

MILLCENT OYUGI

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Summary-----

Passionate instructor with thirteen years of experience designing and implementing diverse course syllabi in agricultural education and communication. Motivates students through positive reinforcement and concept reinforcement in the classroom through interactive instruction and observation. Exhibits an exceptional work ethic, collegiality, and a willingness to learn new processes and techniques for effective performance and team effort.

Skills-----

- Student supervision & mentoring
- Instructional skills
- Curriculum development
- Critical thinking skills
- Stakeholder collaboration & networking
- Experience in data collection using:
 - Tobii Eye-Tracker
 - Tobii Pro X2-60)
 - Media-Lab
 - QualtricsTM
- Google Forms
- Survey Monkey
- Experience in data analysis using:
 - SPSS
 - STATA
 - SAS
- MS Office proficient
- Smartboard technology
- Digital information management
- Data science

Education Experience-----

Doctor of Philosophy: Agricultural Communication and Education, 05/2021

Texas Tech University - Lubbock, TX,

- Dissertation: The Nexus Between Agricultural Teachers Association of Texas Mentorship, Job Satisfaction, Burnout, Socio-Demography, and Agriscience Teaching Self-Efficacy

Master of Science: Agricultural Extension, 12/2012

Egerton University - Nakuru, Kenya

- Thesis: Influence of Gender Roles In The Production, Utilization, and Conservation of Underutilized Bambara Nuts Among Smallholder Farmers in Butere and Mumias Counties, Kenya.

Bachelor of Science: Agricultural Education and Extension, 05/2005

Egerton University - Nakuru, Kenya

- Double Majors: Ag. Education and Extension

Certifications-----

- Interviewing and methodological facets of qualitative data analysis, Stellenbosch University, South Africa, Jan 8 – 21, 201
- Agriculture in transition: Between tradition, innovation, and visioning: Building new models for the future, Netherlands Fellowship Program, April 4 to 15, 2016
- Climate change adaptation in agriculture and natural resources management, Netherlands Fellowship Program, February 2 - 13, 2015
- Pro-poor value chain development and actor empowerment, International Institute of Rural Reconstruction in partnership, October 29 to November 2, 2012
- Certificate in e-learning on developing and publishing of digital teaching and learning materials, Futuristic, June 6 to 10, 2011
- Certificate in scientific data management for women in science, IFS & ROFORUM (GEN STATA & SPSS), November 12 to 24, 2009

Professional Experience-----

Post-Doctoral Associate AD, 08/2021 to Current

University of Georgia, UGA– Athens, Georgia

- Post-doctoral research position involves:
 - Conducting formative desk and field research;
 - Writing scholarly articles;
 - Presenting research at national and international meetings;
 - Assisting in the preparation of research proposals;
 - Assisting in the development and implementation of science communication courses;
 - Assisting with the supervision of the other members of the research team; and
 - Other duties as assigned.

Teaching/ Research Assistant, 08/2017 to Current

Texas Tech University, TTU – Lubbock, Texas

- An instructor experienced in virtual and in-person student instruction:
 - Graded over 40 assignments per week and entered grades into the blackboard
 - Stood in for Dr. Amy Boren-Alpizar and Dr. Matt Baker in absences, lecturing, assessing, or providing course material on the following leadership courses:
 - AGED 3315: Personal Leadership Development in Agriculture & NARE
 - AGLS 1300: Agricultural Leadership development
 - AGLS 3302: Theories of Change
- Research assistant position involved:

- Collaborating with Dr. Baker Matt and Dr. Amy Boren to research dissertation/ thesis research completion needs of graduate students from Africa, and results were presented and documented in AIAEE conference proceedings
- Collaborating with faculty and fellow graduate students in research, analysis, writing, and conference presentations
- Collaborating with faculty and fellow students in grant proposal writing for research funding

