

**UNIVERSITY DEVELOPMENT LINKAGE
PROJECT**
ANNUAL ACTIVITY REPORT
OCTOBER 1, 1997 to SEPTEMBER 30, 1998

Lead Institution: Eastern Washington
University

Name of Project Director: Dr. Nancy Todd

Cooperative Agreement: PCE-5063-A-00-3040-
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Two cultures
meet at
EWU
Powwow

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 5 have been implemented with the completion of the spring 1998 visit of six University of Cape Coast (UCC) faculty to Eastern Washington University (EWU). 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 twenty-six. All of the visitors were involved in activities designed to enhance their professional knowledge and skills in fields identified as critical to UCC.

Dr. Jophus Anamuah-Mensah, Pro-Vice Chancellor of UCC and Head, Science Education, Faculty of Education, was also at EWU during spring 1998. He attended many administrative meetings of senior officials at EWU. These meetings provided insights for him to help oversee graduate programs at UCC. He gave a presentation: [Science Education as a Tool for National Development: The Missing Framework](#). See [trip report](#).

Dr. Joseph Essuman, Faculty of Education at UCC, was at EWU during spring 1998. As head of the graduate Counseling Program at UCC, he will use his knowledge to improve their counseling program and graduate program. His trip was a follow-up to the 1996 trip of Dr. ValaRay Irvin of EWU to UCC. During that trip, she and Dr. Essuman developed a plan, which was subsequently accepted, for establishing a student counseling center at UCC. Dr. Essuman delivered a paper [History of Guidance and Counseling in Ghana](#). See also his [trip report](#).

Ms. Ekua Amua-Sekyi Ekua Amua-Sekyi, Faculty of Education at UCC, was also at EWU during spring 1998 for reading and language arts. She will be applying her knowledge with graduate students in the teacher education program. Because of her presence in the Education department, many books were gathered to donate to UCC. She gave a presentation at the EWU Women's Center, [Education of Girls in Ghana](#). See [trip report](#).

Mr. Isaac Galyuon came to EWU during spring 1998 to further study Biotechnology techniques for use back at UCC's graduate program in Biotechnology. Mr. Galyuon directs the graduate research in the Graduate Plant Biotechnology Laboratory on a daily basis. See [trip report](#)

During this fiscal year four EWU faculty traveled to Ghana for this objective to work with graduate faculty at UCC. Their participation biotechnology and teacher education.

Eric Flamoe taught courses in biotechnology and furthered the graduate plant biotechnology program. His activities included organizing a laboratory facility for this program, with equipment donated by EWU, as well as designing graduate courses and collaborating with Botany faculty. See [trip report](#) .

Dr. Nancy Todd presented workshops for Education Faculty on Essential Academic Learning Requirements for K-12 students. See [1998 trip report](#).

As of this writing Dr. Steve Stein is at UCC to continue collaboration and teaching in Biology. Dr. Karen McKinney is working with women faculty at UCC on women's issues in higher education. Dr. Carlos Maldonado is conducting seminars in Ethnicities in the Americas for Education social studies faculty and students. This group is the last group of EWU exchange faculty participating at UCC.

Objective 2: To internationalize EWU's curriculum by providing faculty with a first-hand opportunity to experience culture and educational process in a developing nation, and by utilizing the expertise of UCC faculty in integrating materials on development-related issues into EWU curriculum...

Activities that were implemented under objective 2 are 2.1, 2.2, 2.3, 2.8 and 2.9. Two of the UCC faculty traveled to EWU in Spring 1997 for this objective.

Dr. John Addai-Sundiata, UDLP Director at UCC, taught a course in The Black Family for the EWU Sociology Department. Additionally he gave two invited presentations for the International Studies program [Nation Building in Modern Africa](#) and [Culture and Interdependence](#). See [1998 trip report](#).

Dr. Daniel Dwarko taught a course in African History at EWU this spring quarter to a group of over 50 students. As a result of his presence, the EWU History department is donating a collection of books and three microfiche readers to UCC. See [trip report](#).

