Schedule: Liberian Work Tour
Saturday July 19th to Friday July 25th: North Carolina State University

Attendees: Cuttington University
1. Dr. David Kolleh, Department Head, Natural Resources Management
2. Mr. Henry Flomo, Lecturer, Natural Resources Management
3. Mr. Saffa Koroma, Lecturer, Natural Resources Management
4. Dr. Daniel Yahba, Acting Dean, Plant and Soil Sciences
5. Mr. Philip Ndaloma, Lecturer, Plant and Soil Sciences
6. Ms. Molly Massaquoi, Lecturer, Plant and Soil Sciences
7. Mr. Johnson Weefah, Teaching Assistant, Plant and Soil Sciences
8. Dr. Gloria Bishop, Department Head, Animal Science and Health
9. Mr. Daworlor Kanasuah, Teaching Assistant, Animal Science and Health
10. Ms. Patrícia Barkoum
11. Dr. Charles Mulbah, RTI Employee, Agriculture Education Advisor

Attendees: North Carolina State University
1. Dr. David Jordan, Professor, Crop Science
2. Dr. Char Farin, Professor, Animal Science
3. Dr. Bir Thapa, Visiting Professor, Crop Science
4. Dr. Rick Brandenburg, Professor, Entomology
5. Dr. Jay Jayaratne, Associate Professor, Agriculture Extension and Education
6. Dr. Sung Woo Kim, Professor, Animal Science
7. Dr. Clyde Sorenson, Professor, Entomology
8. Mr. Gary Bullen, Extension Associate, Agriculture and Resource Economics
9. Dr. Bridget Lassiter, Research Assistant, Crop Science

Attendees: RTI International
1. Ms. Nicole Jacobs, Project Administration Manager, EHELD
2. Ms. Tameeka Norton, Project Associate, International Development Group
Final Report to send to RTI

Saturday July 19th, 2014
10:23 am - Arrive @ RDU airport (Delta Flight 2932)

Sunday July 20th, 2014
5:00 pm - {Dinner as a Group - ALL EHELD Participants Invited} Meet at:
Amedeos Italian Restauraunt, 3905 Western Boulevard, Raleigh, NC 27606

**Comments:** Dinner was well attended, and participants were able to meet the NCSU partners, as well as the RTI partners. Each attendee stood up and introduced themselves, and dinner was a very enjoyable time to gather our thoughts before a very busy week!

Monday July 21, 2014 – Workshops on Campus
8:00 – 8:30 am - Introduction to Campus and Departmental Tour
8:30 – 10:00 am - Overview of Academic Programs in Crop Science & Animal Science, Dr. Char Farin, Professor, Animal Science
Dr. Lori Snyder - Associate Professor, Crop Science
Dr. Bob Patterson - Professor and Undergraduate Coordinator, Crop Science
10:30 – 12:00 - Teaching Methodologies, Experiential Learning, Dr. David Jones, Associate Professor, Agricultural Extension and Education
12:00  {Lunch as a Group}  Catered by Neomonde Mediterranean Deli
1:00 – 2:30 pm - Effective Leadership Methods, Dr. David Jones, Associate Professor, Agricultural Extension and Education
2:30 – 4:00 pm - Gender and Minority, Dr. Lisa Guion Jones, Associate Director of Academic Programs and Assistant Dean for Diversity, Outreach and Engagement.
4:30- 5:30 - Tour of Authentic Learning Center, Crop Science, Undergraduate Teaching Labs, Anthea Saez, 2409 Williams Hall
3:00 – 5:00 pm - Educational Module Development
5:30 – 7:00 pm - {Dinner as a Group} - 2405 Williams Hall, Catered by Clyde Coopers BBQ.

**Comments:** Attendees responded very positively to each guest speaker, especially the Teaching Methodologies workshop. The Liberian visitors requested that Dr. Jones be allowed to visit with them at Cuttington University to do a longer workshop. Our module development session went very well; each attendee participated in a group (Animal Science, Plant and Soil Science, or Natural Resource Management) and proofread our “Course Description” document. Every module was reviewed, and edits were made by the Liberian faculty where needed.
Tuesday July 22nd:  Field Trip to Cherry Research Farm and CEFS

