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TEACHING OBJECTIVES

Teach basic concepts of Microbiology, Environmental Microbiology & Environmental Biotechnology at the undergraduate and graduate level.

RESEARCH OBJECTIVES

Conduct research in Ecology of Soil Microorganisms, Technologies of Biological Remediation of Hydrocarbon and Heavy Metals for Soil/Water and Applied Phycology. Obtain funding through proposals from CONACYT among others.

WORK EXPERIENCE

1999 - present	Autonomous University of Nuevo Leon – Professor
1990 - 1999	Autonomous University of Nuevo Leon – Assistant Professor
1984 - 1990	Autonomous University of Nuevo Leon – Lecturer of General Microbiology and Soil Microbiology
1980 - 1984	Autonomous University of Nuevo Leon – Instructor

EDUCATION

PhD. Microbiology	1998	Autonomous University of Nuevo Leon – Mexico
MSc. Microbiology	1990	Autonomous University of Nuevo Leon – Mexico
BSc. Microbiology	1984	Autonomous University of Nuevo Leon – Mexico

SELECTED PUBLICATIONS

2015. The Monod and a biphasic biodegradation kinetics of diesel hydrocarbons by a biofilm of *Pseudomonas* and the potential electromotive force involved. *Journal of Chemical Technology and Biotechnology*. 90: 1253-1262.

2013. Removal of chromium and lead by a sulfate-reducing consortium using peat moss as carbon source. *Bioresource Technology*. 144: 128-134.

2013. Polymeric microparticles containing protein prepared using a controllable combination of diffusion and emulsification steps as part of the salting out procedure. *African Journal of Pharmacy and Pharmacology*. 7: 2849-2858.

2011. *In vitro* antifungal activity of “Gobernadora” (*Larrea tridentata* (D.C.) Coville) against *Phytophthora capsici* Leo. *African Journal of Agricultural Research*. 6: 1058-1066.

2009. Genome-wide expression profiling of the osmoadaptation response of *Debaryomyces hansenii*. *Yeast*. 26: 111-124.