Assistant Lecturer of Ag. Education and Extension, 01/2013 to 07/2021

Egerton University – Nakuru, Kenya

- Developed course syllabi, delivered, and assessed the following agricultural education and extension courses to undergraduate students:
 - AGED 111: Theories of Knowledge in Agricultural Education and Extension
 - AGED 112: Agricultural Communication Skills
 - AGED 221: Principles of Teaching and Learning Agriculture
 - AGED 211: Agricultural Communication and Technology
 - AGED 312: Technical Reporting and Writing
 - AGED 323: Methods of Teaching Agriculture and Biology
 - AGED 332: Principles of Agricultural Extension
 - AGED 344: Agricultural Education Projects
 - AGED 345: Teaching Practice
 - AGED 424: Statistical & Research Methods in Agricultural Education
 - AGED 433: Extension Program Planning & Development
 - AGED 443: Field Visits and Seminars
 - AGED 435: Agricultural Extension & Rural Development
- Collaborated with colleagues on curriculum revision, evaluation of course syllabi, and course objectives for agricultural education and extension courses
- Posted and supervised students teaching practice and industrial attachment
- Offered career guidance and mentorship to undergraduate students

Departmental Examination Officer, 12/2013 to 07/2017

Egerton University – Nakuru, Kenya

- Headed the departmental examination office
- Coordinated examination moderation and review meetings
- Managed, organized, and stored students' grades
- Ensured confidentiality and integrity of departmental examination documents
- Represented my department in examination disciplinary committees
- Ensured graduating students met the standards required for degree course completion

Livestock Production Officer, 04/2011 to 12/2013

Ministry of Agriculture & Livestock Production – Nyahururu, Kenya

- Developed syllabuses, instructed, and assessed animal health extension students, several courses on extension communication and rural development
- Revised course objectives, course materials, instructional and assessment strategies for the extension communication and rural development courses
- Used tests, quizzes, and other assignments to assess students' learning
- Participated in national examination marking and grading
- Mentored students and communicated internship and employment opportunities
- Evaluated and supervised student activities and industrial attachment

Smallholder Dairy Policy Change Agent, 01/2016 to 07/2019

ISPID Project: Egerton University Chapter – Nakuru, Kenya

- Identified smallholder dairy production and trade policy compliance gaps and communicated findings to project stakeholders
- Trained smallholder dairy farmers on compliant dairy milk production and marketing practices
- Developing work plans and objective regarding dairy policy training needs of smallholder farmers
- Evaluated smallholder compliance to dairy production and marketing policy requirements
- Mobilized smallholder dairy farmers to form a marketing cooperative

High School Teacher, 08/2005 to 08/2007

Teachers' Service Commission – Siaya, Kenya

- Taught biology and agriculture
- Helped struggling students through extra class remedial and consistently checking in on their progress
- Organized laboratory activities for optimum learning, including preparing lessons and student experiments
- Established positive and encouraging relationship with students and imparted an appreciation for agriculture
- Used tests, quizzes, and other assignments to gauge students' learning and understanding of course contents
- Kept classroom environments consistent and focused on learning by establishing and enforcing clear learning objectives
- Organized and supervised agricultural field experiments
- Coordinated students' participation in leadership meetings and agricultural shows

Awards and Scholarships-----

- Dissertation Research Grant, **Texas Tech University**, 2020
- Presidential Graduate Fellowship, **Texas Tech University**, 2017 to 2021
- Training Grant at Stellenbosch University, SA, **Carnegie Fellowship-ADA/EDP**, 2017
- Fifth Biennial Conference Fellowship, SA, **Carnegie/ RUFORUM**, 2016
- Agriculture in Transition Training Fellowship, **Dutch Ministry of Foreign Affairs**, 2016
- Climate Change Adaptation in Agriculture, **Dutch Ministry of Foreign Affairs**, 2015
- Data Science Training Fellowship, **International Foundation of Science (IFS)**, 2009
- Joint Admissions Board Undergraduate Scholarship, **Government of Kenya**, 2000 to 05

