

# Sofía Fernández Lozano

PSYCHOLOGY MAJOR · MASTER IN NEUROBIOLOGY

☎ (+52) 55-7671-2036 | ✉ soffiafdz@gmail.com | 💻 soffiafdz | 🌐 so1.618e | 🐦 soffiafdz

## Education

### UNAM (National Autonomous University of Mexico)

Mexico city, Mexico

M.S. IN NEUROBIOLOGY

Aug. 2017 - PRESENT

- Thesis: Brain Connectivity in Cocaine-addicted Patients after Repetitive Transcranial Magnetic Stimulation Treatment.
- GPA: 95/100

### UABC (Autonomous University of Baja California)

Tijuana, BC, Mexico

B.A. WITH HIGHEST HONORS IN PSYCHOLOGY

Aug. 2010 - Dec. 2015

- Scholar Merit (equivalent to Summa Cum Laude)
- GPA: 94/100

## Experience

### RESEARCH

#### LANIREM (National Lab of Magnetic Resonance Imaging)

Querétaro, México

MASTER STUDENT RESEARCHER

Jul. 2019 - PRESENT

- Continuing my research project in a laboratory now localized in the INB (Neurobiology Institute) of UNAM.

#### Laboratory of Neuroimaging, National Institute on Alcohol Abuse and Alcoholism (NIAAA), NIH

Bethesda, MD., United States

RESEARCH VISITOR

Mar. - May. 2019

- Learned how to implement the technique of FCDM (Functional Connectivity Density Mapping) developed by Dr. Tomasi.

#### INPFRM (National Institute of Psychiatry, Ramón de la Fuente Muñiz)

Ciudad de México, México

MASTER STUDENT RESEARCHER

Aug. 2017 - June. 2019

- Collaborated in the *ongoing clinical trial* measuring the clinical, cognitive and neuroimaging effects of rTMS in cocaine addiction.
- Helped with the rTMS application, cognitive testing, database cleaning, statistical and neuroimaging analysis.

### SOCIAL

#### Yaaj México, A.C.

Ciudad de México, México

RESEARCH COORDINATOR

Mar. 2017 - Jul. 2019

- Coordinated a project in collaboration with UNODC (United Nations Office on Drugs and Crime) to write a guide for professionals of Mental Health against "SOGICE" (Sexual Orientation and Gender Identity Change Efforts) "*Nada que curar*".
- Collaborated with science divulgation related to sexual health, gender identity and sexual orientation in youth populations.

#### COPRED (Council to prevent and eliminate discrimination in Mexico city)

Ciudad de México, México

CONSULTANT

Apr. 2017 - Jul. 2019

- Worked in the design of the guidelines, interview of candidates and selection of the new President of COPRED.
- Gave expert advice related to new policies and guidelines related to discrimination matters in the city.

#### CAIPT (Integral Attention Center for Transgender People)

Tijuana, BC, México

PSYCHOLOGY EXPERT

Jan. 2017 - Jul. 2017

- Designed and implemented empowering workshops for transgender women.
- Helped with the design of a study protocol to research the demographics of the trans\* community in the northern border of México.

### CLINICAL

#### Interpsique

Tijuana, BC, México

PSYCHOMETRIST

Jan. 2016 - Mar. 2017

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

## HSMT (Mental Health Hospital of Tijuana)

PSYCHOLOGY INTERN

- 240 supervised clinical hours in the Inpatient Psychiatric Care Unit.
- Administered and scored psychological tests, and helped with occupational and group therapy.

*Tijuana, BC, México*

*Dec. 2014 - Mar. 2015*

## Courses and workshops

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### Neurohackademy 2019

UNIVERSITY OF WASHINGTON

*Seattle, WA, United States*

*Jul. - Aug. 2019*

### Bayesian Modeling of Brain Imaging Data

MICHELE GUINDANI, PHD; MEXICAN ASSOCIATION OF STATISTICS

*Ciudad de México, México*

*Sep. 2017*

### Basic Course of Applied Neuroscience

AUTONOMOUS UNIVERSITY OF BAJA CALIFORNIA

*Mexicali, BC, México*

*Aug. 2016*

### International Course of Neuropsychological Evaluation

JUAN-CARLOS ARANGO, PHD; SINAPSIS

*Mexicali, BC, México*

*Oct. 2015*

### Semester Abroad

UNIVERSIDAD DE SALAMANCA

*Salamanca, Spain*

*Feb. - Jul. 2014*

## Skills

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**Languages** • Spanish (Native) • English (Fluent)

**Operating Systems** • Mac OS • GNU/LINUX (debian-based, arch-based & Void)

**Programming Languages** • R • Shell (POSIX shell, bash & zsh) • Python • Javascript

**Markup Languages** •  $\text{\LaTeX}$  • Markdown • JSON • HTML

**General tools** • Git • Docker • Vim • SGE

**Neuroimaging Tools** • FSL • AFNI • ANTs • BIDS • MRIQC • FM RIPREP • Mango

## Honors & Awards

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2016 **Undergrad representative**, Ceremony for Honor Students

*Tijuana, BC, México*

2016 **Honoree**, EGEL-CENEVAL (Mexican Graduate Examinations) Excellence Award

*Guadalajara, Jal., México*

2011 **Recipient**, Government awarded scholarship for outstanding ENLACE (National Evaluation of Academic Achievement in School Centers) scores

*Tijuana, BC, México*