

**CURRICULUM VITAE**  
**NAME: MARY ADU KUMI**

POSTAL ADDRESS: PRESBYTERIAN UNIVERSITY COLLEGE GHANA,  
FACULTY OF DEVELOPMENT STUDIES, AKUAPEM CAMPUS,  
P. O. BOX 393, AKROPONG-AKWAPIM, E/R. GHANA.

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PHONE NUMBER: 233 244 215 176

DATE OF BIRTH: 13th January, 1958

**EDUCATION**

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- **PhD CANDIDATE: ENGINEERING (ADVANCED TECHNOLOGIES) MAY, 2015 -DATE**

**University Name:** Open University Malaysia (OUM)/Accra Institute of Technology (AIT), Accra.

**Dissertation: "Title":** Predicting the Functionality of Learner-based Video Communication System Design

**Committee:** Prof. Clement Dzidonu, Dr. Benjamin Aggrey-Ntim and Dr. Essel Ben Hagan

- **PhD STUDENT: ENGINEERING (ADVANCED TECHNOLOGIES) MAY, 2014 - MAY 2015**

**University Name:** Open University Malaysia (OUM)/Accra Institute of Technology (AIT), Accra.

**Dissertation: "Title":** Predicting the Functionality of Learner-based Video Communication System Design

**Committee:** Prof. Clement Dzidonu, Dr. Benjamin Aggrey-Ntim and Dr. Essel Ben Hagan

- **PhD STUDENT, COMMUNICATION AND INNOVATION STUDIES, MARCH 2010 – MARCH 2011**

Read academic literature and developed research proposal for PhD project, Participated, followed and passed more than twelve (12) PhD Level Courses for Award of Certificates worth over 30 Credits for Courses including:

<b>Courses</b>	<b>ECTS</b>
Information Literacy PhD including Endnote Introduction, April 27 and 28, 2010	0.6
Seminar participation Sustainability and Take-up of Multi-Trophic Agriculture & Aquaculture Systems, May 31, 2010	1
Atlas.ti, a hands-on practical, May 18-June 1, 2010	0.5
Mobilising your Scientific Network, June 3 and 10, 2010	1
Agricultural and Natural resources Management: A multi criteria approach	1.5
Doing Interpretative Analysis, June 7-18, 2010	3
Qualitative data analysis for development research, June 15 and 16, 2010	1.5
Innovation for Sustainability: Bringing theory into practice, 1-5 November 2010	3
International Environmental Economics: Pollution Control and International Environmental Agreements, January 24-28 2011	2
Investigating technology: Politics Power and the Social Shaping of Technology, January 17 – February 11, 2011	4
Beginners course Video Practice in Professional Research, February 2011	2.8
Basic training Course CERES Utrecht, March-May 2011	10

**University Name:** Wageningen School of Social Sciences (WASS), Wageningen University of Research (WUR), The Netherlands

**Dissertation: “Title”:** The effectiveness of using film in Agricultural Extension in the Cocoa Sector in Ghana

**Committee:** Prof Cees Leeuwis (chair), Name: Dr. Rico Lee, Name: Dr. Loes Witteveen

- **PROFESSIONAL MASTER OF DEVELOPMENT, SPECIALIZATION RURAL EXTENSION AND TRANSFORMATION, Now RURAL DEVELOPMENT AND COMMUNICATION**

MAY 2006 –SEPTEMBER 2007

Courses studied include:

- Management and Transformation of Development Organizations
- Project Management
- Management and Planning
- Research Design and Implementation
- Professional Environment Analysis
- Learning and Transformation

- Communication and Innovation studies
- **Master Thesis - Passed with Distinction**  
**University Name:** Van Hall Larenstein University of Applied Sciences, Part of Wageningen University of Research (WUR), The Netherlands  
**Thesis: “Title”** A touch of magic: Unveiling the Art of Farmer Participatory Videos! Farmer Participatory Video (FPV): Communication for Social Learning and Transformation in Ghana. 63p  
**Advisor: Name:** Dr. Loes Witteveen
- **POSTGRADUATE DIPLOMA IN SEED PATHOLOGY**  
JUNE 1993—SEPTEMBER 1994  
Studied Seed borne Fungal Diseases, Seed borne Bacterial Diseases, Seed borne Virus Diseases, Seed borne Nematodes, Seed Health Testing in Mycology, Virology, Bacteriology.  
**University Name:** DANISH GOVERNMENT INSTITUTE OF SEED PATHOLOGY FOR DEVELOPING COUNTRIES, COPENHAGEN, DENMARK  
**Committee:** Wolffhechel, H., Hansen, H. J. and Mathur, S. B.
- **POSTGRADUATE CERTIFICATE OF RESEARCH IN SEED PATHOLOGY**  
JUNE 1993—SEPTEMBER 1994  
Conducted research studies in SEED BORNE Cocoa Diseases  
**University Name:** DANISH GOVERNMENT INSTITUTE OF SEED PATHOLOGY FOR DEVELOPING COUNTRIES, COPENHAGEN, DENMARK  
**Research “Titles”** 1. Seed transmission of *Phytophthora* in *cacao*. Published in Seed Science and Technology, (24) 593-595 [CN 129] by Kumi, M. A., Wolffhechel, H., Hansen, H. J. and Mathur, S. B. (1996) as RESEARCH NOTE  
2. Seed transmission of CSSVD in cacao in Ghana.  
**Committee:** Kumi, M. A., Wolffhechel, H., Hansen, H. J. and Mathur, S. B. & Sven-Eric Albrechtsen
- **B. SC. (HONOURS) AGRICULTURE: PLANT PROTECTION (MAJOR)** 1981  
SEPT 1977 -MAY 1981  
Minored in Seed Science & Technology  
**University Name:** University of Science and Technology, Kumasi, Ghana  
Graduated Summa Cum Laude  
**Thesis:** Effect of population density on food intake, digestibility, growth and development of *Sylepta derogata*

## HONORS AND AWARDS

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- **DUTCH FELLOWSHIP for Post Graduate Studies in Plant Protection** 1989  

For 4-months study towards Award of Certificate in Plant Protection (Entomology, Mycology, Nematology & Virology, Seed Science & Weed Science at the International Agric Centre, (IAC) Wageningen, The Netherlands
- **DANIDA FELLOWSHIP for Post Graduate Studies in SEED Pathology & Research** 1994  

For 15-months study of Seed borne Fungal Diseases, Seed borne Bacterial Diseases, Seed borne Virus Diseases, Seed Testing, Mycology, Virology, & Bacteriology towards Awards of Diploma in SEED Pathology and for Research on Seed Transmission of Cocoa Diseases and CSSVD at the Danish Government Institute of Seed Pathology for Developing Countries, Copenhagen, Denmark.
- **DUTCH FELLOWSHIP for Extension Development for Integrated Pest Management (IPM)** 1999  

Two-weeks studies for Award of Certificate in Extension Development for Integrated Pest Management (IPM) at the Arab Republic of Egypt Ministry of Agriculture & Land Reclamation, organized by The Egyptian International Centre for Agriculture (EICA) Cairo, Egypt & International Agricultural Centre, Wageningen-The Netherlands
- **KUAPA KOKOO STUDY GRANT for Best Practices in Microfinance** 2001  

Two-weeks studies for the Award of Certificate in Best Practices in Microfinance organized by GHAMFIN & GIMPA at GIMPA, Accra, Ghana.
- **KUAPA KOKOO STUDY GRANT for Resource Development Management** 2001  

Two-weeks studies for the Award of Certificate in Resource Development Management, organized by CEDEP (Centre for the Development of People) at Kumasi, Ghana
- **DUTCH FELLOWSHIP for Participatory Planning Monitoring & Evaluation (PPM&E)** 2002  

Three –weeks studies for the award of Certificate in Participatory Planning Monitoring & Evaluation (PPM&E) at the International Agric Center (IAC) Wageningen,

The Netherlands.

- **US GRANT for SPEAKING EVENTS in 24 cities and Universities in the USA on Fair Trade Cocoa & Child Labour in Cocoa Production** 2003

Lunchtime talk to representatives of supportive organizations and Labour coalitions, 100 Maryland Avenue, Conference Room 1 (The Methodist Building) Maryknoll Affiliates, Monday March 24, Washington, DC

**Topic:** Child Labour in Cocoa Farming.

Chocolate Evening speaking event to Duke University Students, Durham, against Sweatshops. Wednesday March 26 (North Carolina) NC

**Topic:** No Blood Stains in Ghana's Chocolates.

Child Labour Speaking event to Bard College, Bard Fair Labour Organizing Committee, Thursday March 27 Annandale on Hudson, NY

**Topic:** Legal implications of Child Labour in Cocoa.

Chocolate Speaking event at local high schools. Proceedings, Pacific and Asian Affairs Council, Monday, March 31 2003  
In: Chocolate, DVD, 3.78 GB (2003), Producer; Chris Hayden, Pacific and Asian Affairs Council, Honolulu, HI

**Topic:** Fair Trade Marketing of 'Divine' Chocolate for Improving Livelihoods of Smallholder Cocoa Farmers in Ghana.

Chocolate Speaking event at local high schools. Colorado College, Ft. Collins, CO Proceedings, Pacific and Asian Affairs Council, Tuesday April 1, In: Chocolate, DVD, 3.78 GB (2003), Producer; Chris Hayden, Pacific and Asian Affairs Council, Honolulu, HI

**Topic:** Building Social and Economic Equity: Finding Racial & Economic, Equality between the North and the South.

Chocolate speaking event at Trinity University, San Antonio, Wednesday April 2: 2003 In: Chocolate, DVD, 3.78 GB (2003), Producer; Chris Hayden, Pacific and Asian Affairs Council, Honolulu, HI

**Topic:** Fair Trade Cocoa for Farmers.

Chocolate speaking event at Phillips Church Exeter, Social Service Organizations, Friday April 4 (New Hampshire) Manchester, NH.  
 In: *Chocolate, DVD*, 3.78 GB (2003), Producer; Chris Hayden,  
 Pacific and Asian Affairs Council, Honolulu, HI  
**Topic:** Fair Trade Premium and Provision of Rural Social Services.

