

## CURRICULUM VITAE

### PERSONAL DATA

NAME - Frederick Kwaku Sarfo (Ph.D)  
DATE AND PLACE OF BIRTH - 7<sup>th</sup> October, 1968, Jamasi Ashanti  
NATIONALITY - Ghanaian  
MARITAL STATUS - Married

### EDUCATION

2002/03-2005: Center for Instructional Psychology and Technology, Catholic University of Leuven, Belgium; **Ph.D (Educational) Instructional Technology**  
1996/97 - 1998: Faculty of Educational Sciences, University of Twente, The Netherlands; **M.Sc. (Educational/ Instructional Technology)**  
1991-1994: Department of Psychology, University of Ghana, Legon; **B. A. (Hons), Degree (Psychology)**

### FELLOWSHIP/ SCHOLARSHIP AND OTHER AWARDS

2007: Best Lecturer Award in Sciences - Faculty of Business Education, UEW  
2002/03 - 2006: Ghana Government Scholarship (For Ph.D Program)  
1996/97 - 98: University Fellowship Program (UFP), NUFIC, The Netherlands (For Master's Program)

### PROFESSIONAL ASSOCIATIONS AND OTHER SCIENTIFIC ACADEMIC ACTIVITIES

A member of European Association of Research on Learning and Instruction (EARLI) ID No earli 1974.

A member of University Teachers Association - Ghana

Programme Committee Member for IEEE International Conference on Advanced Learning Technologies (ICALT - 2007)

Executive Peer-Reviewer of International Journal on Educational Technology and Society

Reviewed three Papers for International Conference on Advanced Learning Technologies (ICALT 2006) in Netherlands

Reviewed three Papers for International Conference on Advanced Learning Technologies (ICALT 2007) Japan

### RESEARCH INTEREST

Information and Communication Technology, Instructional Design, Instructional Conceptions, and Information Presentation for Development of Expertise in Technical Education

## **PUBLICATIONS**

### **Book Publication**

Sarfo, F. K. (2008). *Instructional Technology: Instructional Media and Technologies for Effective Teaching and Learning*. Kumasi: Wilas Press. Ltd.

### **Chapters in book(s)**

Sarfo, F. K., Oti-Agyen, P., & Adentwi, K. I (in press). The trends of instructional media and technologies for learning: Towards quality education in Ghana. *In Celebrating Ghana's 50<sup>th</sup> Anniversary - the growth of education*

Oti-Agyen, P., & **Sarfo F. K.** (in press). Development of Western Formal Education in Ghana - Challenges, effects and the way forward. *In Celebrating Ghana's 50<sup>th</sup> Anniversary - the growth of education*.

### **Research Publications**

Sarfo, F. K. & Elen J. (2007). The moderating effect of instructional conceptions on the effect of powerful learning environments. *International Journal of Instructional Science*. 001 10.1007/s 11251-007-9023-8

Sarfo, F. K. & Elen J. (2007) Developing technical expertise in secondary/ technical schools: The effect of 4C/ID learning environment. *International Journal of Learning Environments* 10: 207-221

Sarfo, F. K., Archer, F. K., & Asiamah, K. Y. (2007) Microteaching in teacher preparation: a study on skills and problems related to the practice of classroom management and organization. *Journal of Research and Development in Education*, 7:75 - 85

Sarfo, F. K. (2007). The views of educational practitioners in Ghana on ICT use and instructional design practice for promoting quality education. In J. M. Spector, G. Demetrois, G. Sampson, T. Okamoto, Kinshuk, A. Stefano, M. Ueno, A. Kashihara (Eds.). *The 7<sup>th</sup> IEEE International Conference on Advanced Learning Technologies*, page 775-779, Los Alamos, Tokyo: IEEE Computer society.

Sarfo, F. K. & Elen J. (2006). Technical Expertise Development in Secondary Technical Schools: Effect of ICT - Enhanced Learning Environment. In H. H. Lund, E. Butinen, Kinshuk & A.N.E. Mkocho (Eds) *Proceedings on Forth IEEE International workshop on Technology for Education in Developing Countries* page 62 -65, Los Alamos, Tokyo: IEEE Computer Society.

Sarfo, F. K. & Elen, J. (2006), The Design of Effective Support for the Acquisition of Technical Expertise. In G., Clarebout & J. Ellen (Eds) *Avoiding Simplicity, Confronting Complexity*, page 417-421 Rotterdam/ Toupei: Sense Publishers

Sarfo, F. K. & Elen, J. (2005), Powerful learning environment and the development

of technical expertise in Ghana: Investigating the moderating effect of instructional conceptions. In P. Goodyear et al (Eds.) *The 5<sup>th</sup> IEEE International Conference on Advanced Learning Technologies*, page 1000-104, Los Alamatos, Tokyo: IEEE Computer society.

Clarebout, G., Elen, J., & Sarf, F. K (submitted) Measuring Instructional Conceptions: Development of a Reliable Instrument. *International Journal of Educational Research*.

### **Research In Progress**

- Monitoring the architecture and use of ICT in Secondary School in Developing Countries (Ghana).
- The effect of information (part and whole) presentation and knowledge of assessment on students' learning.
- Microteaching
- Views of Past Certificate in Education Students on the Certificate in Education Programme (Team of Lecturers).

