



Maria Chahrour · 3rd
 Assistant Professor at UT Southwestern Medical Center
 Dallas, Texas, United States · [Contact info](#)
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UT Southwestern Medical Center
Baylor College of Medicine

Experience



Assistant Professor of Neuroscience and Psychiatry at the McDermott Center for Human Genetics

UT Southwestern Medical Center
 Dec 2014 – Present · 6 yrs 11 mos
 Dallas/Fort Worth Area

My lab is interested in understanding the molecular mechanisms underlying autism spectrum disorders (ASDs) and how mutations in ASD genes can lead to neuronal dysfunction, with the goal to identify key pathways that can be eventually targeted for the development of therapies.



Instructor

Boston Children's Hospital and HMS
 Aug 2013 – Dec 2014 · 1 yr 5 mos
 Greater Boston Area

- Identifying genes and molecular pathways in autism spectrum disorders.



Fellow at Boston Children's Hospital and HMS

Harvard Medical School
 Aug 2009 – Dec 2014 · 5 yrs 5 mos

Division of Genetics, Christopher A. Walsh's Lab

- Identifying genes and molecular pathways in autism spectrum disorders.

Selected Publications: [...see more](#)



Baylor College of Medicine

6 yrs

Postdoctoral Associate

Apr 2009 – Jul 2009 · 4 mos

Molecular and Human Genetics, Huda Zoghbi's Lab

- Genetic and neuroscience research focusing on the role of MeCP2 in Rett syndrome, autism, and other neurological abnormalities.

[...see more](#)

Predoctoral Fellow

Oct 2004 – May 2009 · 4 yrs 8 mos

Molecular and Human Genetics, Huda Zoghbi's Lab

- Genetic and neuroscience research focusing on the role of MeCP2 in Rett syndrome, autism, and other neurological abnormalities.
- Key findings: discovered that MeCP2 (thought to be a transcriptional repressor) c

[...see more](#)

Show 1 more role



Intern, Research and Development Department

The Bode Technology Group
 Apr 2003 – Aug 2003 · 5 mos

- DNA analysis and generation of genetic profiles from challenging human specimens.
- Key findings: validated a novel robust and sensitive multiplex assay for challenging forensic samples.

Education



Baylor College of Medicine
 PhD, Molecular and Human Genetics
 2004 – 2009



University of North Texas



MSc, Forensic Genetics
2001 – 2003



American University of Beirut
BS, Biology
1998 – 2001