



## **Opportunity for postdoctoral researchers in the Department of Hydraulics and Sanitation (EESC/USP)**

The enrolment will be open between December 15, 2017 and January 31, 2018 for the selection of two postdoctoral researcher, who will work in the research project “*Low cost technologies for safe drinking water in developing regions (SAFEWATER)*” funded by *Global Challenges Research Fund (GCRF) of Research Councils UK Collective Fund* (Grant Ref: EP/P032427/1).

By Brazil, the project is under the responsibility of Prof. Lyda Patricia Sabogal Paz of the Department of Hydraulics and Sanitation (EESC/USP).

The scholarship will be R\$ 4100 (BRL) per month (the value will be adjusted according to CAPES table, available in <http://www.capes.gov.br/bolsas/valores-de-bolsas>). Scholarship will be annual and may be renewed. The probationary period will last three (3) months.

### **Basic project information:**

“Low cost technologies for safe drinking water in developing regions (SAFEWATER)” is an interdisciplinary research project led by Ulster University, in collaboration with the University of Medellin and CTA in Colombia, the University of Sao Paulo, and *Fundación Cantaro Azul* in Mexico. It is a four-year project which aims to grow research capacity and capability in the UK and overseas, with a focus on delivery of safe drinking to disadvantaged communities in developing regions. This project is funded by the Global Challenges Research Fund (GCRF) Research Councils UK Collective Fund.

More information in: <https://www.ulster.ac.uk/news/2017/july/6-million-research-project-will-pioneer-safe-water-solutions-for-the-developing-world>

### **Characteristics for postdoctoral researchers:**

#### **Vacancy 1**

- ✓ Candidate with a degree in Civil Engineering or Environmental Engineering or related.
- ✓ PhD involving treatment of drinking water or wastewater.
- ✓ Experience in slow sand filtration and/or disinfection.
- ✓ Experience in statistics.
- ✓ Fluent English and ability to write reports and articles in English.
- ✓ Availability to live in São Carlos/SP (Brazil).
- ✓ Availability to travel in order to meet the needs of the project (meetings and Workshops to be held in Colombia, Mexico and Northern Ireland).
- ✓ Candidate with a valid passport.

- ✓ Be about to defend the doctorate or has defended the thesis with less than six (6) years, according to USP rules (Resolution CoPq 7406 of 10/3/2017).
- ✓ Ability to work in groups.

## **Vacancy 2**

- ✓ Candidate with a degree in biological sciences.
- ✓ PhD in sanitation or microbiology or parasitology or related.
- ✓ Experience in the detection of pathogenic protozoa (e.g. *Giardia* spp. and *Cryptosporidium* spp.).
- ✓ Experience in statistics.
- ✓ Fluent English and ability to write reports and articles in English.
- ✓ Availability to live in São Carlos/SP.
- ✓ Availability to travel in order to meet the needs of the project (meetings and Workshops to be held in Colombia, Mexico and Northern Ireland).
- ✓ Candidate with a valid passport.
- ✓ Be about to defend the doctorate or has defended the thesis with less than six (6) years, according to USP rules (Resolution CoPq 7406 of 10/3/2017).
- ✓ Ability to work in groups.

## **Stages of the selection process:**

- ✓ Those interested must send the *currículo lattes* updated, by e-mail, to Prof. Lyda Patricia Sabogal Paz (lysaboga@sc.usp.br).
- ✓ Selected candidates will be interviewed in February 2018 (date to be combined)
- ✓ Selected candidates will be notified until April 30, 2018.
- ✓ Beginning of postdoctoral: as from May, 2018.

## **Project financed by:**

GCRF - Low cost technologies for safe drinking water in developing regions (SAFEWATER) -  
Grant Ref: EP / P032427 / 1

## **More information:**

Prof. Lyda Patricia Sabogal Paz  
Department of Hydraulics and Sanitation (EESC/USP)  
Tel .: (16) 3373-9548  
E-mail: lysaboga@sc.usp.br