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

We completed editing and providing English voice-overs of a video-tape of an interview in the Central Region Ghanaian village of Simiuw conducted in 1997 by John Addai-Sundiata and Nancy Todd. This will be used at both EWU and UCC as a teaching tool. See transcript of [Interview with Villagers of Simiuw](#) .

Dr. Tufuor and Dr. Todd are also collaborating on a research project with collected data using the Perry Learning Environment Preferences scale, a measure of adult learning development. Comparisons are being drawn between UCC and EWU students. Data is being analyzed at this time. These research reports will be submitted for publication in 1998.

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

During August 1998 Dr. Todd met with the instructors from the University College of Education at Winneba who are graduate students participating in the field-based masters program sponsored by EWU and UCC. She advised on their progress toward completion of their masters theses. Dr. Felix Boateng, project consultant also met with these graduate students. Discussions with the students and with each of their UCC faculty advisors who are facilitating this masters program reflected updates on the field-based masters degree

program, student concerns, course work, special projects, thesis and other issues associated with deadlines about completion of the degree program. Graduation for these participants is planned for July 1999.

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 five, twenty-five participants from the University of Cape Coast had participated in the faculty development objective. The purpose of this activity is to enhance the skills of UCC faculty in graduate education.

There has been continued collaboration and exchange with teacher education faculty from both universities with a particular emphasis on educational technology, biotechnology, and science education. Music is another area that has received emphasis in curriculum development at both universities.

Objective 2: To internationalize EWU's curriculum by providing faculty with a first-hand opportunity to experience culture and educational process in a developing nation, and by utilizing the expertise of UCC faculty in integrating materials on development-related issues into EWU curriculum...

To date, we have had twenty-four 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. EWU grant participants have incorporated their learning experiences from grant participation in Ghana into their professional roles.

Objective 3: Collaborative Research...

I am still awaiting the review of our joint research project by Dr. Joseph Tufuor.

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

Eighteen 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. These UCC faculty have tutored courses for these individuals, as well as supervising theses. Plans are being made for their graduation ceremony in July 1999. The graduate students are all instructors in a teacher training institution, who are in turn, sharing their new knowledge of teaching and learning with their own students who are teacher candidates.

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

Completion of the masters program by UCEW faculty continues to be slow. So far about six of the original participants have taken advantage of graduate study in European and American institutions. This affords them an opportunity for earning generous stipends and relief from teaching responsibilities had they continued with our program at UCEW.

Complete financial records for the grant have not been kept by staff in the UDLP office at UCC. These need to be compiled from the general accounting office of the university. While not hampering progress with the objectives, it

is a barrier to completing adequate financial reporting for winding up the grant. In August I asked for an audited financial statement of the grant account and am awaiting receipt of the documents.

Description of progress toward ensuring the sustainability of the Linkage.

Visiting UCC faculty at EWU participated in sessions in the uses of e-mail and the Internet for teaching and research. These participants returned with enthusiasm to support UCC initiatives in bringing telecommunication resources to their campus. This will greatly assist grant participants in continue communication.

The EWU Biology Department provided a \$2500 award to Eric Flamoe to travel to UCC to teach in the new biotechnology program for fall 1997. In the spring of 1998. This builds on the work of Dr. Charles Stephens from UCC and Dr. Don Lightfoot from EWU, both former grant participants.

In my opinion, the greatest strides with sustainability are in those areas such as biotechnology, music, and science education, because there has been an continual exchange of faculty counterparts in those departments from both UCC and EWU traveling to each others' universities in order to sustain collaborative work in teaching. I also believe that having several people from the same department helps sustain interest. For example, there have been six of us from the EWU Department of Education who have traveled to Cape Coast and have been able to share insights and curricular ideas.

I believe the most significant outgrowth of this grant, and potentially the most long lasting and sustainable, has been establishing the Biotechnology program and laboratory at UCC. This strand of exchange was begun with Charles Stephens' trip from UCC to EWU in Spring 1996 and followed by Don Lightfoot's travel from EWU to UCC in Fall 1996. Considering the travel expenses of these four participants and shipping of materials, we have invested about \$28,000 for this effort. Over the years, Don also has been responsible for approximately another \$4000 of equipment and supplies being donated to the laboratory.