8:00 am - Arrive at the Center for Environmental Farming Systems in Goldsboro, NC.
8:15-10:00 - Tour of Small Farm Unit, Ms. Marisa Benzle, Small Farm Unit Manager
10:00-11:00 - Discussion of SWARM Youth Program, Shorelette Adams, Community Foods Systems Outreach Coordinator
11:00 – 11:30 - Discussion of the Sustainable Agriculture Internship Program and meet interns, Dr. Michelle Schroeder Moreno, Associate Professor, Crop Science & Ms. Lisa Forehand, Extension Associate, Horticulture Science
11:45-1:30 – Panel discussion and interaction between the CEFS summer interns, and the Liberian faculty.
2:00 pm {Lunch as a Group} and Return to NCSU
4-5:30 - Participants returned to hotel to rest and get ready for dinner
6:00 – 8:00 pm - Dinner Reception at home of Dr. Char Farin, Professor, Animal Science, (EHELD faculty including Bob and Preston Patterson, Bridget, David, and Jada Bing)

**Comments:** Liberians were excited to see familiar crops (such as okra growing at the small farm unit), as well as the integration of animals and crops in a small scale farming system, which is similar to the systems that they are involved with at Cuttington University. Also, we had a 1.5 hour discussion between the Liberian guests and the CEFS interns (college students). The interns had done research on Liberian agriculture, and were able to ask very good questions of the Liberians. The discourse was very lively and interesting! A very hearty lunch was enjoyed at a Chinese Buffett, and we returned to Raleigh to prepare for our lovely dinner celebration at Char Farins house. Participants returned to their hotel to prepare for their individual seminars that were to be given the following day.
Wednesday July 23rd: NCSU Campus Day

8:00 – 8:30 am - International Programs in the College of Agriculture & Life Science, Dr. John Sabella, Assistant Dean of CALS International Programs

8:30 – 9:00 - Academic Programs in the College of Agriculture & Life Science Dr. Sam Pardue, Dean of Academic Programs in CALS

Break – Howling Cow Ice Cream Social – 2405 Williams Hall

10:00 am – 1:00 pm - Presentations by Liberian Faculty to NC State Faculty (ALL EHELD Participants Invited) 2405 Williams Hall

- Dr. Charles Mulbah, Overview of EHELD Program
- Dr. Daniel Yahba – Overview of the College of Agriculture and Sustainable Development
- Dr. David Kolleh – Overview of Liberian Agriculture
- Mr. Henry Flomo – Vision, Mission Statement, Success and Challenges of Natural Resources Management in the College of Agriculture and Sustainable Development
- Dr. Gloria Bishop – Animal Production and Health in Liberia
- Mr. Saffa Koroma – Natural Resource Management in Liberian Development
- Mr. Philip Ndaloma – The Role of International Development from the US in Transforming Liberian Agriculture and Natural Resource Management
- Mr. Molly Massaquoi – Vision, Mission Statement, Success and Challenges of Plant and Soil Sciences
- Ms. Patrricia Barkhoum, Cuttington University Vision of EHELD and its Sustainability,

1:00 pm {Lunch as a Group}

2:30 – 3:00 pm - Faculty Mentors and Assessing Faculty Activities, Dr. Jeff Mullahey, Department Head, Crop Science

3:00-4:30 pm - Learning Outcomes and Curriculum Assessment, Dr. Carrie Zelna, Office of Assessment in the Division of Academic and Student Affairs

4:30 – 5:00 – Short walking tour of NCSU campus to view free expression tunnel and other buildings on campus.

5:00-5:30 pm - Advising Students in Careers and Internships, Mr. D. R. Ingram and Ms. Kelly Mullins, University Career Services

**Comments:** Each of the 9 Liberians who presented a talk did a very nice job of making their presentation. They were well prepared and rehearsed. The talks were videotaped, and are available for viewing at the following address: [http://youtu.be/cL7sggRWXrs](http://youtu.be/cL7sggRWXrs)

Approximately 50 attendees were present for the talks, including faculty and staff from Crop Science, Animal Science, Entomology, Agriculture and Extension Education, Plant Pathology, The College of Natural Resources, and the NC Department of Environmental and Natural Resources, and the College office of Communication. Each of the University guest speakers was also very well received, and participants were engaged during the entire program.
Thursday July 24th:  
**RTI Visit & Module Development**

9:00 – 3:30 pm - Visit to offices of RTI International campus in Research Triangle Park

Ms. Nicole Jacobs, Project Administrator, RTI International – Planning session for the long-term success of the EHELD project

Ms. Tameeka Norton, Project Associate, RTI International

{Lunch as a Group}

6:00 – 8:00 pm - {Dinner together} - NC State University Club, State Room

4200 Hillsborough Street, Raleigh, NC 27606

**Comments:** The planning session at RTI was very well executed, and the participants were fully engaged in the brainstorming and strategic planning of programs that they hope to develop at Cuttington University. A very long conversation was held to have the participants answer the question – “What do you want a Center of Excellence to look like at Cuttington University?