Chocolate speaking event at New Hampshire Manchester, NH. to  
 Anti-Slavery Group, Friday April 4 (In: *Chocolate, DVD*, 3.78  
 GB (2003) Producer; Chris Hayden, Pacific and Asian Affairs  
 Council, Honolulu, HI  
**Topic:** Fair Trade Premium for Child Welfare in Rural Ghana,

- **US GRANT for Giving Keynote Address to Fair Trade Federation Conference.** 2003  
 Sunday March 30, 2003 Madison, WI.  
<http://www.globalexchange.org>, <http://www.fairtradefederation.org>  
**Topic:** Deliver the cocoa farmer's daughter from slavery, Buy 'Divine' Chocolates.
- **USAID TRAINING GRANT for Master Trainers Training of Trainers (IPM)** 2003 -2006  
 Three years & two-weeks study for Award of Certificate in Master Trainers Training of Trainers (IPM) by International Institute of Tropical Agriculture (IITA), Sustainable Tree Crops Program (STCP) at Humid Forest Eco-regional Centre (HFC) Cameroon & Ghana.
- **DUTCH FELLOWSHIP for Master Studies** 2006  
 For 12-months study towards Award of Professional Master of Development, Specialization Rural Extension and Transformation, Now Rural Development and Communication
- **DUTCH PhD STUDIES AWARD** 2007  
 For automatic enrollment into Dutch University after obtaining Distinction in Master Thesis
- **DUTCH FELLOWSHIP for Certificate Studies** 2008  
 For 2-weeks study towards Award of Certificate in Development of Participatory Crop improvement to support small-scale farmers

Kumasi. By Wageningen International, The Netherlands  
& GreenWeb Consult, Ghana

- **MILLENNIUM CHALLENGE ACCOUNT (MCA) / MILLENNIUM DEV  
AUTHORITY (MiDA) GRANT** 2008  
  
For 11-days study towards Award of Certificate for Commercial  
Development of Farmer-Based Organizations, at the NODA  
Hotel, Kumasi, Ghana
- **Wageningen University of Research (WUR), The Netherlands  
& PUCG GRANT** 2009  
  
Five-days studies towards Award of Certificate in Visual Problem  
Appraisal Training Tool for problem analysis and policy design.
- **DUTCH FELLOWSHIP for PhD studies** 2010  
  
15-months study as PhD STUDENT with the COMMUNICATION  
AND INNOVATION STUDIES Research Team. Read academic  
literature and develop research proposal for PhD project.  
Participated, followed and passed more than twelve (12)  
PhD Level Courses with Certificates. Earned over 30 credits
- **INTERNATIONAL RESEARCH INITIATIVES CONFERENCE  
AWARD** 2014  
  
Won the **BRONZE AWARD** in the **Computing Sciences  
Category** of the INTERNATIONAL RESEARCH INITIATIVES  
CONFERENCE (IRIC) of the **2014** Conference Presentations
- **INTERNATIONAL RESEARCH INITIATIVES CONFERENCE  
AWARD** 2015  
  
Won the **SILVER AWARD** in the **Computing Sciences Category**  
of the INTERNATIONAL RESEARCH INITIATIVES  
CONFERENCE (IRIC) of the **2015** Conference Presentations
- **PRESBYTERIAN UNIVERSITY COLLEGE GHANA, GRANT for  
PhD studies** 2017  
  
For supporting 4-years studies as PhD CANDIDATE:  
ENGINEERING (ADVANCED TECHNOLOGIES) at the  
Open University Malaysia (OUM)/Accra Institute of Technology  
(AIT), Accra on dissertation title 'Predicting the Functionality

of Learner-based Video Communication System Design’ with a Research Team made up of Prof. Clement Dzidonu, Dr. Benjamin Aggrey-Ntim and Dr. Essel Ben Hagan among others.

## TEACHING EXPERIENCE

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### Details of Teaching Experience in a University

18. LECTURESHIP, PRESBYTERIAN UNIVERSITY COLLEGE, GHANA,  
OCTOBER 2007 - 2014

19. SENIOR LECTURESHIP, PRESBYTERIAN UNIVERSITY COLLEGE, GHANA,  
SEPTEMBER 2014 – DATE

20. LECTURESHIP, OUM /AIT, JANUARY 2018 -DATE

21. Courses taught including course codes, titles, credit hours

#### COURSE CODE and TITLE

#### CREDIT HOURS

##### FIRST SEMESTER COURSES

#### LEVEL 100 courses

- |   |   |   |
|---|---|---|
| - | <p>PERM 101 The Biosphere and Natural Resources</p> <p>This course consolidates understanding of the biosphere as the human habitat, and of the natural resources embedded therein.</p>   | 3 |
| - | <p>PGNS 101 Environmental Science</p> <p>The course deals with Concepts of the environment, Ecology and the environment, Natural resources, The Natural Resources of Ghana, Water quality and pollution, Air Pollution, International Conventions and Protocols</p> | 3 |

#### LEVEL 200 courses

- |   |   |   |
|---|---|---|
| - | <p>PERM 203 Introduction to Soil Science</p> <p>The course introduces processes of soil formation; soil classification; soil chemical and physical properties; biological soil processes; soil chemical and physical properties; biological soil processes; soil fertility determination and maintenance; threats to soil and soil conservation</p> | 3 |
|---|---|---|

#### LEVEL 300 courses

- |   |   |   |
|---|---|---|
| - | <p>PERM 309 Plant Molecular Biology and Chemistry</p> <p>The course deals with cellular complexity of plants; arrangement, shape, size, development</p>         | 3 |
| - | <p>PBES 305 Biogeography and Soils</p> <p>The course provides students with theoretical and field understanding of basic processes governing the geographic</p> | 3 |

distribution of biota and soils of the world.

**LEVEL 400 courses**

- PERM 417 Supervision of Project Work I 3  
This is a Supervised researched long essay based upon  
filed wok, and built upon existing body of knowledge  
about sustainable environmental and natural resource  
management knowledge

**SECOND SEMESTER COURSES**

**LEVEL 200 courses**

- PERM 201 Introduction to General Biology 2  
This course provides students with the understanding  
of the structure and function of organisms with reference  
to molecular, biochemical and physiological aspects of  
the living world.
- PERM 204 Morphology and Anatomy of plants 3  
The course introduces the cell: cellular complexity of plants;  
arrangement, shape, size, development.
- PERM 210 Research Methods I 3  
The course trains students on methods and techniques  
in social and educational research studies.

**LEVEL 300 courses**

- PERM 309 Plant Molecular Biology & Chemistry 3  
The course provides students with theoretical and practical  
understanding of cellular mechanisms of plant development,  
control systems of plants and plant movements as model for  
studying control systems and photoreceptors and plant  
responses to environmental stress and plant defense  
mechanisms.
- PERM 302 Soils Management 3  
The course gives a review of sustainable soils management  
principles and practices plus instructions in identification of  
soil classes and their capability with special reference to  
hill areas
- PERM 316 Supervision of Long Vacation Internship 3  
This is a six-week long vacation internship for relevant  
work experience in an approved establishment. A written  
report serves as the primary basis for course performance  
assessment.
- PERM 324 Pests & Diseases in Forests 3  
The course provides biological basis for recognizing,  
diagnosing, and managing insects and pathogens  
affecting multiple uses of forest resources towards

general understanding of the roles insect and pathogens play in natural ecosystem processes.

#### LEVEL 400 courses

- PERM 418 Supervision of Project Work II 3  
This is a Supervised researched long essay based upon filed wok, and built upon existing body of knowledge about Sustainable Environmental and Natural Resource Management knowledge.

#### GRADUATE COURSE

- SMRM 5203: Science and Technical Research Methodology 3**  
The course provides some fundamental principles and practices of research methodology in ICT setting and their application in the design of a research project.

**Total Credit Hours 44**

- Taught each of listed Courses, to undergraduate or graduate students averaging 150 students per semester, covering the topics discussed.
- **Developed quizzes, exams, and homework** for each class fortnightly
- **Conducted Major Class Assessments** each semester
- **Marked and graded** all course assessments including mid semester and final examinations
- **Revised the syllabus** of the Environmental and Natural Resources Management to meet accreditation standards 2008, and 2009.
- **Coordinated grading** and labs without teaching assistant for PUCG in 2007/2008 academic year.
- **Coordinated grading** and labs without teaching assistant for PUCG in 2008/2009 academic year.
- **External Examiner:**
  - Examined two (2) Master Theses for International Master Students towards the award of Master in Management of Development, Specialization Rural Development and Communication (2010/11). Van Hall Larenstein University of Applied Sciences, Wageningen University of Research, Wageningen, The Netherlands.
  - Examined 48 Master Theses for students in Open University Malaysia / Accra Institute of Technology (OUM/AIT) during Video VIVA VOCE and Face-Face Defense of Capstone Projects for 2017/18 academic year.
  - Examined 18 Master Theses for Video VIVA VOCE and Face-Face Defense of Capstone Projects for 2018/19 academic year
- 22. **Internal Examiner:**
  - Examined five (5) Master Theses for M. ED students toward the award of Masters in Educational studies for Faculty of Education, PUCG. (2019)

### 23. Project Supervision:

- Supervised 1 Master Theses for Open University Malaysia / Accra Institute of Technology (OUM/AIT) on Capstone Project 2016/17 academic year
- Supervised 2 Master Theses for Open University Malaysia / Accra Institute of Technology (OUM/AIT) on Capstone Projects 2017/18 academic year.
- Supervised 3 Master Theses for Open University Malaysia / Accra Institute of Technology (OUM/AIT) on Capstone Projects 2018/19 academic year
- Supervised 3 Master Theses for Open University Malaysia / Accra Institute of Technology (OUM/AIT) on Capstone Projects 2019/2020 academic year
- Supervised 4 M. ED student Project Work, PUCG 2018/19 academic year.
- Supervised 5 M. ED student Project Work, PUCG 2019/2020 academic year
- Supervised over 80 undergraduate student projects, PUCG 2010 -Date.

## RESEARCH EXPERIENCE

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### Details of Research undertaken with Dates:

- Researched the usefulness of learner-based video presentations in academic environments 2006
  - Researched the uses of Farmer Field School Approach for training Farmers 2006 - 2010
  - Compared the costs associated with the use of video with the use of Farmer Field School Approach for training Farmers 2010
  - Examined sociological factors associated with the use of video presentation technologies in teaching and learning 2010 – 2014
  - Developed frameworks for examining the factors that influenced functionality of video in teaching and learning environments 2014- 2016
  - Predicted the determinants of functionality and outcome of video in teaching and learning environments 2017
  - Predicted the audience behaviors in the functionality of video in teaching and learning environments 2018
  - Predicted the audience behaviors as the determinant of functionality and outcome of video communication in academic environments 2019
1. Seed transmission of Phytophthora in cacao. by **Kumi, M. A.**, Wolffhechel, H., Hansen, H. J. and Mathur, S. B. 1996  
**Location:** DGISP Copenhagen, Denmark  
**Advisor:** Dr. S. B. Mathur  
**Accomplishment:** Joint Authorship of paper for publication as RESEARCH NOTE: *Seed Science and Technology* 24, 593-595. [CN 129]
  2. Effective technology and knowledge dissemination on cocoa integrated crop and pest management by David, S., Bassanaga, S., Wandji, N., Okuku, I., Couloud, J. Y., **Adu Kumi, M.**, Agordorku, S., Mva Mva, J., Okafor, C., Assamoi, R. Y., Gyamfi, I., van Grinsven, P., Voss, J., Gockowski, J., and Weise, S. 2004  
**Location:** STCP / IITA West Africa  
**Advisor:** Dr. S. Weise  
**Accomplishment:** Joint Authorship of paper for publication in *International*

*Institute of Tropical Agriculture (IITA) Accra, Ghana* Available online from <http://liferay.iita.org/web/stcp/links/training>

