

## EDUCATION

- **Ph.D.**, University Aix-Marseille I, Marseille, France
- **Masters in Neurosciences**, Université de Lyon, Villeurbanne, France
- **B.S.** Biological Sciences, University Med I, Oujda, Morocco

## WHAT IS MY TEACHING STYLE LIKE?

I am professional and positive. I use creative approaches to teaching, including case-based problems, learner-based teaching, class group activity, team work research projects & oral presentations. In the classroom, no matter what students' background is, they are guaranteed to understand every concept in the lecture material & how it relates to their everyday life. I always start with a summary of high school material to connect students back with the basics and then start building on it. I keep students motivated with questions throughout class discussions to give them & me a measure of their understanding. I give quizzes in every class over previous material to keep students always prepared. I believe that education is only efficient when we build on the past knowledge; meaning students must review their notes continuously to make sure they have a clear understanding of our goals & our journey in this course. Students are encouraged to read literature and present any new discovery to the entire class in to give them a taste of science discoveries. I don't just teach, I teach until every single student understands every concept in every page in the notes & in the book. I give tips to students who are not able to get good grades by making them summarize every slide into 2 phrases to make sure they know what's important in each page. I spend a lot of time grading quizzes, homework assignments, class activities, short projects, long projects, and more, all to make sure students see the outcome of their effort step by step and keep getting better.

## SUMMARY OF QUALIFICATIONS

- Neurophysiologist. Ph.D. in Neurosciences from Univ. Marseille, France: Effects of high pressure on the brain
- Masters in Neurophysiology From Univ. Claude Bernard, Lyon (France): Discrimination of odors in the brain
- Extensive research on memory, stress, cocaine addiction, epilepsy, fear- & anxiety-induced changes in brain chemistry; visual & olfactory systems and discrimination of odors by the brain (France, USA)
- Experienced in curriculum and experiment design, student education and supervision, grant writing
- 22 years' teaching experience at the university and college level, in both advanced and basic courses (Anatomy/physiology, General & cell biology, neurophysiology, pharmacology, Environmental Sciences)
- Fluent in English, French, and Arabic. Learning Spanish.

## SELECTED ACHIEVEMENTS

- Thirteen articles in international professional journals, 2 more submitted, and 2 in preparation.
- Two book chapters published with the University Aix-Marseille I (effect of pressure on the brain), and the University of Texas Medical Branch (UTMB), Galveston (effect of fear and anxiety on the brain)
- Awarded two grants for research on effects of high pressure on memory in the hippocampus (Medical Research Foundation on memory, and SERVIER (pharmaceutical company) both in Paris, France)
- Based on my research (in France) on the compound "Duxil", which preserves brain function during hypoxia, I helped clarify Duxil effects on the brain during ischemia by testing it on brain activity during and after hypoxia in the brain
- Member of the international Honor society Phi Theta Kappa
- On the list of "Teacher of the year" at NHC
- Chair of admissions in the art Institute of Houston
- Chair for library committee: goal: make students like reading what relate to their courses from database
- administrator for online classes (technical support for setting shells and making teaching smooth for everyone)

## EMPLOYMENT EXPERIENCE

2006 – present	Teaching Anatomy & Physiology, Biology & Environmental Sci. at HCC, NHC, & Art Institute of Houston
2005 – 2006	University of Houston Texas Medical School at Houston Research Fellow II – behavioral studies to determine the function of the cerebellum
2002 – 2003	Attended Galveston College & Texas A&M University to retake all science classes for teaching purpose
1997 – 2002	University of Texas Medical Branch, Galveston Research Fellow I – Pharmacological studies on fear and cocaine effects on the brain
1991 – 1996	University of Texas Medical Branch, Galveston Visiting Scientist – Cell imaging to find out how the retina sharpens images in the brain
1988 – 1991	University Aix-Marseille I, Marseille, France and University Sidi Med Morocco 6 months of research in France (Mechanisms of pressure-induced tremor and memory loss) and 6 month teaching Biology at University in Morocco
1991 – 2000	University Sidi Med – Fez, Morocco Each year: Six months teaching in Morocco and six months doing research in U.S.

**SCHOLARSHIPS:** Awarded two scholarships for graduate school (from France).

**HONORS:** Alpha Beta Kappa Honors society, was on the list for: Teacher of the year at NHC