Friday July 25th:  
**Content Specific Field Trips**

(A) - Animal Science

7:30 am - Pick up @ Avent Ferry - Dr. Char Farin, Professor, Animal Science and Dr. Sung Woo Kim, Professor, Animal Science. 2 Liberian Participants.
8:00 am - Visit to the Lake Wheeler Road Field Laboratory Swine Education Unit, Mr. Clay Bird
9:00 am - Feed Mill Field Laboratory, Dr. Adam C. Fahrenholz
10:30 - Small Ruminant Education Unit, Dr. Jean-Marie Liginbuhl, & Heather Glennon
Lunch {As a Group} Farmers Market Seafood Restaurant
1:30 - Beef Education Unit, Mr. Rick Kern, Manager
2:30 - Finish Animal Unit Tour, Dairy Education Unit, Anthony Chesnutt, Research Operation Manager
3:30 –4:00 pm – Visit to the Animal Science Teaching Labs in Riddick Hall with Char Farin.

(b) Crop & Soil Science
7:30 am - Pick up @ Avent Ferry - Bridget Lassiter, Crop Science – 5 Liberians Present
8:00 – 9:30 pm-NC Department of Agriculture & Consumer Services, Agronomic Division, Raleigh. Dr. Michelle McGinnis, Field Services Section Chief – Agronomic Division.

    Plant Tissue Analysis - Ms. Brenda Cleveland
    Nematode Assay - Dr. Weimin Ye
    Soil testing lab - Dr. David Hardy
    Field Services and Regional Agronomists - Dr. Michelle McGinnis
10:00 – 11:00 - Pesticide Inspection and Enforcement Program – NCDA&CS, Patrick Jones
11:15 – 12:15 pm - Plant Disease and Insect Clinic, Dr. Barbara Shew – Associate Professor, Plant Pathology
Lunch {As a Group – NCSU Atrium}
2:00 – 3:00 Tour of Fike Agronomy Teaching Field Lab, Ms. Brenda Penny Lake Wheeler Road Field Lab
3:15 – 4:00 – Tour of Agroecology Education Farm, 4400 Mid Pines Drive, Raleigh, Alison Reeves, Agroecology Farm Manager
(C) Natural Resource Management

7:30 am - Pick up @ Avent Ferry - Bir Thapa, Crop Science – 4 Liberians Present
8:00 – 12:00 pm-NC Department of Environment and Natural Resources, Ms. Amy Keyworth, Hydrogeologist.

Conversations with a geologist, and a woman who manages the Concentrated Animal Feeding Program. Contacts included: Lawson, Christine”
<Christine.Lawson@ncdenr.gov>, "Sadosky, Rebecca"
<rebecca.sadosky@ncdenr.gov>, "Kebede, Adugna"
<adugna.kebede@ncdenr.gov>, "Rajbhandari, Narayan"
<narayan.rajbhandari@ncdenr.gov>, "Garoma, Miressa"
<miressa.garoma@ncdenr.gov>, "Bechtel, Randy"
<randy.bechtel@ncdenr.gov>, "Munger, Bridget"
<bridget.munger@ncdenr.gov>, "Livingston, Kimberly"
<Kim.Livingston@ncagr.gov>, "Scott, Michael"
<michael.scott@ncdenr.gov>, "Caldwell, Craig"
<craig.caldwell@ncdenr.gov>, "Denham, Holly"
<holly.denham@ncdenr.gov>, "Gerow, Tom" <tom.a.gerow@ncagr.gov>, "Braswell, Alvin" <alvin.braswell@naturalsciences.org>, "larick,"<keith@ncagr.gov>

Lunch {As a Group – Museum Cafe} 
1:00 4:30 – Alvin Braswell, Deputy Museum Director for Operations at the Museum of Natural Sciences – tour of Museum.

Everyone – 6:30 – Dinner together in Williams Hall. Award ceremony,

Comments: Each of the participants commented to us about how these field trip days were very educational and enjoyable. The tour with the group from the Natural Resource Management group came together through the hard work of Amy Keyworth, who attended the seminars on Wednesday. Dinner together was a good time to reflect upon the week, to present certificates to each Liberian participant, and to recognize distinguished guests.