3. An Initial Assessment of the Producer Costs and Benefits of Farmer Field School Training, by Gockowski, J., David, S., Okuku, I., Nkeh J., Wandji, D., Asamoah, C., Agordorku, S., and **Adu Kumi, M.** **2005**  
**Location:** IITA /STCP Kumasi, Ghana  
**Advisor:** Dr. Jim Gockowski  
**Accomplishment:** Joint Authorship of paper for publication in *International Institute of Tropical Agriculture (IITA), Accra, Ghana, Impact Brief (3)* Available online from [http://liferay.iita.org/c/document\\_library/get\\_file?p\\_l\\_id=98893&folderId=99883&name=DLFE-1113.pdf](http://liferay.iita.org/c/document_library/get_file?p_l_id=98893&folderId=99883&name=DLFE-1113.pdf)
4. Cocoa agro-forests in West Africa. A look at activities on preferred trees in the farming systems: by **Asare, Richard** **2005**  
**Location:** IITA /STCP Kumasi, Ghana  
**Advisor:** Richard Asare  
**Accomplishment:** Contributions to facilitating field visits and office work from Mary Adu- Kumi of Ghana, Mr. Robert Yapo Assamoi and Madam Aka of Côte d'Ivoire, Dr. Stefan Weise and Mr. Jonas Mva Mva of Cameroon and; Drs. Chris Okafor and Innocent Okuku of Nigeria and others towards Joint Authorship of Chapter for publication In *Forest & Landscape Working Papers (6)* 2005 [www.SL.kvl.dk](http://www.SL.kvl.dk), pp 89
5. Learning about sustainable cocoa production: a guide for participatory farmer training.  
1. Integrated crop and pest management: by **S. David** **2005**  
**Location:** IITA /STCP Yaounde, Cameroon  
**Advisor:** S. David  
**Accomplishment:** With Contributions from Mary Adu Kumi and others towards Joint Authorship of **Guide Book** for publication by S. David for *Sustainable Tree Crops Program / International Institute of Tropical Agriculture Accra, Ghana*. March 2005 Version; pp 188 Available online from <http://liferay.iita.org/web/stcp/links/training>
6. Child Labour Investigations and Interventions in the Cocoa Sector: by **Jim Gockowski (STCP/IITA)** With Contributions & acknowledgement to **Mary Adu Kumi** and others **2006**  
**Location:** IITA /STCP Kumasi, Ghana  
**Advisor:** Dr. Jim Gockowski  
**Accomplishment:** Contributed country field data together with Sylvanus Agordorku, Isaac Gyamfi and Sonii David (STCP/IITA) and Kouadjo Jean Marc towards Joint Authorship of paper for publication and acknowledgements in *International Institute of Tropical Agriculture (IITA) Impact Briefs*. (6)1-3 (revised) Available online at <http://liferay.iita.org/web/stcp/news-events/impact-briefs>
7. Learning about neighbour trees in cocoa growing systems: A manual for

farmer trainers: by **Richard Asare**, With contributions from **Mrs. Mary Adu-Kumi of STCP and Okyeame Ampadu-Adjei, Yaw Osei-Owusu and Philip Barger** of CI.

**2006**

**Location:** IITA /STCP Kumasi, Ghana

**Advisor:** Richard Asare

**Accomplishment:** Contributed country field data towards Joint Authorship of book for publication in *Development and Environment* No. 4. 2006. *The Danish Centre for Forest, Landscape and Planning* • KVL Hørsholm Kongevej 11 DK-2970 Hørsholm. pp 78

8. A Guide for Conducting Farmer Field Schools on Cocoa Integrated Crop and Pest Management, by **Soniia David, Sylvanus Agordorku, Simon Bassanaga, Jean Yves Couloud, Mary Adu Kumi, Innocent Okuku and Dieu ne dort Wandji**.

**Location:** IITA /STCP Kumasi, Ghana

**2006**

**Advisor:** Dr. Sonii David

**Accomplishment:** Joint Authorship of FFS Implementation Manual for Cocoa Integrated Pest Crop and Pest Management for publication in *International Institute of Tropical Agriculture (IITA)*, Accra, Ghana 105p Available online at <http://liferay.iita.org/web/stcp/links/training>

9. An Evaluation of Farmer Field School Training on the Livelihoods of Cocoa Farmers in Atwima District, Ashanti Region, Ghana by Gockowski, J., Asamoah, C., David, S., Nkamleu, G.B., Gyamfi, I., Agordorku, S. & **Adu Kumi, M.** **2006**

**Location:** IITA /STCP Kumasi, Ghana

**Advisor:** Dr. Jim Gockowski

**Accomplishment:** Joint Authorship of paper for publication in *International Institute of Tropical Agriculture (IITA)*, Accra, Ghana *Working Paper Series*, (1) Available online at [http://liferay.iita.org/c/document\\_library/get\\_file?p\\_1\\_id=98894&folderId=99929&name=DLFE-1125.pdf](http://liferay.iita.org/c/document_library/get_file?p_1_id=98894&folderId=99929&name=DLFE-1125.pdf)

10. A facilitator's handbook for conducting farmer field schools on cocoa integrated crop and pest management, by **DAVID, S. And S. AGORDORKU, S. BASSANAGA, J.Y. COULOD, M. ADU-KUMI, I. OKUKU, D. WANDJI**.

**2006**

**Location:** IITA /STCP West and East Africa

**Advisor:** Dr. David Sonii

**Accomplishment:** Joint Authorship of handbook for publication in *International Institute of Tropical Agriculture (IITA)* (2006) Accra, Ghana, Available online at <http://liferay.iita.org/web/stcp/links/training>

11. Women Cocoa Farmers in Ghana Have Something to Smile About! by S. David, I. Gyamfi (STCP / IITA) & Mary Adu Kumi (STCP / Kuapa Kokoo)

**2006**

**Location:** IITA /STCP Kumasi

**Advisor:** Dr. David Sonii

**Accomplishment:** Joint Authorship of Newsletter for publication in *International Institute of Tropical Agriculture (IITA)* (2006) Accra, Ghana, Available at <http://liferay.iita.org/web/stcp/news-events/newsletters>

12. Cocoa Production Videos – English, [Episode 1 - Pruning mature cocoa trees](#)  
 AVI – 114MB by **International Institute for Tropical Agriculture (IITA)/Sustainable Tree Crops Program (STCP), Mary Adu Kumi (STCP) and Sylvanus Agordorku (STCP)** 2006  
**Location:** IITA /STCP Kumasi, Ghana  
**Advisor:** Dr. Sonii David  
**Accomplishment:** Joint Authorship of Video for International Institute of Tropical Agriculture (IITA), Accra, Ghana Published by the *International Institute for Tropical Agriculture*, Accra, Ghana.
  
13. Cocoa Production Videos – English, [Episode 2 - Using cultural practices to control black pod disease](#), AVI – 115.6MB by **International Institute for Tropical Agriculture (IITA)/Sustainable Tree Crops Program (STCP), Mary Adu Kumi (STCP) and Sylvanus Agordorku (STCP)** 2006  
**Location:** IITA /STCP Kumasi, Ghana  
**Advisor:** Dr. Sonii David  
**Accomplishment:** Joint Authorship of Video for International Institute of Tropical Agriculture (IITA), Accra, Ghana Published by the *International Institute for Tropical Agriculture*, Accra, Ghana.
  
14. Cocoa Production Videos – English, [Episode 3 - Using chemicals to control black pod disease](#) AVI – 106.8MB, by **International Institute for Tropical Agriculture (IITA)/Sustainable Tree Crops Program (STCP), Mary Adu Kumi (STCP) and Sylvanus Agordorku (STCP)** 2006  
**Location:** IITA /STCP Kumasi, Ghana  
**Advisor:** Dr. Sonii David  
**Accomplishment:** Joint Authorship of Video for International Institute of Tropical Agriculture (IITA), Accra, Ghana Published by the *International Institute for Tropical Agriculture*, Accra, Ghana.
  
15. Cocoa Production Videos – English, [Episode 4 - Harvesting cocoa pods](#), AVI – 97MB, by **International Institute for Tropical Agriculture (IITA)/Sustainable Tree Crops Program (STCP), Mary Adu Kumi (STCP) and Sylvanus Agordorku (STCP)** 2006  
**Location:** IITA /STCP Kumasi, Ghana  
**Advisor:** Dr. Sonii David  
**Accomplishment:** Joint Authorship of Video for International Institute of Tropical Agriculture (IITA), Accra, Ghana Published by the *International Institute for Tropical Agriculture*, Accra, Ghana.
  
16. Participatory Video: A tool for dissemination of improved agronomic technologies to cocoa farmers in Ghana, by **A. Y Akrofi, J. E. Sarfo, F. M. Amoah, Nick Nathaniels, Keith Holmes, I. O. O. Ansah, I. Gyamfi, M. Adu Kumi, & E. Cobbah** 2007  
**Location:** IITA / STCP Accra  
**Advisor:** A. Y. Akrofi  
**Accomplishment:** Joint Authorship of Paper presented at the *International Cocoa Research Conference*, San Jose, Costa Rica, (2006) 1737-1742

17. Cocoa Production Videos – English, [Episode 5 - Fermenting cocoa](#) AVI – 201.9MB by **International Institute for Tropical Agriculture (IITA)/Sustainable Tree Crops Program (STCP), Mary Adu Kumi (STCP) and Sylvanus Agordorku (STCP)** **2007**  
**Location:** IITA /STCP Kumasi, Ghana  
**Advisor:** Dr. Sonii David  
**Accomplishment:** Joint Authorship of Video for International Institute of Tropical Agriculture (IITA), Accra, Ghana Published by the *International Institute for Tropical Agriculture*, Accra, Ghana.
  
18. Cocoa Production Videos – English, [Episode 6 - Drying and storing cocoa beans](#) AVI – 94MB, by **International Institute for Tropical Agriculture (IITA)/Sustainable Tree Crops Program (STCP), Mary Adu Kumi (STCP) and Sylvanus Agordorku (STCP)** **2007**  
**Location:** IITA /STCP Kumasi, Ghana  
**Advisor:** Dr. Sonii David  
**Accomplishment:** Joint Authorship of Video for International Institute of Tropical Agriculture (IITA), Accra, Ghana Published by the *International Institute for Tropical Agriculture*, Accra, Ghana.
  
19. Cocoa Production Videos – English, [Episode 7 - Cultural practices to control mirids](#) AVI – 115.9MB, by **International Institute for Tropical Agriculture (IITA)/Sustainable Tree Crops Program (STCP), Mary Adu Kumi (STCP) and Sylvanus Agordorku (STCP)** **2007**  
**Location:** IITA /STCP Kumasi, Ghana  
**Advisor:** Dr. Sonii David  
**Accomplishment:** Joint Authorship of Video for International Institute of Tropical Agriculture (IITA), Accra, Ghana Published by the *International Institute for Tropical Agriculture*, Accra, Ghana.
  
20. Cocoa Production Videos – English, [Episode 8 - Using chemicals to control mirids](#) AVI – 175MB, by **International Institute for Tropical Agriculture (IITA)/Sustainable Tree Crops Program (STCP), Mary Adu Kumi (STCP) and Sylvanus Agordorku (STCP)** **2007**  
**Location:** IITA /STCP Kumasi, Ghana  
**Advisor:** Dr. Sonii David  
**Accomplishment:** Joint Authorship of Video for International Institute of Tropical Agriculture (IITA), Accra, Ghana Published by the *International Institute for Tropical Agriculture*, Accra, Ghana.
  
