

# Electrophysiology Bootcamp for Women

Departamento de Biología, Facultad de Ciencias  
Universidad de Chile

12-16 november 2018

## Overview

The Electrophysiology Boot Camp for women seeks to empower and motivate women to pursue an academic career in the area of neurophysiology.

Women have been historically underrepresented in the STEM (Science, Technology, Engineering and Mathematics) fields worldwide. In Latin American countries, due to socio cultural reasons, the gender gap between male and female scientists gets even bigger. This gender gap exists not only in the general areas of STEMs, but can also be found in their sub-disciplines.

Specifically for neuroscience, a big percentage of women who decide to follow an academic career path in the field tend to choose research lines centered in topics such as molecular biology, immunology and cognitive sciences, leaving electrophysiology as a discipline largely dominated by male scientists.

The Electrophysiology Boot Camp for women is a theoretical-practical course where graduate students and postdocs will get closer to the concepts of electrophysiology and biophysics, and will have the opportunity to interact with women in science whose research lines incorporate electrophysiology.

## Student selection

The Boot Camp will consist in theoretical lectures and practical experiences.

### **Application to the theoretical-practical Bootcamp**

- Application to the boot camp will be accepted until October 26<sup>th</sup> 2018.
- Applicants needs to submit a CV, a reference letter from a Faculty and a motivational letter to [electrophysbootcamp@gmail.com](mailto:electrophysbootcamp@gmail.com)
- Student selection will be made by a committee of three Professors participating in the course.
- Due to the nature of the hands-on course a limit of 10 female junior scientists, postdocs and graduate students will be accepted. 3-4 spots will be reserved to female scientists from other countries of the Latin-American region.
- Only one applicant of the same laboratory or research group can be selected
- The attendant must be proficient in English and bring a personal computer
- Four travel awards are available for Chilean (x2) and international students (x2).

### **Registration to attend Bootcamp's theoretical lectures**

- The theoretical lectures are open to anyone interested in attending the course, but registration is required.
- Applicants needs to send an e-mail to [electrophysbootcamp@gmail.com](mailto:electrophysbootcamp@gmail.com) with their name and affiliation.
- Registration to the Bootcamp's theoretical lectures will close October 26<sup>th</sup> 2018.

