

ROBERT AMAYO

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IN BRIEF

Mr. Amayo's career goal is to become one of the recognized research leaders and consultants in agricultural research and development. Specifically, he is interested in developing technologies and building the capacity of stakeholders (students, farmers, researchers, etc) to enhance agricultural productivity and mitigate biotic and abiotic constraints that limit crop production. Amayo is currently a Lecturer, Researcher and a Facilitator at Busitema University. He was a Research Officer/ Plant Pathology with the Dryland Legume Research Program at National Semi-arid Agricultural Resources Research Institute (NaSARRI) in Serere, one of the Public Agricultural Research Institutes (PARIs) of National Agricultural Research Organization (NARO) in Uganda. He holds Master's and Bachelor of Science Degrees from Makerere University and currently pursuing a Ph.D. program in Agriculture (Plant Pathology). He has obtained several postgraduate pieces of training including training in project planning and management, project management for impact, among others. For over ten years he has actively participated in agricultural research and development, made presentations in different conferences, workshops, meetings, and published a couple of articles as listed below. Socially, Amayo is a reserved, focused, yet approachable individual with the ability to learn and venture into new spheres.

Personal Details

Title: **MR.** Name: **ROBERT Amayo** Nationality: **Ugandan** Sex: **Male** Religion: **Christian** Marital status: **Married**

ACADEMIC BACKGROUND

Qualification	Institution/School/University	Date of Award
PhD. Agriculture (Plant Pathology)	Makerere University	Pending
MSc. Crop Science (Biotechnology)	Makerere University	January 2009
BSc. Agric (Crop Science)	Makerere University	October 2005
Uganda Advanced Certificate in Education (UACE)	Kyambogo college School	November 2000
Uganda Certificate in Education (UCE)	Our Lady Consolata SSS	November 1998

SELECTED PROFESSIONAL DEVELOPMENT CERTIFICATES

Training as Facilitator	CCRP McKnight	June 2022
Successful Grant proposal writing skills (No certificate awarded)	Directorate of Graduate Studies and Innovation, Busitema University	June 2022
Certificate attendance – CCRP Southern Africa CoP Regional Research Methods training workshop	Statistics for Sustainable Development, Nairobi Kenya	February 2018
Certificate of Attendance – Procurement and Contract Management	NARO and Agile Consulting, Uganda	November 2017
Certificate of Completion – Training in Environmental and Social Management	National Agricultural Research Organization	September 2017
Certificate of Completion – Bio-pesticide/ Bio-	ICAR-Central Institute for Cotton	August 2017

control Laboratory Operations and Research training	Research, India	
Leadership Award – Diligent Service as College Representative to PhD Fellows	PhD fellows and Directory of Research and Graduate Training, Makerere University	July 2017
Certificate of Completion – Advanced Research Methods training	Makerere University	July 2017
Certificate of Completion – Philosophy of Methods training	Makerere University	June 2017
Certificate of Completion – Leadership Mentorship program	PICO-EA and McKnight Foundation	May 2017
Certificate of Completion – Management for Impact (M4I) training	National Agricultural Research Organization	February 2017
Certificate of Completion – Functional genomics and bioinformatics training workshop	Purdue University and MaRCCI, Makerere University	October 2016
Certificate of Participation – IFS Collaborative Research Conference	AAS, Nairobi Kenya	February 2016
Certificate of Achievement - AuthorAID Course in Research Writing	AuthorAID INASP	November 2015
Certificate of Completion – Scientific writing training workshop	Scriptoria Communications	May 2014
Certificate of Completion – Training on Hybrid Pigeonpea Production Technology	ICRISAT – Nairobi, Kenya	December 2013
Certificate of Completion – Training on Chickpea Agronomic Management and Germplasm Maintenance	ICRISAT – Nairobi, Kenya	September 2013
Certificate of Achievement – Training on Modern Genomics for crop Improvement	ICRISAT – Patencheru, India	August 2013
Certificate of Participation – Leadership Summit Uganda 2009	Global Leadership Summit Uganda, Uganda	November 2009
Certificate of Completion – Training on Dispersal of Plant Pathogens	NOVA University Network – SLU, Sweden	May 2009
Certificate of undertaking – English Language Test	University of Helsinki, Finland	April 2009
Certificate of attendance and participation – 8 th African Crop Science Society Conference	Minia University, Egypt	October 2007
Certificate of Completion – Project Planning and Management training	Makerere University	May 2007
Certificate of Attendance – Training of Trainers (ToT) workshop	MUFA, Makerere University	March 2005
Certificate of Participation – Science and Technology Exhibition	Student’s Guild, Makerere University	January 2005
Certificate of Merit – Service as Disciplinary Secretary/Minister	Kabanyolo SCR Executive, Makerere University	May 2004