21. **Dissertation:** A touch of magic: Unveiling the art of Farmer Participatory Videos! Farmer Participatory Video (FPV): Communication for Social Learning and Transformation in Ghana, by **Mary Adu Kumi** **2007**  
**Location:** Wageningen University of Research, The Netherlands  
**Advisor:** Dr. Loes Witteveen  
**Accomplishment:** Master Thesis 63p with Distinction and automatic scholarship award for enrollment to 4 year PhD studies in Wageningen University of Research (WUR).

22. Learning about sustainable cocoa production: a guide for participatory farmer training, 1. Integrated crop and pest management by Kumi, M. A. In: S. **David (ed.)**  
**2008**  
**Location:** IITA /STCP Kumasi  
**Advisor:** S. David  
**Accomplishment:** Joint Authorship of **Guide Book** for publication in S. **David (ed.)**  
*Sustainable Tree Crops Program / International Institute of Tropical Agriculture Accra, Ghana.* (September 2008 version). Pp 227 Available online at  
<http://liferay.iita.org/web/stcp/links/training>
  
23. An Evaluation of Changes in the Production Practices of Ghanaian Cocoa Farmers Following Farmer Field School Training, by **Jim Gockowski, Chris Asamoah, Sonii David, Mary Adu Kumi and Isaac Gyamfi.**  
**2010**  
**Location:** IITA /STCP Accra  
**Advisor:** Jim Gockowski  
**Accomplishment:** Joint Authorship of paper for publication in *Journal of Agricultural Education and Extension, JAEE 17 (3) 45-56*
  
24. Increasing Local Production of Cocoa through Deconstruction of Technical Knowledge in Films by Farmers in Rural Ghana.  
**2012**  
**Location:** Presbyterian University College, Ghana,  
**Advisor:** Mary Adu Kumi  
**Accomplishment:** Authorship of paper for publication in *International Journal of Management, Entrepreneurship and Technology, 2 (2) 27* Available online from <http://www.ijmetonline.org>
  
25. The Reception and Acceptance of Farmer-Films by Cocoa Framers at Bomfa in the Ashanti Region of Ghana, by **M.A. Kumi and J. A. Kumi**  
**2012**  
**Location:** Presbyterian University College, Ghana,  
**Advisor:** Mary Adu Kumi  
**Accomplishment:** Joint Authorship of paper for publication in *International Journal of Management, Entrepreneurship and Technology, 2 (1) 14* Available online from  
<http://www.ijmetonline.org>
  
26. Beyond the Magic in Farmer Videos: Changes in Production Practices of Farmers Involved in Video Training Approach by Mary Adu Kumi  
**2013**  
**Location:** Presbyterian University College, Ghana,  
**Advisor:** Mary Adu Kumi  
**Accomplishment:** Authorship of paper for publication in *International Journal of Management, Entrepreneurship and Technology, 3 (2) 40* Available online from <http://www.ijmetonline.org>
  
27. Transfer of Innovations Through Technical Video Films: Addressing Crop Production Needs of Smallholder Cocoa Farmers in Ghana by **Mary Adu Kumi.**  
**2013**  
**Location:** Ebenezer Presbyterian Conference Centre, Osu, Accra.

**Advisor:** Mary Adu Kumi

**Accomplishment:** Authorship of paper for POSTER PRESENTATION at the First Colloquium of PUCG 10th Anniversary Celebrations on 25th July, 2013 Venue: Ebenezer PCG Center, Osu

28. Transfer of Innovations Through Technical Video Films: Addressing Crop Production Needs of Smallholder Cocoa Farmers in Ghana by **Mary Adu Kumi.** **2013**  
**Location:** Presbyterian University College, Ghana,  
**Advisor:** Mary Adu Kumi  
**Accomplishment:** Authorship of paper for publication in *International Journal of Management, Entrepreneurship and Technology*, 3 (2) 37 Available online from <http://www.ijmetonline.org>
29. Sources of Information on Sanitation in The Tema Metropolis of Ghana”, by **John Adu Kumi, Mary Adu Kumi, and Alice Amekli.** **2013**  
**Location:** Presbyterian University College, Ghana,  
**Advisor:** Mary Adu Kumi  
**Accomplishment:** Joint Authorship of paper for publication in *International Journal of Management, Entrepreneurship and Technology*, 3 (2) 38 Available online from <http://www.ijmetonline.org>
30. CHURNS ON THE GOLDEN EGGS: Citrus, Oil Palm or Cocoa? by **J.A. Kumi and M. A. Kumi** **2013**  
**Location:** Presbyterian University College, Ghana  
**Advisor:** Dr. J. A. Kumi  
**Accomplishment:** Joint Authorship of paper for presentation and publication in proceedings of the First Colloquium of PUCG towards 10<sup>th</sup> Anniversary Celebrations – 25<sup>th</sup> July, 2013 Venue: Ebenezer Presbyterian Conference Centre, Osu, Accra. and Online – URL; Government of Ghana portal
31. Film Shows Approach for Adding Value to Cocoa Productivity in Ghana. by **Mary Adu Kumi** **2013**  
**Location:** Presbyterian University College, Ghana,  
**Advisor:** Mary Adu Kumi  
**Accomplishment:** Authorship of paper for publication in *International Journal of Management, Entrepreneurship and Technology*, 3(1) 31 Available online from <http://www.ijmetonline.org>
32. Perception of Inhabitants in Bui Township on Causes and Effects of Onchocerciasis, Ghana. by **Dinah Aninakwah-Boahene, Andrews Apraku and Mary Adu Kumi,** **2014**  
**Location:** Presbyterian University College, Ghana  
**Advisor:** Mary Adu Kumi  
**Accomplishment:** Joint authorship of paper for publication in *International Journal of Scientific & Technology Research* 3 (4) 328-331 April 2014 | IJSTR©2014 <http://www.ijstr.org>
33. Sustainable Development: Rainwater Quality and Safe Use: A case study in Adukrom Akwapim by **Andrews Apraku and Mary Adu Kumi** **2014**

**Location:** Presbyterian University College, Ghana,

**Advisor:** Mary Adu Kumi

**Accomplishment:** Joint authorship of paper for publication in *International Journal of Water Research* 2 (1) 21-26 Universal Research Publications Online from <http://www.urpjournals.com>

34. Eco-fashion - A Sustainable Management of Plastic Packaging Waste: A case study of Trashy Bags by Susuawu, N. E., Kumi J. A., and **Kumi, M. A.**  
**2014**

**Location:** Presbyterian University College, Ghana,

**Advisor:** Mary Adu Kumi

**Accomplishment:** Joint Authorship of paper for publication in *International Journal of Management, Entrepreneurship and Technology*, 4 (2) 68 Available online from <http://www.ijmetonline.org>

35. Hazards and Risks associated with the operating environment of the N1 Highway, Ghana by Kumi, R. A., and **Kumi, M. A.** **2014**

**Location:** Presbyterian University College, Ghana,

**Advisor:** Mary Adu Kumi

**Accomplishment:** Joint Authorship of paper for publication in *International Journal of Management, Entrepreneurship and Technology*, *International Journal of Management, Entrepreneurship and Technology*, 4 (2) 57 Available online from <http://www.ijmetonline.org>

36. Towards a robust learner-driven framework for integrating video presentation technologies into the teaching and learning space, by **Kumi, M. A.** and Dzidonu, C. K.  
**2014**

**Location:** Open University Malaysia / Accra Institute of Technology, Accra, Ghana.

**Advisor:** Prof. Clement Dzidonu

**Accomplishment:** Joint Authorship of paper for Conference Presentation. Won the **Bronze Award** in the Computing Sciences Category of the IRIC Conference 2014.

37. Limitations in the Design of Learner-based videos – A SCOT Theory Perspective by **Kumi, M. A.**

**Location:** Open University Malaysia/Accra Institute of Technology, Accra, Ghana, **2014**

**Advisor:** Prof. Clement Dzidonu

**Accomplishment:** Authorship of paper for publication in *International Journal of Management, Entrepreneurship and Technology*, 4 (2) 69 Available online from <http://www.ijmetonline.org>

38. Towards Risk Reduction on Technological Failures in Interactive Video Communication Systems by **Kumi, M. A.** and Dzidonu, C. K. **2015**

**Location:** Open University Malaysia / Accra Institute of Technology, Accra, Ghana,

**Advisor:** Prof. Clement Dzidonu

**Accomplishment:** Joint Authorship of paper for presentation. Won the **Silver Award** in the Computing Sciences Category of the IRIC Conference 2015.

39. Used Restraint Devices: Potential Infection-Hazards on Handcuffs in Ghana by **Kumi, M. A.**, Nyamekye, I., Kumi, J. A., Kumi, B. A. **2015**  
**Location:** Presbyterian University College, Ghana,  
**Advisor:** Mary Adu Kumi  
**Accomplishment:** Joint Authorship of paper for publication in *International Journal of Scientific & Technology Research IJSTR* 4(12):1-5 Available from <http://www.ijstr.org>
  
40. Comparing Chemical Parameters of Water from Hand-Dug Wells and Pipe-Borne Water at Begoro, Ghana by **Kumi, M.A.**, Kumi, J. A., Kumi, B. A. **2015**  
**Location:** Presbyterian University College, Ghana,  
**Advisor:** Mary Adu Kumi  
**Accomplishment:** Joint Authorship of paper for publication in *International Journal of Scientific & Technology Research IJSTR* 4 (11) Available from <http://www.ijstr.org>
  
41. Effects of Farmer Training on Productivity of Smallholder Maize Farmers in the Kwahu East District in the Eastern Region of Ghana by Bimpeh, E., Kumi, J. A., and Kumi, M. A. **2015**  
**Location:** Presbyterian University College, Ghana,  
**Advisor:** Mary Adu Kumi  
**Accomplishment:** Jointly Authored a paper for publication in *International Journal of Management, Entrepreneurship and Technology, Special Conference Issue #73 (5) 1* Available online from <http://www.ijmetonline.org>
  
42. Towards a robust learner-driven framework for integrating video presentation technologies into the teaching and learning space, by **Kumi, M. A.** and Dzidonu, C. K. **2015**  
**Location:** Open University Malaysia / Accra Institute of Technology, Accra, Ghana.  
**Advisor:** Prof. Clement Dzidonu  
**Accomplishment:** Joint Authorship of paper for publication in *International Journal of Business Innovation and Technology (IJBIT)*, 1 (1) 1-9
  
43. Threats to the Conservation of Wetlands in Ghana: The case of Songor Ramsar Site by Kumi, J. A., Kumi M. A., and Apraku A. **2015**  
**Location:** Presbyterian University College, Ghana,  
**Advisor:** Mary Adu Kumi  
**Accomplishment:** Jointly Authored a paper for publication in *Journal of Scientific Research and Reports*, 6 (1): 13-25
  
44. Towards Risk Reduction on Technological Failures in Interactive Video Communication Systems by Kumi, M. A. and Dzidonu, C. K. **2016**  
**Location:** Open University Malaysia / Accra Institute of Technology, Accra, Ghana,  
**Advisor:** Prof. Clement Dzidonu  
**Accomplishment:** Joint Authorship of paper for publication in *International Journal of Business Innovation and Technology (IJBIT)* 3 (2) 17-28

45. Theoretical Frameworks for Analysing Socio-Technical Factors in the Design of Interactive Video Communication Systems by Kumi, M. A. and Dzidonu, C. K.  
**Location:** Open University Malaysia / Accra Institute of Technology, Accra, Ghana,   **2016**  
**Advisor:** Prof. Clement Dzidonu  
**Accomplishment:** Joint Authorship of paper for publication in *International Journal of Business Innovation and Technology (IJBIT)*, 3 (1) 8-20
  
46. Models of Design Views of a Training Video Communication System by **Kumi M. A.** and Dzidonu, C. K.   **2017**  
**Location:** Open University Malaysia / Accra Institute of Technology, Accra, Ghana  
**Advisor:** Prof. Clement Dzidonu  
**Accomplishment:** Authorship of paper for publication in *Journal of Advances in Science and Technology Research (JASTER)*, 4 (1) 9-22
  
47. Models of Video Communication System Design as a Technical Device by **Kumi, M. A.** and Dzidonu, C. K.   **2017**  
**Location:** Open University Malaysia / Accra Institute of Technology, Accra, Ghana  
**Advisor:** Prof. Clement Dzidonu  
**Accomplishment:** Authorship of paper for publication in *Journal of Advances in Science and Technology Research (JASTER)*, 4 (2) 10-23
  
48. Economic Analysis of Certified Seed Maize Production: A Case Study of Ejura-Sekyeredumase District of Ghana. by Owusu, C., Gyiele, K. N., Kumi, J. A. and **Kumi, M. A.** **Location:** Presbyterian University College, Ghana,   **2018**  
**Advisor:** Mary Adu Kumi  
**Accomplishment:** Jointly Authored a paper for publication in *PUCG Applied Research Journal* 2018, 4 (1) 47-63.
  
