



EARTH UNIVERSITY ANNOUNCEMENT OF FACULTY POSITION

EARTH University is a private, not-for-profit institution dedicated to education in agriculture and natural resource management. EARTH is a four year residential undergraduate institution with 420 students coming from 35 countries, mostly in Latin America, the Caribbean and Africa. EARTH's educational model is based on the principles of student centered and experiential learning. The University is located in the province of Limón in Costa Rica, Central America.

EARTH University invites applications from qualified candidates interested in being considered for the position described below. The review of applications will begin immediately and continue until the position is filled.

PROFESSOR OF BIORESOURCE ENGINEERING

The successful candidate should have a postgraduate degree (Masters or Doctorate) in Bioresource Engineering and related fields with experience in any of the following areas:

- Hands-on workshop skills and project management (engineering design project, welding, motor & machinery maintenance, wood working, rural constructions)
- Land surveying (use of GPS, theodolites, hand levels) & knowledge of Geographic Information Systems (GIS), remote sensing (using satellite & drones) and spatial information management in the context of precision agriculture
- Drafting and Design Engineering (Flowcharts, CAD).
- Renewable energy (photovoltaic, wind, hydraulic) and bioenergy (bioethanol, biodiesel, algae production, etc...)
- Instrumentation and control systems (variable rate technologies, real-time and site/environment-specific decision making and control)
- Experience in teaching young adults at a university level
- International experience
- Excellent abilities in interdisciplinary and multicultural teamwork
- Ability to communicate effectively in English and Spanish is required. For non-Spanish speakers learning Spanish is required during their first year of residence at the University.
- Willingness to live and work in a rural area

Responsibilities:

- Facilitate students learning related to the operation, calibration and maintenance of machinery used in agriculture and natural resources management
- Help students understand the practical application of remote sensors, design and technical drawing, geographic information systems (GIS) and global positioning systems (GPS)
- Manage EARTH University engineering laboratory and workshop (engineering design, welding, motor & machinery maintenance, wood working, rural constructions)
- Participate in interdisciplinary research projects involving EARTH students

EARTH offers a competitive compensation and benefits package. EARTH also has residential options available in a multicultural environment inside our Campus.

Application Procedure

Candidates should send a cover letter describing their qualifications for the position and their teaching philosophy, a copy of their curriculum vitae, contact information for three references including phone numbers, e-mails and skype contact. References will be contacted only if the candidates are selected as finalists. Send all documents to:

CONTACT

Mr. Edgar Alvarado
Dean of Academic Affairs
EARTH University
Phone +506 2713-0000 Fax +506 2713-0387
E-mail: decanato@earth.ac.cr / cgortiz@earth.ac.cr
Web page: www.earth.ac.cr