ICRISAT – International Crops Research Institute for the Semi – Arid Tropics; NOVA University Network – Nordic Forestry, Veterinary and Agricultural University Network and SLU – Swedish University of Agricultural Sciences

PROFESSIONAL WORK EXPERIENCE

BUSITEMA UNIVERSITY, ARAPAI CAMPUS SOROTI - Uganda.

From August 2019 to date, Lecturer

Responsibilities:

- Plan prepare teaching/learning materials
- Deliver lecture to Undergraduate students.
- Participate in the review and development of the curricular
- Participate in the development of manuals and kits for the conduct, supervision and evaluation of practical assignments
- Examine, assess and mark undergraduate and postgraduate student assignment where eligible
- Undertake research to support development of the University academic research proposals
- Supervise student academic research and industrial practice programmes and activities
- Participate in planning, organization and implementation of academic conferences, seminars and workshops
- Provide technical support and support supervision to assistant lecturers and other junior academic staff
- Participate in the resource mobilization
- Ensure quality in all functions of the University by observing the set quality standards
- Engage in creative and innovative activities
- Identify required teaching materials and recommend to head of department for procurement process
- Any other duties as may be assigned.

NaSARRI/NARO, Serere - Uganda.

From July 2013 to July 2019, Research Officer / Plant Pathology

Responsibilities:

- Carry out relevant research on diseases (surveillance, identification, and management) of crops, specifically of Dryland legumes.
- Mobilize resources and write research proposals for competitive grants.
- Train, guide and supervise workers and students (including interns) attached to the program.
- Participate in survey studies, extension training workshops/seminars, meetings, on-farm experimental trials, farmer field visits, etc
- Prepare and submit research work plans, budget, and reports to relevant authorities.
- Disseminate research findings to relevant stakeholders through media, press, scientific conferences, and journal papers.
- Perform any duty assigned by Director of Research and designated supervisor.

Achievements:

- Currently I am the PI of Cowpea Scab Project under the World Bank ATAAS project and a lead researcher in implementation of ARF Rice-Greengram Project in Apac, Lira and Kole districts in Uganda.
- Was Co-PI for two projects implemented between 2014 and 2016 and participating researchers in several other projects within and outside the institute.
- Carried out a number of field and laboratory experimental studies on pests and diseases of Dryland legume crops including nation-wide disease surveillance.
- Mentored three junior researchers and supervised students.
- Participated in development of number of research proposals for funding of which two were successful and one in final stage.
- Facilitated in a number of seminars
- Prepared a number of technical and research progress reports, a farmer training guide for cowpea diseases, four manuscripts for publication.