49. Effects of Corporate Income Tax on the Profitability of Mining Companies: Evidence from Ghana Stock Exchange, by Amaniampong, M., Kumi, J. A. and Kumi, M. A.   **2018**  
**Location:** Presbyterian University College, Ghana,  
**Advisor:** Mary Adu Kumi  
**Accomplishment:** Jointly Authored a paper for publication in *International Journal of Business Management (IJRDO)* 4 (2) 55-64
  
50. Predicting the Audience-Subsystem as the Determinant of the Outcome of Learner-Based Video Communication System Design by **Kumi, M. A.** and Dzidonu, C. K.   **2019**  
**Location:** Open University Malaysia / Accra Institute of Technology, Accra, Ghana  
**Advisor:** Prof. Clement Dzidonu  
**Accomplishment:** Authorship of paper for Conference presentation at the International Conference on Education (ICE) 2019. Theme: Education for the 21<sup>st</sup> Century. Venue: Seri Pacific Hotel, Kuala Lumpur on 10-11, April, 2019

**Details of Major Projects undertaken with Dates:**

- Sourced MCA/MiDA Grant for PUCG towards Training Service Provision on Commercial Development of Farmer-Based Organizations in the Afram Zone Other members: Rev. Ebenezer Yaw Blasus, **2008**
- Trained PUCG TSP team on FFS approach to offer Training on Commercial Development of Farmer-Based Organizations in the Afram Zone, to over 1000 farmers who participated in the MCA/MiDA Agricultural Project **2008 -2009**
- Prepared the 1<sup>st</sup> student internship supervision and assessment guidelines for PUCG **2009**
- Provisioned technical training for PUCG to over 1000 farmers who participated in the MiDA Agricultural Project Other team members: Seth Ayeh, Samuel Yeboah-Larbi, Rev. Ebenezer Yaw Blasus, Rev. Adu Okoree and Mr. Samuel Akpah-Yeboah. **2008 - 2010**
- Reviewed the 1<sup>st</sup> syllabus of the Department of Environmental and Natural Resources Management, for acceptance and approval by the University of Ghana, Legon **2009**
- Reviewed the 2<sup>nd</sup> syllabus of the Department of Environmental and Natural Resources Management, for acceptance and approval by the University of Ghana, Legon Other members: Faculty **2010**
- Prepared the Syllabus for the Proposed Department of BA. Communication Science for Akuapem Campus. Other team Member: Rev Dei Awuku **2010**
- Reviewed the Regulatory Instruments for the PUCG, Other members: Thomas Amoako, Dr. Michael Asiedu. **2015**
- Prepared the syllabus of 6 Master programs for Graduate studies for Akuapem Campus. Other team members: Prof Sraaku Lartey, Faculty. **2015**
- Prepared Grant proposal application for PUCG towards the Agricultural Policy Support Project (APSP) Grant (2015) Other members: Dr. John Adu Kumi, Dr. Asante, Mr. Richard Amfo Otu. **August 2015**
- Offered Training and Orientation to newly recruited members of the PUCG, **2016**
- Prepared the PUCG Total Quality Management Policy for PUCG. **2016**

**14. Details of Teaching Experience in a University of equivalent level:**

<b>LECTURESHIP, PRESBYTERIAN UNIVERSITY COLLEGE, GHANA</b>	<b>OCT, 2007 - 2014</b>
<b>SENIOR LECTURESHIP, PRESBYTERIAN UNIVERSITY COLLEGE, GHANA</b>	<b>SEPT, 2014 - DATE</b>

**Courses Taught at Undergraduate level (including course codes, titles, credit hours)**

COURSE CODE	COURSE TITLE	CREDIT HOURS
<b>FIRST SEMESTER COURSES</b>		
<b>LEVEL 100 courses</b>		
- PERM 101	The Biosphere and Natural Resources	3
- PGNS 101	Environmental Science	3
<b>LEVEL 200 courses</b>		
- PERM 203	Introduction to Soil Science	3

- PERM 201 Introduction to General Biology	2
<b>LEVEL 300 courses</b>	
- PERM 309 Plant Molecular Biology and Chemistry	3
- PBES 305 Biogeography and Soils	3
<b>LEVEL 400 courses</b>	
- PERM 417 Supervision of Project Work 1	3
<b>SECOND SEMESTER COURSES</b>	
<b>LEVEL 200 courses</b>	
- PERM 204 Morphology and Anatomy of plants	3
- PERM 210 Research Methods 1	3
- PERM 206 Research Methods 1	3
- PGNE 202 Research Methods for Education	3
<b>LEVEL 300 courses</b>	
- PERM 302 Soils Management	3
- PERM 316 Supervision of Long Vacation Internship	3
- PERM 324 Pests & Diseases in Forests	3
<b>LEVEL 400 courses</b>	
- PERM 418 Supervision of Project Work II	3
<b>Total Credit Hours</b>	<b>44</b>

24. Courses taught at the <b>Graduate level</b> (including course codes, titles, credit hours)	
- SMRM 5302 Science and Technical Research Methodology	3
- Capstone Project Supervision OUM	6
- NRMP 806 Environmental Communication Skills	3
- Master Project Supervision, PUCG	6
<b>Total</b>	<b>18</b>

**25. External Examiner:**

- Examined two (2) Master Theses for International Master Students towards the award of Master, Management of Development, Specialization Rural Development and Communication for Van Hall Larenstein University of Applied Sciences, Wageningen University of Research, Wageningen, The Netherlands. 2010/11
- Editor of Manuscripts from Springer for publication in International Journals 2018 - Date

**26. Internal Examiner:**

- Supervised and Examined 88 undergraduate student projects, PUCG 2010- Date
- Edited manuscripts for PUCG Applied Research Journal 2014- Date
- Supervised 2 Master Theses for Capstone Project for OUM 2016
- Supervised 3 Master Theses for Capstone Project for OUM 2017
- Supervised five (5) Master Theses for Capstone Project for OUM 2018
- Examined 15 Master Theses Video Viva Voce for OUM 2018
- Examined 55 Master Theses on Capstone Project for OUM 2018
- Examined 55 Students for Capstone Project VIVA VOCE for OUM 2018

- Supervision of M. ED student Project Work, PUCG 2018
- Examined five (5) Master Theses for M. ED students toward the award of Masters in Educational studies for Faculty of Education, PUCG. 2019
- Supervised 3 Master Theses for Capstone Project for OUM 2019

#### **Masters Students Advised – Open University Malaysia / Accra Institute of Technology**

<u>Name of Student</u>	<u>Thesis Title</u>	<u>Date Graduated</u>
1. Ebenezer Nii Lamptey	Designing an Emergency Error Detection and Alert System for Air Traffic Controllers	<b>2018</b>
2. Doreen Peters	Assessing Health and Safety Measures in the Agric Sector. A case of Farmers in Sekondi Takoradi Metropolis	<b>2020</b>
3. Eric Ankomah	Commitment of organizations in Ghana to Occupational Health and Safety. A comparative Analysis of construction and non-construction firms in Accra Metropolis	<b>2019</b>
4. Padmore Yaw Amati	Impact of employee behavioral culture on occupational health	<b>2019</b>
5. Isaac Teye Otu	Barriers to Voluntary Reporting of Near Miss Incidents at Kotoka International Airport	<b>2019</b>
6. Obed Nai Agoe	The Metrological Safety Culture of Weighing Scale Users in a Pharmaceutical Company	<b>2019</b>
7. Ivan T. Adjaottor	Risk Associated with Exposure to Jute Sack Dust during Stacking of Cocoa in Ghana	<b>2020</b>
8. Linus Zowonu	Occupational Health and Safety Audit of Fuel Service Stations in the Tema Metropolis	<b>2020</b>
9. Rockson Owusu	Retirement of Underground Workers as Occupational Health Hazard Associated with Mineral Mining	<b>2020</b>

#### **Masters Students Advised – Presbyterian University College, Ghana – M. ED**

<u>Name of Student</u>	<u>Thesis Title</u>	<u>Date Graduated</u>
10. Lovia Mensah	Challenges Faced by Girls in the Participation of Science Education in Senior High School in Ghana	<b>2019</b>
11. Cynthia Ofori Mensah	Perceptions on the Study of Science: The Girl-Child in Senior High School in Kwahu West	<b>2019</b>
12. Eva Asare	Rethinking School Effectiveness: The Case of Tema Senior High Secondary School	<b>2019</b>
13. Sethina Adubea	The Processes of Teaching ICT at Mampong Anglican Junior High School	<b>2019</b>

## Publications

### Books

Book Title, Location: Publisher, 2008.

