

**UNIVERSITY DEVELOPMENT LINKAGE
PROJECT
ANNUAL ACTIVITY REPORT
OCTOBER 1, 1995 to SEPTEMBER 30, 1996**

Lead Institution: Eastern Washington
University

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Cape Coast visitors at Grand Coulee Dam

A description of the past year's activities under each linkage objective:

Objective 1: To implement a post-graduate training program which will provide current University of Cape Coast (UCC) faculty with the opportunity to enhance their professional knowledge and skills in fields identified as critical to UCC and to provide focus to the development of master's level education at UCC.

Activities outlined under 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, and 1.7 in Annual Work Plan Year 3 have been implemented with the completion of the spring 1996 visit of six University of Cape Coast (UCC) faculty and to Eastern Washington University (EWU). This includes one Administrative Assistant who manages the USAID grant at UCC. The visit of these faculty brings the number of UCC participants who have experienced the planned post-graduate training program outlined in the Grant to 18. All of the visitors were involved in activities designed to enhance their professional knowledge and skills in fields identified as critical to UCC. Specifically, visiting faculty who participated under objective 1 were assigned to their respective academic departments where they taught classes, audited graduate classes in their areas and collaborated with their EWU counterparts to select materials for UCC and EWU libraries. Project trip reports submitted with July reports indicate the details of their experiences. One of the UCC participants was the Vice Chancellor (president) of UCC), [Professor Sam Adjepong](#) who taught at EWU during summer session 1996.

Objective 2: To internationalize EWU's curriculum by providing opportunities for UCC and EWU faculty...

Activities that were implemented under objective 2 are 2.1, 2.2, 2.3, 2.8 and 2.9. Six EWU faculty have or are currently visiting UCC for periods of two to three months for the Third Year. Three have completed the trips at the time of this writing, and it is evident from their trip reports that they all experienced the culture and the education process of Ghana which

is the mainstay of objective 2. Due to a UCC faculty strike during fall 1995, and subsequent cancellation of UCC courses, three of the six of the year 3 participants had to postpone their trips to UCC until early fall 1996. Three men and three women EWU faculty participated this budget cycle.

Other activities that were implemented under Objective 2 involved participants from UCC contributing to internationalization of the curriculum at EWU. Visiting UCC faculty taught courses in African Literature in the EWU English Department, African Religions in the EWU Department of Anthropology, Problems of Aging in Africa in the EWU Social Work Department, and African Culture in Transition through the EWU Sociology Department. These were significant, specific contributions to internationalizing the curriculum at EWU. Additionally, visiting faculty were guest lecturers in other courses and organized events on campus.

Objective 3: "To conduct joint research between EWU and UCC faculty..."

A presentation was prepared by Dr. Dominic Fobih of UCC and Dr. Nancy Todd of EWU, and presented by Dr. Todd, "Internet Resources and the African Curriculum," presented at the International Conference on Technology in Education, in New Orleans, LA, in March 1996. She contributed \$1600 to finance the presentation as part of the EWU match. This presentation was an outgrowth of Dr. Fobih's visit to EWU during spring 1995 under the grant.

Dr. Russ Hubbard also did a presentation on "Teaching in Ghanaian Universities" at the Lilly West Conference on Teaching in Higher Education, March 1996, Lake Arrowhead, CA.

[Dr. Dale Stradling and Dr. Jerry Galm](#) specifically traveled to Ghana under objective 4 to research and consult regarding environmental erosion, a vital development issue in Ghana.

Dr. Valerie Appleton's research project (as reported in the year 2 report, "Spontaneous Art Expressions of African, Indian and American Children", which was postponed to the strike, will be completed during the 1996-1997 year. Data will be collected for her research by an EWU participant during January 1997.


Dr. Joseph Tufuor (UCC) collected data using the Perry Learning Environment Preferences scale, a measure of adult learning development, with university students to be compared with a sample of EWU university students gathered by an EWU faculty participant.

Professor Kofi Yankson and Dr. Ken Anti of UCC are planning collaborative research in West African religions with Dr. Henry-York Steiner of the EWU English Department planned for the 1997-1998 grant cycle.

Although the research objective # 3 was canceled for 1996-1997 as a primary travel objective, faculty at both UCC and EWU are still pursuing joint research opportunities.

Objective 4: To implement a 'training of the trainers program' at UCEW

During year Two, as reported in October 1994, EWU faculty participated in teaching core courses for all of the masters students at UCEW. Subsequently during year three, the grant has provided stipends for UCC faculty to teach area specific courses, based on student need of the UCEW faculty participants. For example, Dr. Joseph Tufuor taught a course in Computers for Research. One EWU faculty, [Dr. Judy Leach](#), taught a course in Special Education Diagnosis. The remainder of the courses these candidates need are being taught by UCC faculty with the help of the grant stipends for traveling from UCC to UCEW to teach courses as overloads. The UCEW candidates have now all been assigned UCC advisors for their theses or research projects.