Busitema University, Department of Crop Production and Management

From February 2018 to August 2019, Part-Time Teaching Staff

Responsibilities:

- Conduct teaching and learning
- Organize practical sessions and tutorial for students
- Set, invigilate, and mark assignments, course works and exams
- Submit results

Achievements:

- Taught courses for Certificate in General Agriculture classes, Diploma in Animal production (DAP) and Crop production (DCP), Bachelor in Agribusiness (BAB) and Bachelor of Science in Agriculture (BSA). The following are the courses taught over the period;
 - CGA1102: Basic Science
 - BSA 1102: Principles and Practices of Agriculture
 - AGB 1103: Agricultural Principles and Practices
 - DCP 2203:Harvesting and Postharvest Management
 - DCP 2202: Invasive Alien Species and Weeds
 - BSA 1103: Agricultural Botany and Plant Physiology
 - BSA 1202: Agronomy and Ecology
 - BSA 1206: Introduction to Mycology
 - BSA 3107: Field Crop Diseases
 - BSA 3201: Plant Pathology
 - BSA 4103: Research Project
 - BSA 4104: Plant Virology and Bacteriology
 - BSA 4204: Plant Biotechnology
- Organized and supervised practical sessions assisted by the teaching technicians
- Set, invigilated, marked and submitted assignments, course works and exams for all courses allocated to me.
- Assisted colleagues in invigilation and marking of exams
- Attended departmental meetings

NaSARRI/NARO, Serere - Uganda.

From August 2010 to June 2013, Research Officer II / Plant Pathology

Responsibilities:

- Carry out relevant research on diseases of crops, specifically of Dryland legumes.
- Mobilize resources and write research proposals for competitive grants.
- Train, guide and supervise workers and students (including interns) attached to the program.
- Conduct survey studies, extension training workshops/seminars, meetings, on-farm experimental trials, farmer field visits, etc
- Prepare and submit research work plans, budget, and reports to relevant authorities.
- Disseminate research findings to relevant stakeholders through media, press, scientific conferences, and journal papers.
- Perform any duty assigned by Director of Research and designated supervisor.

Achievements:

- Spearheaded research outputs leading to the release of two (2) greengram and six (6) cowpea varieties.
- Carried out a number of field and laboratory experimental studies on pests and diseases of Dryland legume crops including nation-wide disease surveillance.
- Participated in development of number of research proposals for funding of which one was successful
- Prepared a number of technical and research progress reports, a farmer training guide for cowpea diseases, two manuscripts in final stages for publication.
- Led the reporting committee at the institute.
- Represented the institute and program at different events
- Several occasions acted as program leader and director of research

NaSARRI/NARO, Serere - Uganda.

From May 2008 to August 2010, Research Assistant / Plant Pathology

Responsibilities:

- Assist lead researcher in carrying out relevant research on diseases of crops, specifically of Dryland legumes.
- Participate in mobilization of resources and write research proposals for competitive grants.
- Participate in training, guiding and supervising workers and students (including interns) attached to the

program.

- Participate in survey studies, extension training workshops/seminars, meetings, on-farm experimental trials, farmer field visits, etc
- Participate in preparation and submission research work plans, budget, and reports to relevant authorities.
- Participation in dissemination research findings to relevant stakeholders through media, press, scientific conferences, and journal papers.
- Perform any duty assigned by Director of Research and designated supervisor.

Achievements:

- Contributed to the release of three (3) improved cowpea varieties
- Participated in conducting field and laboratory experimental studies on pests and diseases of Dryland legume crops including nation-wide disease surveillance.
- Trained farmers in crop management
- Supervised field assistants
- Participated in preparation of technical and research progress reports, a farmer training guide for cowpea diseases, two manuscripts in final stages for publication.

Sweetpotato Virus Research Program, University of Helsinki, Finland. November 2008 to July 2009, Research Fellow/Visiting Scholar

Responsibilities:

- To actively participated in research activities, especially in the laboratory and greenhouse.
- Prepare research proposals, reports and manuscripts.
- Participate in courses, seminars, and presentations.
- Carry out any assigned tasks.

Achievements:

- Participated in research activities in the program
- Participated in preparation of research proposal, reports and manuscripts.

