



# Preparing leaders of change

## Faculty positions at EARTH University

EARTH University, located in the Caribbean lowlands of Costa Rica's Limón province, is seeking exceptional educators and researchers who want to prepare, not just capable professionals, but leaders with the conviction to create positive change, the capacity to shift paradigms in business and government and the commitment to care for others and the planet.

### BEING A PROFESSOR AT EARTH

At EARTH, the teaching/learning process is dynamic and participatory, and EARTH professors serve as facilitators of learning. Our educational approach is based on the principals of student-centered and experiential learning. Faculty develops deliberate experiences to foster learning and give students opportunities to build knowledge and develop abilities.

*What makes teaching at EARTH unique?*



“The most rewarding part of teaching at EARTH is the students, who respond when challenged and show a genuine interest in their learning process. I see some of my students in the lab at 9:30 at night. Nobody is making them do that.”

Johan Perret, France  
PhD, Soil Science  
McGill University, Canada

1. **Commitment to the success of each student:** Every student is a potential leader of change and an investment in our future; therefore, we are committed to ensuring their success. This often requires faculty to personalize teaching methods to address different learning styles and provide out-of-class support.
2. **There are no departments, schools or faculties at EARTH:** Faculty is organized by class-year ensuring integration across disciplines and facilitating a comprehensive approach to dealing with academic issues that may arise.
3. **Individualized attention to the growth of each student:** With a 10:1 student-to-faculty ratio, open-door policy and with student and faculty living on campus, faculty get to know every student on a personal level and play an important role in their academic and personal development.
4. **Applied work in the field:** In most courses, there is more practice in the field than instruction in the classroom. This gives faculty the opportunity to not only provide experiential learning opportunities for their students, but also incorporate field research into their classes.
5. **Generation of knowledge:** At EARTH research and investigation are considered to be fundamental parts of the learning process. Students have the opportunity to participate in ongoing research efforts as well as initiate their own projects.
6. **Outreach:** Professors at EARTH have the opportunity to supervise and evaluate student work off-campus, during internship and community development activities, giving faculty the opportunity to interact with the community and the private sector.
7. **Diverse and committed student body:** Students are selected from 27 countries based on their commitment to becoming leaders of change. This results in a very motivated group of students and a rich learning environment where diverse perspectives are heard and respected, helping to foster open-minded attitudes.

## LIFE AT EARTH

Most faculty at EARTH live on EARTH's verdant, well-maintained campus enjoying a tight-knit, multi-cultural community.

### **Housing**

Comfortable on-campus housing options are available for faculty ranging from duplex studio apartments to three-bedroom homes. Faculty housing is walking distance from EARTH's academic offices and classrooms.



“What’s interesting about living at EARTH is that each family maintains the customs of their home country – foods, schedules, celebrations – within their homes at EARTH. And that the kids here can grow up with this diverse culture makes them more adaptable, tolerant and open.”

Alejandra Arroyo, Argentina  
Professor of Statistics PhD,  
Agricultural Sciences Universidad  
Nacional de Córdoba, Argentina

### **Medical care**

On-campus medical care and pharmaceutical delivery service are available. High-quality, specialized medical and dental care is also available in Costa Rica's capital city of San José, two hours away.

### **Recreational facilities**

Facilities include a gym, weight room, pool, basketball courts, soccer and baseball fields, tennis courts and paths for walking or running. There is also a gathering place on campus called “El Establo,” which has a swimming pool and BBQ area where faculty and their families gather on weekends.

**Cultural events and activities**

The Office of Student Affairs hosts a variety of plays, concerts and recitals; artistic and cultural classes, such as handicrafts, cooking, music and dance classes; and sports clubs and tournaments.

**Exploring Costa Rica**

EARTH is just two hours away from some of the country's most spectacular beaches and volcanoes. Costa Rica's capital city of San Jose offers modern shopping facilities, entertainment, international restaurants and art and cultural events and activities.

**San Diego – EARTH Bilingual School**

The San Diego-EARTH Bilingual School is a private elementary school located in EARTH's faculty residential neighborhood, offering high-quality, bilingual education to students preschool through sixth grade.

**Raising children at EARTH**

The EARTH campus offers a peaceful, safe, healthy and stimulating environment for raising children. Children who grow up at EARTH gain a unique cultural understanding and form tight bonds with their peers who come from many different countries.

**Work for spouses**

Due to many factors, including immigration restrictions and the socio-economic conditions of the region surrounding EARTH, faculty spouses, who are often leaving successful careers, may encounter difficulty finding work. Spouses of faculty who wish to work at EARTH may apply for contract-based employment opportunities if their skills and experience meet an institutional need.

## **CURRENT OPENINGS**

Teaching at EARTH is not just a job; it is an opportunity to prepare leaders who will change the world, to be part of a renowned academic model and to find solutions to the social and environmental challenges facing our societies and the planet.

EARTH University invites applications and nominations for the following positions. Review of applications will begin immediately and will 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

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