A description of progress toward the completion of each linkage objective

Objective 1: To implement a post-graduate training program [which will] upgrade UCC faculty skills...

By the close of year 3, eighteen participants from the University of Cape Coast had participated in the EWU-UCC faculty development program. The purpose of this activity is to enhance the skills of UCC faculty in graduate education. Of particular note was the work of [Dr. Charles Stephens](#) of UCC. While at EWU, he worked to procure biotechnology equipment to enable him to set up a biotechnology laboratory at UCC.

[Dr. Gordon Martinen](#) of EWU traveled to UCC to conduct seminars in higher education administration.

[Dr. Valaray Irvin](#) traveled to UCC to conduct seminars and design a program in student counseling.

At EWU, Professor Lee Swedberg (EWU) conducted a workshop in college teaching in American universities for UCC visitors upon their arrival in March these past three years. Dr. Russ Hubbard also conducted a workshop in college teaching, reflecting current thought in American higher education. UCC faculty also participated in weekly sessions in the uses of e-mail and the Internet for teaching and research. UCC faculty also participated in departmental and graduate committee meetings at EWU, returning the UCC with ideas for upgrading graduate programs.

Objective 2: Internationalize the curriculum at EWU...

To date, we have had 16 EWU faculty who have visited UCC and participated in teaching in the graduate program, consulting, and/or collaborating on a research project. All faculty

have returned with a heightened sense of awareness and enthusiasm about the need for internationalizing the EWU curriculum. Most have incorporated new ideas from their trips into their courses at EWU, as evidenced by trip reports.

[Dr. Ken Anti](#) and Ms. Doris Danchi of UCC and Professor Lee Swedberg of EWU, gave a 4 presentations at the EWU Women's center in spring 1996 about cultural issues in Ghana. Other UCC visiting faculty were invited to give a variety of presentations for EWU faculty and students.

Most of the UCC faculty have identified books and other international resources that have been of great importance in the internationalization process. An African History course developed by a UCC faculty and delivered at EWU has been approved as one of the required courses in international education for the undergraduate degree.

Objective 3: Collaborative Research...

Most collaborative research projects are on-going. Written reports are not expected until sometime in Year 4. Even though this objective was cut for year four due to USAID funding reductions, EWU and UCC faculty will continue with joint research pursuits in addition to teaching responsibilities.

Dr. Dale Stradling and Dr. Jerry Galm, both of the EWU Geography Department, conducted field research on environmental erosion in Ghana, along with members of the UCC Geography Department. The EWU are pursuing funding to return to continue their research and to enable them to continue to recommend plans for dealing with this vital issue.

Two national conference presentations in the U. S. have already been delivered by EWU faculty (Dr. Hubbard and Dr. Todd) as a result of their linkage participation.

Objective 4: To implement a 'training of the trainers program' at UCEW

Candidates are completing specific courses for their individual masters programs in education and are beginning their research projects, having been linked with UCC faculty with thesis advisors. One of the EWU grant participants provided materials for each of the 21 UCEW participants.

Dr. Judy Leach of EWU, traveled to Ghana to teach a course at UCEW in Special Education Diagnosis.

A description of any problems or barriers affecting the progress toward achieving the

linkage objectives.

The major problem that affected the program has been the faculty strike at UCC, which extended from March 1995 to December 1995. Fall 1995 EWU participants had to be rescheduled to Fall 1996 because courses they were scheduled to teach Fall 1995 were postponed. Their expenses are included in the 1995-1996 budget cycle.



Description of progress toward ensuring the sustainability of the Linkage.

A significant major contribution toward the sustainability was the participation of [Ms. Doris Danchi](#), who is the Administrative Assistant who manages the USAID grant for UCC, as an exchange participant in Spring 1996. She worked in the EWU grants office, in addition to our EWU Women's Center, and was successful in obtaining software donations from Microsoft, and wrote a grant for the Carnegie Corporation to obtain a server for computer network for UCC. As a result, a representative of the Carnegie Corporation visited UCC in the Fall of 1996 to pursue this opportunity and UCC was subsequently invited to write a grant. Should they be successful, this will go a long way to providing more Internet access at UCC and provide sustainability of the linkage. As a result of Ms. Danchi's efforts, the Carnegie Corporation awarded a \$100,000 grant for the establishment of a computer network at the University of Cape Coast. See [Carnegie Newline April 1997](#) and [Download](#) for details.

As a result of participation by Dr. Francis Saighoe of UCC in Spring 1995 and participation of Dr. Martin Zyskowski of EWU in Fall 1996, both of their respective Music Departments, music equipment has been donated to both universities. Dr. Zyskowski arranged for donations of musical instruments from a major music instrument supplier to be donated to the UCC Music Department. Previously, Dr. Saighoe had brought Ghanaian musical instruments to donate to EWU. Dr. Saighoe will be returning in Spring 1997 to teach two more African music classes for year 4 in order to sustain his work of Spring 1995.