The Tissue Culture Laboratory – Makerere University, Kampala, Uganda. February 2006 to May 2008, Research Assistance in charge of student experiments

Responsibilities:

- Actively participate in research activities in the laboratory.
- Guide and supervise students conducting research study at the laboratory.
- Prepare research reports, briefs, and presentations.

Achievements:

- Supervised and guided students conducting research at the laboratory.
- Participated in research proposals writing, prepared technical research reports and presentations.

RESEARCH EXPERIENCE

The following are the research projects where I am or was involved in proposal development and implementation:

1. CCRP-Mcknight project: Co-creating knowledge to enhance food security and ecosystem resilience among smallholder farmers in the drylands of Eastern Uganda. Worth USD 300,000, 2022 - 2024 (PR - Pathologist)
2. Aflatoxin AU project (Diversity of *Aspergillus* species and aflatoxin contamination along maize and groundnut value chain in Eastern and Southern Africa). Worth USD 1.2 million, 2019-2021. (Researcher/ Plant Pathologist).
3. NARO Competitive Grant Scheme project: Rhizobia Inoculation and Extrusion Technology for enhanced pigeonpea production and utilization in Uganda (REPUP), 2019 - 2022 fiscal years, worth USD 125,000. (was the PI)
4. CCRP-Mcknight Project: Enhancing food and nutritional security using sorghum-legume interventions for improved livelihood among smallholder farmers in Uganda. Worth USD 250,000, 2017 – 2020. (PR - Pathologist)
5. RUFORUM CARP project: Designing and Implementing a University-based extension and technology dissemination program for grain legumes and dryland cereals innovations in Eastern Uganda. Collaborative Pilot project headed by Uganda Christian University, (CO PI).

6. World Bank ATAAS (Cowpea scab) project: Development of Integrated Disease Management Options for Cowpea scab in Cowpeas (2012 to 2017), worth USD 152,000 (variable). (PI);
7. World Bank ATAAS project - Greengram: Improving green gram productivity through development of early maturing and drought tolerant varieties for the Semi-Arid regions of Uganda (2012 to 2017), worth USD 157,000 (variable). (PR - Pathologist);
8. Cluster Granary Project: Strengthening Seed Delivery System for Dryland Cereals and Legumes in Drought-prone Areas of Uganda (2016 to 2018), worth USD 299,655. Inter-program collaborative project hosted by Dryland Cereals Program. (PR - Pathologist);
9. ARF project: Enhancing Rice-Greengram productivity in Northern Uganda (2017 to 2019), worth Euros 227,500. Collaborative project host by Women of Uganda Network (WOUGNET) and other partners are NARO (NaSARRI and NaCRRI), Makerere University (CAES and CoCIS) and SNV. (CO-PI)
10. CCRP McKnight Project: Improving Food and Livelihood Security in East Africa Using Multiple Stress Tolerant Sorghum Cultivars (2015 -2018), worth USD 475,000. Collaborative project between NaSARRI, Uganda; Rongo University College (Host) and KARLO, Kenya. (PR - Pathologist);
11. IFS collaborative project: Forage potential of five (5) Neglected and underutilize plant species in West and East Africa (2015 to 2016), worth USD 75,000. Collaborative project involving University of Ghana, Ghana; University of JOS, Nigeria; and AbiZARDI and NaSARRI, Uganda. (Co-PI);
12. RUFORUM GCG 2014 Project: Increasing production and marketability of improved cowpea varieties in semi-arid regions of northwestern Uganda (2014 to 2016), worth USD 65,000. Collaborative project hosted by Makerere University, (Co-PI);
13. Brazil Market Place/Embrapa project: Inoculation of efficient Rhizobia strains as an approach to increase pigeon pea production of smallholder farmers in Uganda, worth USD 60,000. Collaborative project hosted at NaCRRI involving NaSARRI and Embrapa Semiarido, Petrolina, Brazil. (PR - Pathologist);
14. KAFACI-Uganda Project: Enhancing household food and income security through promotion of improved cowpea – sorghum technologies (2013 to 2016), worth USD 119,790 (PR - Pathologist);
15. AGRA Cowpea Project Phase II: Improving livelihoods of small-scale farmers through enhanced adoption of new improve cowpea varieties and seed systems in northern and eastern Uganda (2013 to 2016), worth USD 180,000. (PR - Pathologist);
16. HortCRSP Cowpea Project: Adoption of Cowpea as an horticultural Crop among smallholder farmers (2013), USD 5000 (PI);
17. N2Africa Phase II Project: N2Africa Phase II - Putting nitrogen fixation to work for smallholder farmers in Africa (2013 – 2018), worth unknown. Collaborative research project. (PR);
18. Agrifood System Project: Enhancing adoption of technological innovations for orphan crops among rural poor farmers (2012 to 2015). (PR - Pathologist);
19. Japan Rice Breeding Project: Developing the New Generation of New Rice Varieties for Sub-Saharan Africa and Southeast Asia (2015 to 2019) (PhD Candidate/ PR); Studying the diversity of rice blast isolates and identifying sources of isolate-specific resistance.