Journal Papers-----

- Lamm, K.W., Masambuka-Kanchewa, F., Lamm, A. J., Davis, K., Nahdy, S., **Oyugi, M. A.** (2021). A case study analysis of extension service provision in Malawi [Manuscript submitted for publication]. Department of Agricultural Leadership, Education, & Communication, University of Georgia.
- Othuon V. O & **Oyugi, M. A.** (2017). The impact of key macroeconomic variables on agricultural infrastructure investment and output in Kenya (2005 to 2016). *Journal of Economics and Sustainable Development*, 8(22). <https://core.ac.uk/download/pdf/234648086.pdf>
- Othuon V. O & **Oyugi, M. A.** (2017). Smallholder accelerated market access for inclusive growth, food security, and poverty reduction in Kenya; institutional and macroeconomic perspective: Lessons from Netherland. *Journal of Economics and Sustainable Development*, 8(14). <https://iiste.org/Journals/index.php/JEDS/article/view/37995>
- Oyugi M. A.**, Nandi O. M. J, Amudavi D. M, & Palapala, V, (2014). Gender influence on farmer's level of involvement in utilization and conservation of Bambara Groundnuts. *Asian Journal of Agricultural Extension Economics and Sociology*. 3(6): 721-737. <https://doi.org/10.9734/AJAEES/2014/10285>
- Oyugi, M. A.**, Amudavi, D. M., Nandi J. O. M, & Ombati, J. M. (2014). Gendered roles in Bambara production activities. A case of Butere and Mumias Districts, Kenya. *International Journal of Agriculture and Crop Sciences*, 7(15), 1514-1518. <https://www.ijagcs.com>
- Koskei, R. C., Langat, J. K., Koskei, E. C., & **Oyugi, M. A.** (2013). Determinants of Agricultural Information Access by Smallholder Tea Framers in Bureti District. *Asian Journal of Agricultural Sciences*. 5(5): 102-107. <https://www.airtilibrary.com/Publication/alDetailedMesh?docid=20413890-201309-201508110029-201508110029-102-107>

Conference Presentations-----

- Oyugi, M. A.**, Baker, M., Boren-Alpizar, A., Lawver, D., Bruizuela, S. O., Pablo, L. (April 2021). Hierarchical regression of students' perceived thesis/ dissertation completion confidence: An international study of agricultural education & extension graduate students from Africa. [Paper presentation]. The Association for International Agricultural and Extension Education's Annual Meeting, Greece
- Oyugi, M. A.**, Boren-Alpizar, A., Baker, M. (2020). Perceptions of thesis/dissertation completion needs among agricultural and extension education graduate students in Kenya and the U.S. [Poster presentation]. The Association for International Agricultural and Extension Education's 27th Annual Meeting, St. Petersburg, Florida, USA
- Oketch, P. A., **Oyugi, M. A.**, Boren-Alpizar, A. Baker, M. (2020). The perceived value of field trips in teaching and learning agriculture among teachers and students in Rarieda Sub-County schools, Kenya. [Paper presentation]. The Association for International Agricultural and Extension Education's 27th Annual Meeting, St. Petersburg, Florida, USA
- Hygiena, A. E., Dinh, T., Hill, N., Lawson, C., Opat, K., **Oyugi, M.A.**, Baker, M. (2020). Do shopping and consumer habits influence confidence in the safety of meat products in Vietnam? [Paper presentation]. The Association for International Agricultural and Extension Education's 27th Annual Meeting, St. Petersburg, Florida, USA

Burrow, A., Gibson, C., Baker, M., Doerfert, D., Kim, J.H., & **Oyugi, M. A.** (2019). Trust, caring, and communication with safety in the workplace: The effects of a behavior-based safety ethnographical case study. [Paper presentation]. The Association for International Agricultural and Extension Education's 26th Annual Meeting, Port of Spain, Trinidad and Tobago

Burrow, A., Gibson, C., Baker, M., Doerfert, D., Kim, J. H., & **Oyugi, M. A.** (2019). Behavior-based safety and its applications in organizational settings. [Poster presentation]. The Association for International Agricultural and Extension Education's 26th Annual Meeting, Port of Spain, Trinidad and Tobago

Retta, L., Assefaw, E., Baker, M., Lawver, D., Klein, C., **Oyugi, M. A.** & Gikunda, R. (2018). Challenges and opportunities for managing green space in Addis Ababa, Ethiopia. [Paper presentation]. The Association for International Agriculture and Extension Education's 26th Annual Meeting, Merida, Yucatan, Mexico

Retta, L., Assefaw, E., Baker, M., Lawver, D., Klein, C., **Oyugi, M. A.**, & Gikunda, R. (2018). Spatial-temporal analysis of green space in Addis Ababa, Ethiopia. [Poster presentation]. The Association for International Agriculture and Extension Education's 26th Annual Meeting, Merida, Yucatan, Mexico

Languages-----

English, Swahili, and Luo

Professional Memberships-----

- Member, American Association for Agricultural Education, 2021
- Member, Association for International Agricultural and Extension Education, 2017 to present
- Member, Honor Society of Phi Kappa Phi- Texas Tech Chapter, 2018 to present
- Member, Access Agriculture, 2021 to present
- Member, Agricultural Education, and Communications Graduate Organization, 2018 to present