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# Luis Eduardo Contreras Llano

Graduate Research Assistant  
UC MEXUS-CONACYT Fellow  
Biochemistry, Molecular, Cellular and Developmental Biology Graduate Group

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## Education

2009-2013 Tlaxcala, MEX  
**Bachelor of Engineering in Biotechnology**  
Polytechnic University of Tlaxcala

Thesis title:  
“Amplification, cloning and in silico analysis of a xylanase, a cellulase, a lipase and an alcohol dehydrogenase: Search for enzymes of interest in the synthesis of biofuels.”

Awards  
Excellence scholarship for an outstanding academic performance.

2013-2015 Puebla, MEX  
**Master of Science in Biotechnology**  
University of the Americas, Puebla (UDLAP)

Thesis title:  
“Molecular and kinetic characterization of a 4,5-DOPA-extradriol-dioxygenase from bacterial origin and comparison with homologous enzymes.”

Awards  
Fellowship of the National Council of Science and Technology (CONACYT) for excellence national graduate programs.

Honors  
*Cum Laude*

2014-2015 Murcia, SPA  
**Research internship in the Department of Biochemistry and Molecular Biology**  
University of Murcia

Awards  
Fellowship of the National Council of Science and Technology (CONACYT) for Mobility Abroad.

2016- California, USA  
**Doctor of Philosophy in Biochemistry, Molecular, Cellular and Developmental Biology**  
University of California, Davis

Awards  
UC MEXUS-CONACYT Fellowship for Ph.D. studies at the University of California, Davis.

## Poster presentations

11-14/07/2011 New Orleans, LA, USA  
“Anthocyanin composition and determination of antioxidant activity of pomegranate (*Punica granatum*) extracts,” presented at the annual meeting of the Institute of Food Technologists (IFT).

16-18/05/2012 Leon, Guanajuato, MEX  
“Evaluation of the phenolic and anthocyanic content of pomegranate (*Punica granatum*) collected from the states of Hidalgo, Tlaxcala, and Mexico,” presented at the IX Meeting “Participation of the Women in Science.”

18-21/07/2013 Novara, ITA  
“Effect of the use of enzymatic preparations on the extraction of phenolic compounds from blue maize (*Zea mays* L.), from the region of Tlaxcala, Mexico”, presented at the 7<sup>th</sup> International Congress on Pigments in Food.

23-28/07/2013 Cancun, Quintana Roo, MEX  
“Amplification, cloning and in silico analysis of a putative xylanase from *E. coli*”, presented at the XV National Congress of Biotechnology and Bioengineering and the XII International Symposia of Genetics of Industrial Microorganisms (GIM).

## Languages

Spanish

English

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