The following are some of the selected project proposals developed and submitted for funding since 2014. They are arranged in the order from the latest to those submitted in 2014 and comprise those that are pending for final verdict and the ones that were unsuccessful;

1. Rhizobium bio-fertilizer application and extrusion technology for increased production and utilization of pigeonpea in Uganda (2018), worth USD 125,000. Three year collaborative project involving Makerere University, NARL-NARO, NaSARRI-NARO and Peak Value Industries. Re-submitted to NARO Competitive Grant Scheme (Accepted for funding). (PI)
2. Diversity in African Indigenous vegetables: Impacting livelihoods and driving crop improvement (2017), worth 1.57 million UK pounds. Collaborative project proposal submitted to BBSRC-SASSA call. NaSARRI Budget for this call is UK pounds 138,000.
3. Unlocking the research potential of NaSARRI and Rwebitaba ZARDI through Infrastructural development (2017), worth 9 billion Uganda shillings. Joint proposal submitted to Government of Uganda for infrastructural development. (Participating Researcher).
4. Rhizobium bio-fertilizer application and extrusion technology for increased production and utilization of pigeonpea in Uganda (2017), worth USD 150,000. One year collaborative project involving Makerere University, NARL-NARO, NaSARRI-NARO and Peak Value Industries. Submitted to Uganda National Council of Science and Technology (waiting for final decision). (Lead Researcher)