- 1) Mary Adu-Kumi (STCP/Kuapa Kokoo), Sonii David (STCP/IITA) and Jim Gockowski (STCP/IITA) (2008) Monitoring pod harvests on FFS plots **In: Introduction to Cocoa ICPM**, S. David (Ed) 2008 Version **Guide Book Sustainable Tree Crops Program / International Institute of Tropical Agriculture Accra, Ghana**. September 2008 Version; pp 188 Available online at [http://liferay.iita.org/c/document\\_library/get\\_file?p\\_l\\_id=98898&folderId=145414&name=DLFE-1315.pdf](http://liferay.iita.org/c/document_library/get_file?p_l_id=98898&folderId=145414&name=DLFE-1315.pdf)
- 2) Kumi, M. A. (2008) Learning about sustainable cocoa production: a guide for participatory farmer training, 1. Integrated crop and pest management **In: S. David (Ed.) 2008 Guide Book Sustainable Tree Crops Program / International Institute of Tropical Agriculture Accra, Ghana**. (September 2008 version). Pp 227 Available online at <http://liferay.iita.org/web/stcp/links/training>
- 3) David, S., Bassanaga, S., Wandji, N., Okuku, I., Couloud, J. Y., Adu Kumi, M., Agordorku, S., Mva Mva, J., Okafor, C., Assamoi, R. Y., Gyamfi, I., van Grinsven, P., Voss, J., Gockowski, J., and Weise, S. (2004) Effective Technology and Knowledge Dissemination on Cocoa Integrated Crop and Pest Management *International Institute of Tropical Agriculture (IITA) Accra, Ghana* Available online at <http://liferay.iita.org/web/stcp/links/training>
- 4) Gockowski, J., David, S., Okuku, I., Nkeh J., Wandji, D., Asamoah, C., Agordorku, S. & Adu Kumi, M. (2005) An Initial Assessment of the Producer Costs and Benefits of Farmer Field School Training, *International Institute of Tropical Agriculture (IITA), Accra, Ghana, Impact Brief* (3) Available online at [http://liferay.iita.org/c/document\\_library/get\\_file?p\\_l\\_id=98893&folderId=99883&name=DLFE-1113.pdf](http://liferay.iita.org/c/document_library/get_file?p_l_id=98893&folderId=99883&name=DLFE-1113.pdf)
- 5) Soniia David, Sylvanus Agordorku, Simon Bassanaga, Jean Yves Couloud, Mary Adu Kumi, Innocent Okuku and Dieu ne dort Wandji (2006) A Guide for Conducting Farmer Field Schools on Cocoa Integrated Crop and Pest Management. *International Institute of Tropical Agriculture (IITA), Accra, Ghana* pp105 Available online at <http://liferay.iita.org/web/stcp/links/training>
- 6) Gockowski, J., Asamoah, C., David, S., Nkamleu, G.B., Gyamfi, I., Agordorku, S. & Adu Kumi, M. (2006) An Evaluation of Farmer Field School Training on the Livelihoods of Cocoa Farmers in Atwima District, Ashanti Region, Ghana *International Institute of Tropical Agriculture (IITA), Accra, Ghana Working Paper Series*, (1) Available online at [http://liferay.iita.org/c/document\\_library/get\\_file?p\\_l\\_id=98894&folderId=99929&name=DLFE-1125.pdf](http://liferay.iita.org/c/document_library/get_file?p_l_id=98894&folderId=99929&name=DLFE-1125.pdf)
- 7) David, S. and S. Agordorku, S. Bassanaga, J.Y. Couloud, M. Adu-Kumi, I. Okuku, D. Wandji. (2006) A facilitator's handbook for conducting farmer field schools on cocoa integrated crop and pest management, *International Institute of Tropical Agriculture (IITA)* (2006) Accra, Ghana, Available online at <http://liferay.iita.org/web/stcp/links/training>

- 8) S. David, I. Gyamfi and Kumi M.A. (2006) Women Cocoa Farmers in Ghana Have Something to Smile About! *International Institute of Tropical Agriculture (IITA)* (2006) Accra, Ghana, Available at <http://liferay.iita.org/web/stcp/news-events/newsletters>
- 9) International Institute for Tropical Agriculture (IITA)/Sustainable Tree Crops Program (STCP), Mary Adu Kumi (STCP) and Sylvanus Agordorku (STCP) (2006) Cocoa Production Videos – English, [Episode 1 - Pruning mature cocoa trees](#) AVI – 114MB *International Institute for Tropical Agriculture*, Accra, Ghana.
- 10) International Institute for Tropical Agriculture (IITA)/Sustainable Tree Crops Program (STCP), Mary Adu Kumi (STCP) and Sylvanus Agordorku (STCP) (2006) Cocoa Production Videos – English, [Episode 2 - Using cultural practices to control black pod disease](#), AVI – 115.6MB *International Institute for Tropical Agriculture*, Accra, Ghana.
- 11) International Institute for Tropical Agriculture (IITA)/Sustainable Tree Crops Program (STCP), Mary Adu Kumi (STCP) and Sylvanus Agordorku (STCP) (2006) Cocoa Production Videos – English, [Episode 3 - Using chemicals to control black pod disease](#) AVI – 106.8MB, *International Institute for Tropical Agriculture*, Accra, Ghana.
- 12) International Institute for Tropical Agriculture (IITA)/Sustainable Tree Crops Program (STCP), Mary Adu Kumi (STCP) and Sylvanus Agordorku (STCP) (2006) Cocoa Production Videos – English, [Episode 4 - Harvesting cocoa pods](#), AVI – 97MB *International Institute for Tropical Agriculture*, Accra, Ghana.
- 13) International Institute for Tropical Agriculture (IITA)/Sustainable Tree Crops Program (STCP), Mary Adu Kumi (STCP) and Sylvanus Agordorku (STCP) (2007) Cocoa Production Videos – English, [Episode 5 - Fermenting cocoa](#) AVI – 201.9MB *International Institute for Tropical Agriculture*, Accra, Ghana.
- 14) International Institute for Tropical Agriculture (IITA)/Sustainable Tree Crops Program (STCP), Mary Adu Kumi (STCP) and Sylvanus Agordorku (STCP) (2007) Cocoa Production Videos – English, [Episode 6 - Drying and storing cocoa beans](#) AVI – 94MB *International Institute for Tropical Agriculture*, Accra, Ghana.
- 15) International Institute for Tropical Agriculture (IITA)/Sustainable Tree Crops Program (STCP), Mary Adu Kumi (STCP) and Sylvanus Agordorku (STCP) (2007) Cocoa Production Videos – English, [Episode 7 - Cultural practices to control mirids](#) AVI – 115.9MB, *International Institute for Tropical Agriculture*, Accra, Ghana.
- 16) International Institute for Tropical Agriculture (IITA)/Sustainable Tree Crops Program (STCP), Mary Adu Kumi (STCP) and Sylvanus Agordorku (STCP) (2007) Cocoa Production Videos – English, [Episode 8 - Using chemicals to control mirids](#) AVI – 175MB, *International Institute for Tropical Agriculture*, Accra, Ghana.
- 17) Kumi M. A (2007) A touch of magic: Unveiling the art of Farmer Participatory Videos! Farmer Participatory Video (FPV): Communication for Social Learning and Transformation in Ghana, Master Thesis 63p Wageningen University of Research (WUR).

### ***Journal Publications***

18. Owusu, C., Gyiele, K. N., Kumi, J. A. and Kumi, M. A. (2018) Economic Analysis of Certified Seed Maize Production: A Case Study of Ejura-Sekyeredomase District of Ghana. *PUCG Applied Research Journal* 2018, 4 (1) 47-63.

19. Amaniampong, M., Kumi, J. A. and Kumi, M. A. (2018) Effects of Corporate Income Tax on the Profitability of Mining Companies: Evidence from Ghana Stock Exchange, *International Journal of Business Management (IJRDO)* 4 (2) 55-64
20. Kumi, M. A. and Dzidonu, C. K. (2017) Models of Video Communication System Design as Technical Device *Journal of Advances in Science and Technology Research (JASTER)* 4 (2) : 10-23
21. Kumi, M. A. and Dzidonu, C. K. (2017) Models of Design Views of a Training Video Communication System *Journal of Advances in Science and Technology Research (JASTER)* 4 (1): 9-22
22. Kumi, M. A. and Dzidonu, C. K. (2016) Towards Risk Reduction on Technological Faiures in Interactive Video Communication Systems *International Journal of Business Innovation and Technology (IJBIT)*, 3 (2): 17-28 (Won the Silver Award in the Computing Sciences Category of the IRIC Conference 2015)
23. Kumi, M. A. and Dzidonu, C. K. (2016) Theoretical Frameworks for Analyzing Socio-Technical Factors in the Design of Interactive Video Communication Systems *International Journal of Business Innovation and Technology (IJBIT)*, 3(1):8-20
24. Kumi, M. A. and Dzidonu, C. K. (2015) Towards a robust learner-driven framework for integrating video presentation technologies into the teaching and learning space *International Journal of Business Innovation and Technology (IJBIT)*, 1(1) 1-9 (Won the Bronze Award in the Computing Sciences Category of the IRIC Conference 2014)
25. Kumi, J. A., Kumi, M. A., and Apraku, A. (2015) Threats to the Conservation of Wetlands in Ghana: The case of Songor Ramsar Site *Journal of Scientific Research and Reports*, 6 (1): 13-25
26. Kumi, M. A. Kumi, J.A. and Kumi B. A. (2015). Comparing Chemical Parameters of Water from Hand-Dug Wells and Pipe-Water at Begoro, Ghana. *International Journal of Scientific & Technology Research*, 4 (11) 14-20 Available at [www.ijstr.org](http://www.ijstr.org)
27. Kumi, M. A., Nyamekye, I., Kumi, J. A., Kumi, B. A. (2015) Used Restraint Devices: Potential Infection-Hazards on Handcuffs in Ghana *International Journal of Scientific & Technology Research IJSTR* 4(12):1-5 Available at [www.ijstr.org](http://www.ijstr.org)
28. Bimpeh, E., Kumi, J. A., and Kumi, M. A. (2015) Effects of Farmer Training on Productivity of Smallholder Maize Farmers in the Kwahu East District in the Eastern Region of Ghana *International Journal of Management, Entrepreneurship and Technology, Special Conference Issue #73* (5) 1 Available online at <http://www.ijmetonline.org>
29. Apraku, A., and Kumi, M. A. (2014) Sustainable Development: Rainwater Quality and Safe Use (A case study in Adukrom Akwapim) *International Journal of Water Research* 2 (1): 21-26
30. Aninakwah-Boahene, D., Apraku, A., and Adu-Kumi, M. (2014) Perceptions of inhabitants in Bui Township on causes and effects of Onchocerciasis, Ghana *International Journal of Scientific & Technology Research* 3 (4) 328-331
31. Kumi, R. A., and Kumi, M. A. (2014) Hazards and Risks Associated with the Operating Environment of the N1 Highway, Ghana *International Journal of Management, Entrepreneurship and Technology*, 4 (2) 57 Available online at <http://www.ijmetonline.org>
32. Susuawu, N. E., Kumi J. A., and Kumi, M. A. (2014) Eco-fashion- A Sustainable Management of Plastic Packaging Waste: A case study of Trashy Bags *International*

- Journal of Management, Entrepreneurship and Technology*, 4 (2) 68 Available online from <http://www.ijmetonline.org>
33. Kumi, M. A. (2014) Limitations in the Design of Learner-based videos – A SCOT Theory Perspective *International Journal of Management, Entrepreneurship and Technology*, 4 (2) 69 Available online from <http://www.ijmetonline.org>
  34. Kumi, M. A. (2013a) Film Shows Approach for Adding Value to Cocoa Productivity in Ghana. *International Journal of Management, Entrepreneurship and Technology (IJMET)* 3 (1)31 Available online from <http://www.ijmetonline.org>
  35. Kumi, M. A. (2013b) Transfer of Innovations Through Technical Video Films: Addressing Crop Production Needs of Smallholder Cocoa Farmers in Ghana. *International Journal of Management, Entrepreneurship and Technology (IJMET)* 3 (2) 37 Available online from <http://www.ijmetonline.org>
  36. Kumi, M. A. (2013c) Beyond the Magic in Farmer Videos: Changes in Production Practices of Farmers involved in Video Training Approach. *International Journal of Management, Entrepreneurship and Technology (IJMET)* 3 (2) 40 Available online from <http://www.ijmetonline.org>
  37. Kumi, J. A., Kumi, M. A. & Alice Amekli (2013) Sources of Information on Sanitation in the Tema Metropolis of Ghana”, *International Journal of Management, Entrepreneurship and Technology*, 3 (2) 38 Available online from <http://www.ijmetonline.org>
  38. Kumi, M. A. (2012) Increasing Local Production of Cocoa through Deconstruction of Technical Knowledge in Films by Farmers in Rural Ghana *International Journal of Management, Entrepreneurship and Technology*, 2 (2) 27
  39. Kumi, M. A., and Kumi J. A. (2012) The Reception and Acceptance of Farmer-Films by Cocoa Farmers at Bomfa in the Ashanti Region of Ghana, *International Journal of Management, Entrepreneurship and Technology*, 2(1) 14
  40. Gockowski, J., Asamoah, C., David, S., Kumi, M. A., and Gyamfi, I. (2010) An Evaluation of Changes in the Production Practices of Ghanaian Cocoa Farmers Following Farmer Field School Training, *Journal of Agricultural Education and Extension, JAE* 17 (3) 45-56
  41. Kumi, M. A., Wolffhechel, H., Hansen, H. J. and Mathur, S. B. (1996) **RESEARCH NOTE:** Seed transmission of *Phytophthora* in cacao. *Seed Science and Technology*, [CN 129] 24,593-595.

