



Dania Gutiérrez, PhD

Researcher in bioengineering
LGBT+ activist

- June 20, 1973
- Mexican
- +52 811 58 242 58
- <https://www.gutierrezruiz.com>
- dgtz@ieee.org

About myself

I am interested in bioengineering research, with a special focus in applications to neuroscience. Also, as a transgender woman, I am a committed activist for the causes of the LGBT+ community.

Qualities

- Strong academic background
- Leadership and efficiency
- Experience in administration
- Bilingual
- About 3 million MXN obtained from the Council of Science and Technology to fund different projects

Other stuff

- Greatly enjoy rock concerts and electronic music
- Love to travel
- Fan of F1 car racing
- Tattoo collector

Work experience

- 2006 – today **Associate Professor** Cinvestav, Monterrey's Unit
PI at the Biomedical Signal Processing Laboratory. In charge of the courses of *Medical Instrumentation* and *Biomedical Signal Analysis* in the MSc program in Bioengineering and Biophysics. Advisor of MSc and PhD students (22 graduated students so far: 14 MSc and 8 PhD).
- 2015 – 2020 **Academic Secretary** Cinvestav, Monterrey's Unit
In charge of the MSc and PhD program's administration and their evaluation by the Council of Science and Technology. Coordinated the operation of the programs with the aid of the department of academic services.
- 2005 – 2006 **Postdoctoral Fellow** IIMAS – UNAM
Postdoc at the Department of Computer Sciences and Automation at the Institute of Research in Applied Mathematics and Systems. Funded by the Postdoctoral Fellowship of the National Autonomous University of Mexico.

Education

- 2000 – 2005 **PhD in Bioengineering** University of Illinois at Chicago
- 1998 – 2000 **MSc in Electrical Engineering and Computer Sciences** University of Illinois at Chicago
- 1991 – 1997 **BSc in Electrical and Mechanical Engineering** UNAM

Papers

- 2004 – actual **Journal Papers**
22 indexed and 2 non-indexed papers.
First/corresponding author in 20 of them.
- 2002 – actual **Proceedings papers**
31 proceedings papers, all of them in international congresses.
Two of them awarded *Best Paper* of the Congress. First/corresponding author in 23 of the proceedings papers.

Awards and Recognition

- 2007 – today **National Researcher Fellowship** SNI – Conacyt
Fellow of the National Researchers System (SNI) of the Council of Science and Technology. Currently SNI Level 1.
- 2014 **Promoted to Senior Member** Institute of Electrical and Electronic Engineers
Member of IEEE since 2005.
- 1998 – 2001 **Fulbright Scholar**
Graduate studies in the US were sponsored by the Fulbright - García Robles scholarship program.

Activism

- 2009 – actual **Activist for the causes of the LGBT+ community.** My interests are the empowerment of the community, women in science, and human rights.
- 2016 **Member of the Organizing Committee of the *Diversciudad* Cultural Festival.** In charge of selecting and coordinating different cultural events. In part responsible of administrating one million MXN in funding provided by Conarte, N.L.