5. Retooling the youth in northern Uganda for business in Agriculture (2017), worth USD 45,000. Collaborative project involving WOUGNET (host), NaSARRI-NARO and YPARD-Uganda. Submitted to CTA (waiting for final decision). (Co-PI)
6. Dryland legume - sorghum cropping for sustainable soil fertility management and improved productivity in semi-arid regions of Sub-Saharan Africa (2017), worth USD 452,000. Project Proposal submitted to McKnight Foundation. (Awaiting final decision). (PR).
7. Optimizing rice-early maturing legume cropping on smallholder farmers in Semi-arid regions of Uganda, Ghana and Zimbabwe (ORICE) (2016), worth USD 1.198M. Collaborative project involving NaSARRI-NARO, Makerere University, University of Zimbabwe, WOUGNET and RUFORUM. Submitted to AU call 2016 (not successful). (Co-PI)
8. Mitigating the Effects of Drought and Parasitic Weeds in Maize, Cowpea and Common bean Cropping Systems (2016), worth USD 900,000. Collaborative project involving University of Cape Coast, Ghana; NaSARRI-NARO, Uganda; and University of Lesotho, Lesotho. Submitted to AU call 2016 (unsuccessful). (PR)
9. Scaling-up the use of high-yielding and drought-tolerant groundnut varieties in Western and Central Uganda (2015), worth CAD 1.38M. Collaborative project proposal involving Makerere University, NaSARRI-NARO, WOUGNET, RUFORUM, Mihaki farmer ltd and Canadian institute. Submitted to IDRC call 2014. (Unsuccessful). (PR)
10. Enhancing capacity of rural women and youth farmers to produce and market quality soya bean and cow pea through Innovative ICTs in Northern Uganda (2015). Collaborative project proposal involving WOUGNET, Makerere University, NaSARRI-NARO and NgettaZARDI. Submitted to NARO CGS call (Unsuccessful). (Co-PI);
11. Integrating Geospatial Technology in Management of Major Pests of Dryland legumes and cereals in Semi-Arid regions of Uganda (2014). Collaborative project proposal involving Makerere University, MAAIF, CABI through PlantWise, NgettaZARDI and NaSARRI. Submitted to African Academy of Sciences (AAS) and the Association of Commonwealth Universities (ACU) through CIRCLE call. (Unsuccessful). (Co-PI).
12. Innovative approach to management of major cowpea virus disease in smallholder farmer's fields in Tanzania and Uganda (2014), worth USD 486,000. Collaborative project pre-proposal involving NaSARRI-NARO, Mikochen Agricultural Research Institute, Tanzania; Ohio state university, US and University of Queensland, Australia. Submitted to PEARL call (Unsuccessful). (PR);
13. Managing nutrients biogeocycles in sorghum-legume system to improve ecological and economic benefits in semi-arid regions of East Africa (2014). Collaborative project pre-proposal involving NaSARRI-NARO, Texas A&M Agrilife Research Centre, US; University of Nottingham's Crops for the Future Research Centre, Malaysia and Chuka University, Kenya. Submitted to PEARL call (Unsuccessful). (Co-PI);

PUBLICATIONS (Journal and Conference Papers):

1. Elizabeth B Kizito, T Kyebalyenda, MJ Nakanwagi, G Sseremba, R Buteme, PN Kabod, **R Amayo**, JR Runyararo, A Egeru, T Falk. (2022). Farmers' selection cues in cowpea for vegetable use in eastern Uganda. *African Journal of Food, Agriculture, Nutrition, and Development*. 2022; 22(4): 20197-20214. <https://doi.org/10.18697/ajfand.109.20155>
2. Symphorien Awande, Kossi Kini, Kassankogno Abalo Itolou, Harinjaka Raveloson, **Robert Amayo**, Alain Kalisa, Aderonke Oludare, Kossi Kpemoua, Jimmy Lamo, Ibrahima Ouedraogo, Mathilde Sester, Louis-Marie Raboin, and Drissa Silue. (2020). Resistance genes and gene pyramids controlling rice blast pathogen populations in eight African countries. <https://doi.org/10.21203/rs.3.rs-18018/v1>
3. **R. Amayo**, Teddy Oparok, Jimmy Lamo, Silue Drissa, Richard Edema & Geoffrey Tusiime, (2020). Rice Blast Prevalence in Smallholder Rice Farmlands in Uganda. *Journal of Agricultural Science*; Vol. 12, No. 10; 2020. <https://doi:10.5539/jas.v12n10p105>
4. SM Nyamaizi, JB Tumuhairwe, **R Amayo**, CL Tumuhe, E Tereka, DL Nabirye, BB Obaa, (2020) Phosphorus fertilizer rating and rhizobia inoculation for improved productivity of cowpea in Northern Uganda. *American Journal of Plant Sciences* Vol.11 No.09(2020), Article ID:103238,15 pages. <https://10.4236/ajps.2020.119109>
5. B. Sadina, A. Amoding, **R. Amayo** & M. Biruma, (2019) Integrating Soybean Residues With Nitrogen