### **Conference Papers**

(Peer-Reviewed)

42. Kumi, M. A. and Dzidonu, C. K. “Predicting the Audience-Subsystem as the Determinant of the Outcome of Learner-Based Video Communication System Design” Paper selected for Finalist Best Paper Award & Conference presentation *In proceedings of the International Conference on Education (ICE) 2019*. Theme: Education for the 21<sup>st</sup> Century. Venue: Seri Pacific Hotel, Kuala Lumpur Date: 10-11, April, 2019
43. Kumi, M. A. and Dzidonu, C. K. (2016) Models of Design Views of a Training Video Communication System In proceedings of the IRIC 2016, Conference Accra, Ghana Date: 7-8 October, 2016

44. Kumi, M. A. and Dzidonu, C. K. (2016) Models of Technical Views of Video Communication Systems *Paper Presented at the IRIC 2016, Conference Accra, Ghana* Date:7-8 October, 2016.
45. Kumi, M. A. and Dzidonu, C. “Towards Risk Reduction on Technological Failures in Interactive Video Communication Systems” In proceedings of the *International Research Initiatives Conference (IRIC 2015) Date: October, 2015* Venue Accra, Ghana (**Won the Silver Award in the Computing Sciences Category of the IRIC Conference 2015**) Available from [www.irc.us/index.php?option=com\\_content&view=article&id=91&Itemid=198](http://www.irc.us/index.php?option=com_content&view=article&id=91&Itemid=198)
46. Kumi, M. A. and Dzidonu, C. “A Theoretical framework for Analyzing Socio-Technical Factors in the Design of Interactive Video Communication Systems *In proceedings of the International Research Initiatives Conference (IRIC 2015) Venue: Accra, Ghana* Presentation Available online from [http:// www.irc.us](http://www.irc.us) Date: October 2015
47. Kumi, M. A “Limitations in the Design of Learner-based videos – A SCOT Theory Perspective”. *In proceedings of the 6th Academic Seminar of the PUCG, Theme “Conservation of Natural Resources in the Changing World” Venue: PUCG Akuapem Campus, Akropong Akwapim, Date: 8<sup>th</sup> June, 2015*
48. Kumi, M. A. and Dzidonu C. “Towards a Robust Learner-Driven Framework for Integrating Video Presentation Technologies into the Teaching and Learning Space *In proceedings of the International Research Initiatives Conference 2014 (IRIC-2014), 7-8 October, 2014, Accra, Ghana. Won the BRONZE AWARD in the Computing Sciences Category of the IRIC Conference Available at* [www.irc.us/index.php?option=com\\_content&view=article&id=88&Itemid=196](http://www.irc.us/index.php?option=com_content&view=article&id=88&Itemid=196)
49. Kumi, J. A. and Kumi, M. A. and Amekli, A “Sources of Information on Sanitation in The Tema Metropolis of Ghana”, In proceedings of the *4<sup>th</sup> Academic Seminar PUCG, Akuapem Campus*.Venue:Akropong–Akwapim, Date:2nd and 3rd December, 2013
50. Kumi, M. A. “Transfer of innovations through technical video films: Addressing the crop production needs of smallholder cocoa farmers in Ghana”. *In proceedings of the First Colloquium of PUCG towards 10<sup>th</sup> Anniversary Celebrations – 25<sup>th</sup> July, 2013 Venue: Ebenezer Presbyterian Conference Centre, Osu, Accra. Online – URL; Government of Ghana portal, 2013*
51. Kumi, M. A “Beyond the Magic in Farmer Videos: Changes in Production Practices of Farmers Involved in Video Training Approach” In proceedings of the *4<sup>th</sup> Academic Seminar PUCG, Akuapem Campus*. Venue: Akropong – Akwapim, Date: 2nd and 3rd December, 2013
52. Kumi, J. A. and Kumi, M. A. “CHURNS ON THE GOLDEN EGGS: Citrus, Oil Palm or Cocoa?” In proceedings of the *First Colloquium of PUCG towards 10<sup>th</sup> Anniversary*

*Celebrations – 25<sup>th</sup> July, 2013 Venue: Ebenezer Presbyterian Conference Centre, Osu, Accra. Online – URL; Government of Ghana portal*

53. Atsakpo, P. D. K., Hodgson, I. O. A. and Kumi, M. A. “Effects of Cage Fish Culture on Water Quality of the Volta Lake at Sedorm in the Asuogyaman District, Ghana”. In *proceedings of the 28<sup>th</sup> Biennial Conference of the Ghana Science Association (GSA)* Theme: “Harnessing our Natural Resources for National Development: The Role of Science and Technology” Venue: University of Ghana, Legon (Great Hall and Faculty of Science) Date: 14<sup>th</sup> - 19th July, 2013
54. Kumi, M. A. and Kumi, J. A. “The reception and acceptance of Farmer-films by cocoa farmers at Bomfa in the Ashanti region of Ghana” Department of Environmental and Natural Resources Management, PUCG, Akuapem Campus and Department of Agribusiness, and Okwahu Campus PUCG, *In proceedings of the 1<sup>st</sup> Colloquium of PUCG*, Venue: Akuapem Campus, Date: April **2012**.
55. Kumi, M. A. and Kumi, J. A. “Motivators of Decision-making about Replanting Cocoa Farms Among Farmers in Eastern Ghana, Department of Environmental and Natural Resources Management, PUCG, Akuapem Campus and Department of Agribusiness, and Okwahu Campus PUCG., *In proceedings of the 1<sup>st</sup> Colloquium of PUCG*, Venue: PUCG Akuapem Campus Date: April **2012**.
56. Kumi, J. A. and Kumi, M. A. “Decisions by Cocoa Farmers to Replace Cocoa with Citrus or Oil Palm in the Kwaebibirem District of the Eastern Region of Ghana” *In proceedings of the 1<sup>st</sup> Colloquium of PUCG*, Venue: PUCG Akuapem Campus Date: April **2012**
57. Akrofi, A. Y., Sarfo, J. E., Amoah, F. M., Nathaniels, N., Holmes, K., Ansah, I. O. O, Gyamfi, I., Adu Kumi, M., & Cobbah, E. “Participatory Video: A tool for dissemination of improved agronomic technologies to cocoa farmers in Ghana” *In proceedings of the International Cocoa Research Conference*, San Jose, Costa Rica, (2006) 1737-1742
58. Kumi M. A. “Importance of Agribusiness Development to Women in Ghana”. *In: Proceedings of the 1st International Workshop on Enhancing Agribusiness Capacity Development in Ghana, University of Guelph, Canada / University of Ghana Accra, Ghana, July 26-28, 2004* 22p

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## PRESENTATIONS AND INVITED LECTURES

### Paper Presentation

“Title of Paper,” Name of Conference, Date.

59. “Child Labour in Cocoa Farming”. Lunchtime talk to representatives of supportive organizations and labour coalitions, 100 Maryland Avenue, Conference Room 1 (The Methodist Building) Maryknoll Affiliates, Washington, DC. Monday March 24, 2003 Available at <http://www.globalexchange.org>, <http://www.fairtradefederation.org>

60. "No blood stains in Ghana's Chocolates". Chocolate Evening speaking event to Duke Students against Sweatshops. Durham, (North Carolina) NC. Wednesday March 26, 2003 Available at <http://www.globalexchange.org>, <http://www.fairtradefederation.org>
61. "Legal implications of Child labour in Cocoa". Chocolate Speaking event to Bard College, Bard Fair Labour Organizing Committee, Annandale on Hudson, NY. Thursday March 27, 2003. Available at <http://www.globalexchange.org>, <http://www.fairtradefederation.org>
62. "Fair Trade Marketing of 'Divine' chocolate for improving livelihoods of smallholder cocoa farmers in Ghana." Chocolate Speaking event at local high schools. Proceedings, Pacific and Asian Affairs Council, Monday, March 31 2003 In: *Chocolate*, DVD, 3.78 GB (2003), Producer; Chris Hayden, Pacific and Asian Affairs Council, Honolulu, HI Available at <http://www.globalexchange.org>, <http://www.fairtradefederation.org>
63. "Building social and economic equity: Finding Racial & Economic Equality between the North and the South", Tuesday April 1, 2003 In: *Chocolate*, DVD, 3.78 GB (2003), Producer; Chris Hayden, Pacific and Asian Affairs Council, Honolulu, HI; Colorado College, Ft. Collins, CO. Available at <http://www.globalexchange.org>, <http://www.fairtradefederation.org>
64. "Fair Trade cocoa for farmers". Chocolate speaking event at Trinity University, San Antonio, Wednesday April 2, 2003 In: *Chocolate*, DVD, 3.78 GB (2003), Producer; Chris Hayden, Pacific and Asian Affairs Council, Honolulu, HI. Available at <http://www.globalexchange.org>, <http://www.fairtradefederation.org>
65. "Fair Trade Premium and Provision of Rural Social Services". Phillips Church Exeter Social Service Organization, Friday April 4, 2003 (New Hampshire) Manchester, NH in: *Chocolate*, DVD, 3.78 GB (2003), Producer; Chris Hayden, Pacific and Asian Affairs Council, Honolulu, HI Available at <http://www.globalexchange.org>, <http://www.fairtradefederation.org>
66. "Fair trade premium for child welfare in rural Ghana", Anti-Slavery Group, Friday April 4, 2003 (New Hampshire) Manchester, NH in: *Chocolate*, DVD, 3.78 GB (2003), Producer; Chris Hayden, Pacific and Asian Affairs Council, Honolulu, HI Available at <http://www.globalexchange.org>, <http://www.fairtradefederation.org>

