Mexico City, México
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Sofía Fernández Lozano

SKILLS

Experienced in analysis of functional MRI, specializing in graph theory analysis (FSL, AFNI, R); Proficient in R ('Data Analyst' and 'Programmer' certifications, Datacamp.com) and bash scripting; Open-source software and Open Science enthusiast (Linux, git, BIDS standard).

Languages: English (fluent), Spanish (native)

EDUCATION

Universidad Nacional Autónoma de México, UNAM
— *MSc in Neurobiology*

AUGUST 2017 – PRESENT, Mexico city, Mexico
Research on the effectivity of rTMS as an addiction treatment analyzing the functional connectivity with Graph Theory Analysis.

Universidad de Salamanca, USAL
— *Semester abroad program*

FEBRUARY 2014 – JULY 2014, Salamanca, Spain

Universidad Autónoma de Baja California, UABC
— *BS with Highest Honors in Psychology*

AUGUST 2011 – December 2015, Baja California, Mexico
Scholar Merit (equivalent to Summa Cum Laude)

EXPERIENCE

YAAJ, AC — *Research coordinator*

MARCH 2017 – DECEMBER 2018

- Coordinated a project to design and write a Guide for Mental Health professionals treating LGBT and vulnerable patients, with support from the UN.
- Helped with science divulgation related to sexual health, sexual orientation and gender identity.

CAIPT, AC — *Collaborator*

JANUARY 2017 – JULY 2017

- Collaborated with the design and implementation of an empowering workshop for transgender women.
- Worked in the design of a study protocol to research the demographics of the transgender community in the north border of Mexico.

Interpsique — *Psychometrist*

JANUARY 2016 - MARCH 2017

- Administered, scored and evaluated psychological tests and questionnaires under the supervision of a licensed psychologist.

COLEGIO DE LA FRONTERA NORTE — *Research assistant*

FEBRUARY 2015 - SEPTEMBER 2015

- Collaborated in the administration, data capturing, and analysis for a project related to the socialization of gender roles and early sexuality in children and adolescents of Tijuana, B.C.

HSMT (Mental Health Hospital of Tijuana) — *Internship*

DECEMBER 2014 - MARCH 2015

- 240 supervised clinical hours in the Inpatient psychiatric care unit.
- Administration and scoring of psychological testing, occupational therapy, group therapy.

COURSES AND WORKSHOPS

"Bayesian Modeling of Brain Imaging Data" — SEPTEMBER 2017; Michele Guindani, Phd; Asociación Mexicana de Estadística, Mexico city.

"Basic Course of Applied Neuroscience" — AUGUST 2016; Javier Galarza, MSc; Universidad Autónoma de Baja California, Baja California.

"International Course of Neuropsychological Evaluation" — OCTOBER 2015; Juan Carlos Arango, Phd; Sinapsis, Baja California.

CONFERENCES AND POSTERS

"Brain connectome: studying the most complex network system" — NOVEMBER 2018; (Conference) National High school No 9 "Pedro de Alba", Mexico city

"Graph theory analysis on functional connectivity networks after a double-blind rTMS treatment on cocaine-addicted patients" — October 2018; (Poster) Annual meeting of researchers, Instituto Nacional de Psiquiatría, Mexico city

"Effects of rTMS on the small-worldness of crack-cocaine addicts' functional connectivity networks" — October 2018; (Poster) XX Reunion of Neuroimage, CIMAT, Guanajuato

"Conversion therapy; Psychology and Human Rights' perspective" — OCTOBER 2018; (Conference) 2nd encounter about sexualities and gender, UNAM, Mexico city

"The right to an identity of transgender boys, girls and adolescents"— JUNE 2018; (Conversatorium) Supreme Justice Tribunal of Mexico City, Mexico city

"Talking Intersex" — JUNE 2018; (TV interview) Ciudad Abierta channel, Mexico City

HONORS AND AWARDS

Bachelors' representative in Ceremony of Honor Students — 2016;

Excellence Award EGEL-CENEVAL — 2016;

Government Scholarship for results of ENLACE evaluation — 2011;