- Fertilizer for Improved Maize Production in Eastern Uganda. *Journal of Agricultural Science*; Vol. 11, No. 8; 2019. <https://doi.org/10.5539/jas.v11n8p206>
6. **Amayo, R.**, Acheng W, T., Lamo, J, Drissa, S., Edema R., Biruma M. & Tusiime, G. (2018). Rice blast prevalence and morphological groups of pathogen isolates from smallholder rice farmlands in Uganda. Paper presented in NARO-MAK Biennial Conference held November 2018 at Common Wealth Resort Hotel, Munyonyo, Uganda.
 7. **Amayo, R.**, Ongom, R., Omada, JR., Sadina, B., Mbeyagala, E., Obuo JP. Ramakrishnan, MN. Odong, T. & Akello, B. (2018). Adaptation of AVRDC-bred cowpea genotypes as vegetable crop, “snap bean”, for low income farmers in Uganda. Paper presented in NARO-MAK Biennial Conference held November 2018 at Common Wealth Resort Hotel, Munyonyo, Uganda.
 8. **Amayo, R.**, Lamo, J, Biruma M. & Tusiime, G. (Submitted). Elucidating Rice Production and Rice blast disease in Uganda: a prospective journey. A review article submitted to *Journal of Agricultural Science (JAS)*.
 9. **Amayo R.**, Damulira G, Muwonge, A, Sulume, JK, Lwanga, CK., Akello B. and Fernandes, IP., (2016). Efficacy of different Rhizobia strains in enhancing grain yield in pigeonpeas. Paper presented in NARO-MAK Biennial Conference held October 2016 at Common Wealth Resort Hotel, Munyonyo, Uganda.
 10. Afutu E., Agoyi EE., **Amayo R.**, Biruma M and Rubaihayo P. (2016). Morphological Characterization of Ugandan Isolates of *Sphaceloma* sp. Causing Cowpea Scab Disease. *Journal of Agricultural Science*; Vol. 8, No. 9; 2016
 11. Afutu E., Agoyi EE., **Amayo R.**, Biruma M and Rubaihayo P. (2016). Cowpea scab disease (*Sphaceloma* sp.) in Uganda. *Crop Protection*. doi:10.1016/j.cropro.2016.06.024
 12. Mbeyagala, E.K., **Amayo, R.** and Obuo, J.E.P. (2016) “Adaptation of introduced mungbean genotypes in Uganda”. *Africa Crop Science Journal*. Vol 24, No.2 Pg 155 – 166.
 13. Mbeyagala, E.K., **Amayo, R.** and Obuo, J.E.P. (2015) “Selection for high yield stability among early maturing greengram genotypes”. *Journal of Agricultural Science*. Vol 7, No. 9. Pp 154-159.
 14. Omadi JR., **Amayo R.**, Akello B., Emokol W., Odongkara K., Bwambale M., Nasuna A., Biso G. and Mutenyo H., (2013). Agricultural technology adoption for orphan crops among rural poor farmers in Uganda. Published in *World Journal of Agricultural Research and Rural Development*.
 15. **Amayo R.**, Omadi JR., Okwang D., Mbeyagala E., Orawu M., and Obuo JP., (2013). Occurrence and distribution of Cowpea Scab disease in Semi-Arid areas of Uganda. *World Journal of Agricultural and Biological Sciences*.
 16. Tugume A. K., **Amayo R.**, Weinheimer I., Mukasa S.B., Rubaihayo P.R., et al., 2013. Genetic Variability and Evolutionary Implications of RNA Silencing Suppressor Genes in RNA1 of Sweet Potato Chlorotic Stunt Virus Isolates Infecting Sweetpotato and Related Wild Species. *PLoS ONE* 8(11): e81479. doi:10.1371/journal.pone.0081479
 17. **Amayo, R.**, Arinaitwe, A. B., Mukasa, S. B.*, Tusiime, G., Kyamanywa, S., Rubaihayo, P. R. and Edema, R. 2012. Prevalence of viruses infecting cowpeas in Uganda and their molecular detection. *African Journal of Biotechnology* Vol. 11(77), pp. 14132-14139.
 18. **Amayo R.**, Omadi J.R. Okwang D., Obuo J.P, & Akello B., 2012. Evaluation of advanced Cowpea lines for agronomic traits, yields, and response to cowpea scab caused by *Sphaceloma* spp. Paper presented at NARO 2012 Scientific Conference, Entebbe.