**Keynote Address:** "Title of Presentation," Name of Conference, Date.

67. "Deliver the cocoa farmer's daughter from slavery, buy 'Divine'". Fair Trade Federation Conference Keynote Address. Madison, WI. Sunday March 30, 2003 Available at <http://www.globalexchange.org>, <http://www.fairtradefederation.org>

**Workshop,** "Title of Presentation," Name of Workshop, Date.

68. "Agriculture Policy Support Project (APSP) Pre-Application RFA-003 USAID FtF" Workshop, Venue: Accra, Date: June 19<sup>th</sup> 2015

69. “Professional Development Workshop, Theme: The role of training in developing the Professional Academic Staff of PUCG, Venue: Okwahu Campus, Abetifi, Date:14th-17 July 2015
70. **Chairperson:** GMO Roundtable Discussion on GMOs Field Testing in Ghana. Theme: **“Are GMOs the solution to food security and hunger for rural farmers in Ghana?”** Venue: Cleaver House Accra, Date: November, 12th, 2013..
71. “Roundtable Discussion on Mining and Gender: Theme: **“Addressing issues of women in the mining sector and mining impacted areas”** Venue: Angy Hill Hotel, Accra, Date: 9th December 2013
72. “Development of Participatory Crop Improvement to Support Small-scale Farmers”, organized by Wageningen International and Wageningen University of Research, Venue: Kumasi, Date: 28<sup>th</sup> April – 9<sup>th</sup> May 2008

## **PROFESSIONAL TRAINING**

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### **Seminar or Workshop**

- “Commercial Development of Farmer-Based Organisations (CDFO)” Trainer of Trainers’ Workshop for Training Service Providers accredited by the Millennium Development Authority (MiDA), Venue: NODA Hotel, Kumasi, Date: 1<sup>st</sup> -11<sup>th</sup> September, **2008**
- 2<sup>nd</sup> Academic Seminar Theme: Towards Agenda 2013: The renewed Zeal for Scientific Research. Venue Akuapem Presbytery Conference Hall, Akropong Akuapem. Date:19th Oct, 2012
- “Academic Research and publications” Workshop organized by the Presbyterian University College, Ghana Venue: PUCG Abetifi Date: **2012.**
- “Proposal writing, reports, preparation of course outlines and setting of standard examination questions” Workshop organized by Mrs M. Sraku Lartey Date:7<sup>th</sup> July 2011, Venue Akuapem Campus, PUCG.
- “Foundations for Successful Academic Life” Workshop organized by the Presbyterian University College, Ghana Venue: Abetifi Date: 18<sup>th</sup> July and 19<sup>th</sup> July 2011

### **WORK EXPERIENCE**

**Company/Organization**, [Position], [Department], Dates

- **Presbyterian University College, Ghana (PUCG). [1<sup>st</sup> Director, Total Quality Management & Lectureship] [2015 - 2017]**  
Formulated policies for maintenance of academic standards, liaised with the National Accreditation Board to ensure that the right policies were applied, vetted student admission criteria and admission processes, vetted the conduct and processing of examination results, and the qualifications of staff of PUCG.

- **Presbyterian University College, Ghana. [Head of Department & Lectureship] [2007 – 2015]** Lecturer and Head of the Department of Environmental and Natural Resources Management, Had direct responsibility for administration of the Department, students and Faculty. Liaised with departments and faculties in the university, industries, professional institutions, associations: maintaining acceptable standards of teaching. Developed new courses and reviewed syllabuses and courses, and promoted academic research and outreach in the Department.
- **USAID / International Institute of Tropical Agriculture (IITA) / Sustainable Tree Crops Program -Ghana (STCP-Ghana). [Participatory Extension Specialist / Master Trainer, Research and Development] [2003 - 2006]** Employed Participatory Extension and Research Approaches in Technology / Knowledge Development and Dissemination. Trainer of smallholder cocoa farmers and research on ICPM in tree crops in West Africa. Trainer of farmers in Farmer Field Schools (FFS), and in Video Clubs (VVC), Farmer Videos was employed in training over 10,000 Farmers.
- **KUAPA KOKOO FARMERS' UNION [Research and Development Manager - Various Sections] [2000 - 2006]** Designed training, trained staff and farmers on Fair-trade cocoa, implemented country/regional training programs and executed the Critical Ecosystems Partnership Fund in the Conservation Cocoa Agro Forestry Programs (CCAP) for Conserving Biodiversity in the Kakum forest in the Central Region of Ghana.
- **Ghana Congress on Evangelism (GHACOE) Women's Ministry [National Director for Training and Programs] [1998 -1999]** Entrepreneurships development and Women Training, Projects & Programs supervision
- **Cocoa Services Division (CSD) of Ghana COCOBOD, [District Extension Officer, Various Sections - Bechem District, Brong Ahafo Region], [1995-1998]** Cocoa officer in Charge of Agronomy, Diseases and Pest Control, TUTOR responsible for Officers and farmer Training
- **Danish Government Institute of Seed Pathology (DGISP) – Copenhagen Denmark [Collaborative Research Officer], [June 1994-September 1994]** Mycological Research into seed-borne nature of *Phytophthora spp.* & Swollen Shoot Virus of Cacao.
- **CSD of COCOBOD [District Cocoa Officer, Various Sections - Kade District, Eastern Region] [1990- 1994]** TUTOR Responsible for Control of Cocoa Swollen Shoot Virus Disease (CSSVD), Cocoa Nursery Training & Establishments
- **CSD of COCOBOD [District Cocoa Officer, Various Sections - Asamankese District, Eastern Region] [1987- 1990],** TUTOR in charge of general cocoa agronomy, production and nursery establishment, Management of Cocoa Seed Gardens and plantations, coffee production & rehabilitation.
- **CSD of COCOBOD [TUTOR, Bunso Cocoa College], [1982-1986]** Tutor responsible for Technical and field Orientation for Farmers and CSD staff, Teaching & Field Training in Agronomy, Seed production and Crop Protection, Cocoa Extension and Education, and International Training in Cocoa Studies. Trained Cocoa Officials from Cote d'Ivoire and Benin
- **CSD of COCOBOD [TUTOR Bunso Cocoa College] [1981-1982]** Tutor responsible for pests and disease control in cocoa; National Service - Field Officer & farmer Trainer.

- Skill/Accomplishment/Award/Certification

<b>Date</b>	<b>Duration</b>	<b>Organisation</b>	<b>Course</b>	<b>Certificate</b>
30 <sup>th</sup> March - 1 <sup>st</sup> April 2016	3days	Weber Professional Education, USA	Senior Academics Professional Development Programme	Certificate
8-13 <sup>th</sup> May 2009	5days	PUCG / Wageningen University of Research (WUR), The Netherlands	Visual Problem Appraisal Training Tool for problem analysis and policy design.	Certificate
1-11 <sup>th</sup> Sept 2008	11 Days	MCA//MiDA Millennium Dev Authority, Kumasi Ghana	Commercial Development of Farmer-Based Organizations	Certificate
29 <sup>th</sup> April 2008 - 9 <sup>th</sup> May 2008-	2 Weeks	Wageningen International, The Netherlands. & GreenWeb Consult, Ghana	Development of Participatory Crop improvement to support small-scale farmers	Certificate
April 2003-2006	3 Years & 2 weeks	International Institute of Tropical Agriculture (IITA), Sustainable Tree Crops Program (STCP) at (HFC) (Humid Forest Eco-regional Centre) Cameroon & in Ghana	Master Trainers Training of Trainers (ICPM)	Certificate
April, 2002	3 weeks	International Agric Center (IAC) Wageningen, The Netherlands.	Participatory Planning Monitoring & Evaluation (PPM&E)	Certificate
September 2001	2 Weeks	GHAMFIN & GIMPA. Accra, Ghana.	Best Practices in Microfinance	Certificate
May 2001	2 Weeks	CEDEP (Centre for the Development of People) Kumasi, Ghana	Resource Development Management	Certificate
5th -19th Nov. 1999	2 Weeks	Arab Republic of Egypt Ministry of Agriculture & Land Reclamation, The Egyptian International Centre for Agriculture (EICA) Cairo, Egypt & International Agricultural Centre, Wageningen-The Netherlands	Extension Development for Integrated Pest Management (IPM)	Certificate

## PROFESSIONAL AFFILIATIONS

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- **Chair:** Departmental Board of the Presbyterian University College, Ghana, 1<sup>st</sup> Term as HoD for ENRM **2008-2010**
- **Member** of the 3<sup>rd</sup> Council of the Presbyterian University College, Ghana, – Represented Senior Members of the Presbyterian University College, Ghana on the PUCG Council **2008-2010**
- **Member** of the 4<sup>th</sup> Council of the Presbyterian University College, Ghana, – Represented Senior Members of the Presbyterian University College, Ghana on the Council **2010-2011**
- **Chair:** Departmental Board of the Presbyterian University College, Ghana, 2<sup>nd</sup> Term as HoD for ENRM **2011-2015**
- **Member** of Faculty Board of the Presbyterian University College, Ghana, **2015**
- **Member** of Executive Senate of the Presbyterian University College, Ghana. **2015-2016**

**International** (consultancy, membership of boards, committees, etc)

- **Member:** 1<sup>st</sup> Professional Advisory Committee (PAC) of the Master Management of Development (MoD) Van Hall Larenstein University of Applied Sciences, Wageningen UR, The Netherlands **2010-2012**
- **Member:** 2<sup>nd</sup> Professional Advisory Committee (PAC) of the Master Management of Development (MoD) Van Hall Larenstein University of Applied Sciences, Wageningen UR, The Netherlands **2012-2014**
- **Member:** European Communication Research & Education Association (ECREA) **2010 - 2015**

## PROFESSIONAL SERVICE

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### **Organizer of Workshop:**

- Visual Problem Appraisal for Problem Identification and Problem Analysis in Rural Development. Date: 18<sup>th</sup> May **2009**, Venue: PCG & PUCG, Akuapem Campus in collaboration with Wageningen University of Research, The Netherlands.

### **Peer-Reviewed Articles for:**

- International Journal of Environmental Science and Technology
- PUCG Applied Research Journal

## COMMUNITY SERVICE

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- **Member:** 3<sup>rd</sup> Council of the Presbyterian University College, Ghana, – Represented Senior Members of the Presbyterian University College, Ghana on the Council **2008-2010**
- **Member:** 4<sup>th</sup> Council of the Presbyterian University College, Ghana, – Represented Senior Members of the Presbyterian University College, Ghana on the Council **2010-2011**

## LANGUAGES

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- **English:** Listening, Speaking, Reading, and Writing
- **Twi:** Listening, Speaking, Reading, and Writing.
- **French:** Intermediate Listener

## COMPUTER SKILLS

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**Applications:** skill 3

**Platforms:** skill 1

## OTHER

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Interests/Hobbies: Listening, Speaking, Reading, and Writing Academic documents  
Citizenship: Ghanaian

## REFERENCES

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**1. Prof. Emmanuel Adow Obeng**

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President, Accra Institute of Technology (AIT)

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Vice Dean, Faculty of Agriculture, Kumasi Ash, Ghana,

Email: [osafo.emmanuel@gmail.com](mailto:osafo.emmanuel@gmail.com)