology. Kigali, Rwanda: Kigali Institute of Science and Technology.

Okiror, Simon. 2010. "Analysis of Factors affecting market participation of smallholder bean farmers in Kamuli district, Uganda." Thesis for M.S. degree. Department of Agricultural Economics and Agribusiness. Kampala, Uganda: Makerere University.

Reyes, Byron. 2011. "Economic Impact Evaluation of Improved Bean Varieties in Central America." Presentation made at the Symposium "Diminishing Latin America's Inequalities: Land, Food and Human Health Strategies" April 2011.

Professional Recognition, Awards, and Accomplishments

Bernsten, Richard: In April 2011 Richard Bernsten (co-PI of this project) received The Ralph H. Smuckler Award for Advancing International Studies and Programs at MSU. The award recognizes and rewards a faculty member each year for his/her significant and lasting impact on the advancement of international scholarship, teaching, and public service.

Ojwang, Leonard: Leonnard Ojwang, PhD candidate, Texas A&M University. Best graduate research award. Presented at American Association of Cereal Chemists International annual meeting, Palm Springs, CA, October 15 – 18. Title of presentation: Anti-inflammatory properties of cowpea phenotypes with different phenolic profiles.

Published Abstracts

Archana Gawde, B. B. Singh, J. Ehlers, J. M. Awika. 2011. Associating Vigna unguiculata phenotypes with composition of bioactive compounds. CFW, 56, A41-A42.

Leonnard O. Ojwang and Joseph M Awika. 2011. Anti-inflammatory properties of cowpea phenotypes with different phenolic profiles. CFW, 56, A3-A4.

Joseph Awika, Archana Gawde, Leonnard Ojwang , B. B. Singh. Potential of Cowpea as a Health Promoting Food to Prevent Chronic Disease. Presented at the 2011 US National Cowpea Improvement Association Meeting February 6, 2011, Corpus Christi, Texas.

Archana Gawde, B. B. Singh, Jeff Ehlers and Joseph Awika. Seed phenotypes show high correlation with nutritional compounds in Vigna unguiculata. At the 2011 US National Cowpea Improvement Association Meeting February 6, 2011, Corpus Christi, Texas.

B.B. Singh. Cowpea as a Major Food Legume in the 21st Century. Presented at the 2011 US National Cowpea Improvement Association Meeting February 6, 2011, Corpus Christi, Texas.