As a result of the participation by Dr. Charles Stephens of UCC in Spring 1996 and participation of Dr. Don Lightfoot of EWU in Fall 1996, both Biotechnology professors, biotechnology equipment valued at \$5000 has been donated to UCC from EWU. In addition, UCC has received external funding to purchase computers which will be used by their Science Department in partial use for the biotechnology program. In addition to teaching, Dr. Lightfoot is further advising on the structure of a graduate degree in biotechnology. In the spring of 1998, another exchange of biotechnology faculty is planned.

Of the 6 EWU participants who have completed their travels during 1996, five are pursuing alternative funding to return to continue their work. Dr. Gordon Martinen, Professor of Educational Administration, who participated in the grant during winter 1995, is planning to go on leave fall quarter 1997 to travel to Ghana, by contributing travel financing himself, to continue with seminars in higher education administration. Dr. Dale Stradling and Dr. Jerry Galm are pursuing financing to return to Ghana to pursue their research in environmental erosion. Dr. Judy Leach is pursuing Fulbright teaching opportunities to return to Africa.

A 1995-1996 participant, Professor Heather McKean has traveled to UCC to teach and consult about science education. A science education professor, Dr. Joseph Tufuor and EWU professor, Dr. Nancy Todd will collaborate and team teach about computer technologies in teacher education during Winter 1997. Dr. Tufuor will travel to EWU during spring 1997 to further develop his skills in graduate teacher education in both of these areas. Another EWU science education professor, Dr. Jerry Logan, will travel to UCC during summer 1997 to continue these collaborations.

Quantitative outputs of the linkage activities

Outputs include the following:

- (a). Eighteen UCC Faculty have traveled to EWU to address objective one of the project--to enhance the skills of UCC faculty in fields identified as critical the UCC's graduate education..
- (b). Twenty-one faculty from the University College of Education at Winneba are enrolled full time in the field-based masters degree program. These participants are now pursuing their final major research projects or theses.
- (c). Sixteen EWU professors have participated in the Linkage, returning ideas on internationalizing the EWU curriculum.
- (d). African specific courses taught during this cycle include: African Literature in English, African Religions, Problems of Aging in Africa, and African Culture in Transition. This brings a total of eight African Studies courses at EWU; previous courses include African History, African Economic and Political Geography, and The Black Family. The African History courses has been officially approved as a requirement for the international education component of the undergraduate degree at EWU.

An assessment of the impact of the linkage on internationalization of the recipient institution and any U. S. linkage partners; and an assessment of developing country linkage partner institution capabilities to meet its societal development needs:

As we conclude the third year of the linkage project, the impact of linkage on the internationalization of both EWU and UCC has become more obvious.

At EWU the new African history course has been approved as one of the courses that will fulfill international studies requirements for EWU Bachelor degree. An

additional seven African courses, for a total of eight, have been taught at EWU by UCC faculty during years 2 and 3 of the grant. EWU faculty who have traveled to UCC have incorporated aspects of their new understandings into their courses. As the writer of this report is an Education professor, I have seen evidence of this from all five of us from the EWU Education department who have traveled to Ghana during the past three years.

At UCC, faculty who have traveled to EWU have shared with their colleagues their new insights in graduate curriculum design. Increased telecommunication skills by UCC participants with EWU counterparts will ensure that further collaboration will continue and will become more efficient. Currently, EWU faculty are able to communicate with colleagues through e-mail with the UDLP e-mail connection so that they may continue their research collaborations.

The Vice Chancellor of UCC (President), Professor Samuel Adjepong, Professor Frank Bediako, and Professor Ken Anti all were able to participate in Professional Admissions interviews for teacher candidates in EWU's Department of Education. This is a process in which candidates are assessed to determine if they have the knowledge and skills to proceed with student teaching. The Vice Chancellor indicated that he would like to incorporate this process into the Teacher Education Program at UCC. Further, videotapes of this process at EWU will be delivered to UCC in December 1996. This process will be reviewed with UCC Faculty of Education during the January 1997 by a EWU Education Faculty participant.

The Vice Chancellor also reviewed models for integrating computer technologies in university teacher education programs, and had recommended that UCC adapt their teacher education program to integrate these technologies. Since UCC is the foremost university in Ghana that prepares teachers, this will be an important contribution to upgrading basic education in Ghana which is an urgent societal development issue.

The continued masters program for the 21 faculty at the University of Education at Winneba (UCEW), sponsored by UCC and EWU, will strengthen participants teaching skills as teacher educators which will in turn impact Ghana's important educational reform movement.

Establishing a Biotechnology program at UCC will be the first in higher education in Ghana. This is a critical need in the context of development in Ghana.

Ultimately, grant sustainability will rest with individual faculty at both universities pursuing continued contact. As of this writing, as noted above, several EWU faculty are pursuing continued funding for returning to Ghana to continue their work.