During this past year, a collection of web pages have been created to display aspects of the grant. As a service to the University of Cape Coast, [The Oguaa Educator](#), a juried publication of the Faculty of Education, is being placed on-line by Eastern Washington University.

Quantitative outputs of the linkage activities

Outputs include the following:

- (a). Twenty-six 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). Eighteen 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. Their graduation is scheduled for July 1999.
- (c). Twenty-three different EWU professors have participated in the linkage, returning with ideas for internationalizing the EWU curriculum.
- (d). A total of nine African Studies courses have been taught at EWU during the past five years. These include: African Resources for the Curriculum, The Black Family, African Music, African

Literature in English, African Religions, Problems of Aging in Africa, and African Culture in Transition, African History, and African Economic and Political Geography. The African History courses has been officially approved as a requirement for the international education component of the undergraduate degree at EWU. Additionally, a tenth course, a education workshop for teachers, African Resources in the Curriculum was also taught.

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:

At Eastern Washington University, a total of nine different courses related to African studies have been taught. 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. In addition, one EWU faculty developed and taught an education course, African Resources for the Curriculum. EWU faculty who have traveled to UCC have incorporated aspects of their new understandings into their courses and professional work, as reported above.

Not only have EWU participating faculty incorporated aspects of their learnings gained through their grant participation, several have significantly contributed financially by personally donating equipment, software, books and other assorted teaching materials, thereby demonstrating a personal commitment to continued collaboration. For example, Dr. John Addai-Sundiata's (Project Director at UCC) efforts in the Department of Sociology have been greatly appreciated. The department chair, Dr. Jeffers Chertok told me that their faculty appreciated having John teach because of his outstanding background from having received his doctorate at Heidelberg University, one of the most respected institutions in Sociology. Jeff also told me how much the students enjoyed John's classes over the years and learned a great deal about African cultures. John has also shared his knowledge and expertise at many invited speaking opportunities while at EWU. Dr. Addai-Sundiata has resigned his post as project director as of September of this year because he was approved for sabbatical. Faculty members must teach at least one year following a sabbatical. As there is an age 60 mandatory retirement in Ghana, this is his last opportunity.

In addition to typical matches by an American university, such as in contributions of participating salaries, at EWU the departments of Education, Applied Psychology, Biology, Geography and Anthropology have made significant financial contributions in supporting additional faculty participation and materials. This kind of support has been generated by EWU faculty as a result of their enthusiastic participation in the grant at UCC.

At the University of Cape Coast, UCC faculty who have traveled to EWU have shared with their colleagues their new insights in graduate curriculum design in teacher education. The continued masters program for the eighteen faculty at the University of Education at Winneba, sponsored by UCC and EWU, will strengthen participants teaching skills as teacher educators which also will, in turn, impact Ghana's important educational reform movement.

Increased telecommunication skills by UCC participants with EWU counterparts will ensure that further collaboration will continue and will become more efficient. The award by the Carnegie Corporation for networking equipment is a significant outgrowth of this grant and will greatly enable UCC to maintain both national and international connections as they continue to meet their societal development needs.

The Biotechnology program established at UCC with the help of EWU is the first biotechnology program in higher education in Ghana. This is a critical need in the context of development in Ghana. There is a keen, on-going interest by EWU grant participants from the Biology department for continued collaborations on the biotechnology project, as well as science education. This will be furthered with the purchase of a Helios Biolistic Genetic Gun which will be used to develop a disease-resistant variety of cassava due to genetic engineering. Faculty from both university will be working on this project.

As mentioned previously, because there has been an continual exchange of faculty counterparts from both UCC and EWU in the biotechnology and teacher education areas, continued collaborative work in teaching has been greatly enhanced. Ultimately, grant sustainability will rest with individual faculty at both universities pursuing continued contact.