

## *Supporting Higher Education in the Developing World*

Academics for Higher Education and Development (**AHED**) is a Canadian bilingual NGO based in Montreal, the mission of which is to support academic institution in developing countries in building capacity in higher education so that they can train their own experts and conduct research to assist in their development. AHED fulfills its mission by sending volunteers on projects that originate and are owned by developing world institutions. AHED reimburses volunteers for their expenses but does not offer them a salary. AHED is looking for ONE volunteer for the following assignment.

<b>Job Title*</b>	Faculty Advisor – Mathematics
<b>Job Reference</b>	2012 – Liberia - Mathematics
<b>Partner Organisation</b>	University of Liberia (UL), Monrovia, Liberia
<b>Country</b>	Liberia
<b>Language(s)</b>	English

**Job Description** The volunteer will support the teaching ability of UL faculty members who instruct incoming students mathematics. Other AHED volunteers will concurrently be addressing English teaching and teaching methods. The AHED mathematics volunteer will teach two intensive mathematics courses. These will likely be a calculus and a finite mathematics course. The specific course content will be determined during a March 2012 Review mission to Liberia by a member of AHED's team in consultation with the UL mathematics faculty and with the AHED volunteer for mathematics.

All AHED volunteers will model effective teaching methods and work with the participants to identify ways in which the course content can be adapted to the unique teaching environment at UL (large classes, no books, etc.). Work with the UL faculty and administration to determine what follow-up courses are needed to strengthen the capacity of the UL faculty. This will be an on-going process.

### **Requirements**

The AHED volunteer will:

- 1) Work with the UL faculty and administration to design the courses and assessment tools.
- 2) Teach two courses.
- 3) Work with the UL faculty and administration to determine what courses should be offered in the future.

### **Educational Qualifications**

PhD preferred / Masters

Discipline: Mathematics and/or Education

Specialization: Teaching and Learning. Minimum 5 years' experience of teaching mathematics

### **Professional Experience**

Teaching: faculty development; participatory teaching techniques;  
Mentoring; mathematics; curriculum development  
Culturally sensitive; team player; mentor; effective communicator; adaptable

### **Start date and Duration**

Faculty Training: June 17, 2012 – July 22, 2012

### **Benefits:**

Housing with en-suite bathroom; per diem  
Return economy airfare  
Visas, travel and health insurance, incidentals, vaccinations and medications

### **Application:**

CV, names of two referees, and covering letter (**deadline 29 February 2012**)

### **Contact:**

**Robert McDowell, [rmcdow@ahed-upesed.org](mailto:rmcdow@ahed-upesed.org)**