### **INTERNATIONAL CONFERENCES/ WORKSHOPS**

2006: Attended International Conference on Technology for Education in Developing Countries in Iringa, Tanzania from 10<sup>th</sup> - 12<sup>th</sup> July. **Presented a paper on ICT and Instructional Design.**

2006: Attended International Workshop on Instructional Design and Learning with Computers in Leuven, Belgium from 18<sup>th</sup> - 25<sup>th</sup> June. **Presented a paper on 4C/ID model and the development of expertise.**

2005: Attended International Workshop and Mini-conference on extending cognitive load theory and instructional design to the development of expert performance at Herleen, the Netherlands, 29<sup>th</sup> - 30<sup>th</sup> August.

2005: Attended European Association of Research on Learning and Instruction (EARLI) Biennial Conference in Nicosia, Cyprus, 23<sup>rd</sup> - 27<sup>th</sup> August, 2005. **Presented a paper on instructional conceptions and the design of powerful learning environments.**

2005: Attended International Conference on Advanced Learning Technologies in Kaohsiung, Taiwan, 5 - 8 July. **Presented a paper on Powerful Learning Environment with or without ICT.**

2005: Participated in Summer School on Educational Technology in June 28 - July 3<sup>rd</sup> in Kaohsiung, Taiwan.

2003: Attended International Conference on Scientific Network on Powerful Learning environments at Antwerp, Belgium, 15-17<sup>th</sup> May.

1996: Attended the 46<sup>th</sup> Pugwash Annual Conference on Science and World Affairs in Lahti, Finland in September. Presented a paper on **The effects of anti personal mines.**

1994: Participated in the International Student Festival in Trondheim, Norway (ISFIT 1994) in October.

#### **WORKSHOPS ATTENDED AND OTHER SERVICES**

<b><i>Date</i></b>	<b><i>Title</i></b>	<b><i>Role</i></b>	<b><i>Place and Organisation that Sponsored</i></b>
2007, Nov. 14-16	TVET Distance Educ. Workshop	Participant	Commonwealth of Learning T.V.E.T
2007, Aug 28-30	Workshop on Principles and Methods of Teaching and Assessment at University level for CSUC lecturers	Training Consultant	Christian Service Univ. College. Kumasi
2003, May 15-17	Scientific Network of Powerful Learning Environment.	Participant	Univ. of Antwerp, Belgium
2001, May 7-18	National Workshop on Capacity Building in Training, Planning and Management	Training Consultant	WITC, Kumasi by ITTO Helsinki, Finland
2000, Dec. 22-23	Workshop on Designing Distance Learning Materials	Participant	IEDE, UEW Winneba
2000, June, 19-23	Afclist country impart Workshop and the opening of Sacost	Participant	UEW, Winneba. By Afclist
2000, Mar. 23-24	Presentation of tutorials and Radio Lectures	Coordinator /Participant	UEW, Winneba. by UEW
1999, Dec 21	Personnel and Management Debriefing workshop	Participant	ILP Office, Accra By ILP (USAID)
1999, Nov. 7-10	Development of Performance Appraisal and Instructional Manual	Coordinator /Resource Person	Koforidua by GES (WSDP)
1999, Aug (3 days)	Preparing MTEF budget for M&T Division, GES	Trainee	Teachers' Hall, Accra, GES.
1999, July 1	Formation of a Task Force to review Performance Appraisal Manual	Participant	ILP Office, Accra by ILP (USAID)

## **PRESENT EMPLOYMENT**

### ***Lecturer at College of Technology Education, University of Education, Winneba, Kumasi Campus (1999-Present)***

#### **Taught Courses:**

- Educational Technology: Level 100, Certificate in Education (Full Time), Certificate in Education (Sandwich)
- General Principles and Methods of Teaching: Certificate in Education (Full Time), Certificate in Education (Sanwich)
- Public Speaking: Level 300 (BBA & BSC)
- Instructional Techniques: Post Dip. in Voc/Tech (Distance learning)
- Models and Strategies of curriculum Development: MSc Crop/Animal Sciences, UEW - Mampong Campus

### ***Head of Department of Interdisciplinary Studies, College of Technology Education, University of Education, Winneba, Kumasi Campus (2006-Present)***

- Monitor and manages the departmental activities towards the achievement of the university goals.
- Chair the Departmental Board Meetings.
- Represent the department at the various Committee and Board Meetings of the university

## **OTHER EMPLOYMENT RECORDS**

<b><i>Year</i></b>	<b><i>Place</i></b>	<b><i>Position Held</i></b>	<b><i>Duties</i></b>
2001	WITC, Kumasi, Ghana	Training Consultant	Conducted Training programs on Curriculum development, pedagogies/ andragogies, and the use of Instructional Media for trainers.
1999/2000	University College of Education of Winneba (Educational Resource Centre)	Instructional Technologist	Assisted in practical and operational issues related to instructional media and teaching.
1998	Dupont Chemical Manufacturing Ltd, Dodrecht, Netherlands	Education/ Training Apprentice	Assisted in training programs for Managers and Professionals within Dupont.
1996-1997	Ministry of Health, Accra	Research Assistant (Part-time)	Collected and Analysed data
1995 - 1997	Oweriman Secondary School	Teacher, and Guidance & Counseling Coordinator	Teaching and Counseling

1994-1995	Head of State Award, Accra (National Service)	Program Officer	Introduced the concept of award in various Institutions
1988	Bipoah Junior Secondary School	Teacher	Teaching

### **CONTACT ADDRESS**

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