RESEARCH ARTICLES REVIEWED

1. Prevalence of R genes to potato viruses in Uganda germplasm
2. Influence of wetland borders on the prevalence of fall Armyworm and wasps in maize-soybean cropping system in Eastern Uganda
3. Response of French bean genotypes to *Colletotrichum lindemuthianum* and evaluation of the

basis of their resistance using Sequence Characterized Amplified Region (SCAR) markers.

4. Fusarium Species and Associated Fumonisin Contamination in maize in Eastern Ethiopia
5. In silico analysis of mutations associated with genetic variability of the strains of African cassava mosaic virus (ACMV) in three departments of Côte d'Ivoire

OTHER DOCUMENTS DEVELOPED

1. Cowpea disease management farmers' guide
2. Farmer friendly green gram production manual
3. Factsheet on Cowpea scab disease, Cowpea bacterial blight, Cowpea viruses, etc.
4. Green and yellow pest and disease management decision-making guide
5. Brochures, leaflets/flyers, and farmer training guide

OTHER ROLES AS BUSITEMA UNIVERSITY STAFF

I am currently the Coordinator of the Bachelor of Science in Agriculture Degree Programme, and the Chairperson of the Research Committee for the Department of Crop Production and Management, a member of the Scientific Communication Committee as well as Curriculum Review Committee member of the Faculty of Agriculture and Animal Sciences, Busitema University.

OTHER ROLES NOT AS BUSITEMA UNIVERSITY STAFF

As a graduate student, I have been a College Representative to Ph.D. Fellows Forum called pf@mak at Makerere University for two years. I have also facilitated several lectures, thus, assisted Supervisors in teaching some subjects as well as marking exams at Makerere University. I have also supervised and guided some students both at Masters and Bachelors in their research work. I was a member of three committees (Scientific Committee, Training Committee, and Laboratory Committee) at NaSARRI and was the Chairperson for Delegates representing NaSARRI to the NARO Retirement Benefits Scheme (NRBS). I on several occasions served in the position of acting program leader of the Dryland Legumes Research Program, and a couple of times as Acting Director and sometimes chaired program and institute meetings. I also facilitated seminars and spearheaded the review team at the institute. Participated in several NARO and NaSARRI organized review workshops and conferences, and a couple of times delivered presentations. I have also mentored and still mentored much junior staff in both research and life skills.

PROFESSIONAL MEMBERSHIP

I am a member of several professional bodies including the CONNECTED Virus Network, African Crop Science Society, Alumni of RUFORUM, AuthorAID, Alumni IFS, Alumni PICO-McKnight Mentorship program, YPARD and YPARD-Uganda (Fund Mobilization Manager), WOUGNET Consortium, Ph.D. Fellows' Forum, African Scientists Platform, etc.

BIODATA

Name: ROBERT Amayo **Title:** Mr. **Sex:** Male (M) **Date of birth:** 4th February 1981 **Age:** 41 years
Marital status: Married **Citizenship:** Ugandan

LIST OF PROFESSIONAL REFEREES:

Tusiime Geoffrey(PhD) – Microbiologist and Senior Lecturer School of Agricultural Sciences, College of Agricultural and Environmental Sciences at Makerere University, P. O. Box 7062 Kampala, Uganda; Mob. +256 772674873; E- mail: gtusiime@agric.ma.ac.ug or gwtusiime@gmail.com

Talwana Herbert (PhD) – Entomologist and Ass. Prof. School of Agricultural Sciences, College of Agricultural and Environmental Sciences at Makerere University, P. O. Box 7062 Kampala, Uganda; Mob. +256 772 521685;

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