

Andrea Díaz Gaxiola

Nanotechnology and Molecular Engineering Student

As an evaluative and vision inspiring leader among student community, I have been involved in several activities that have forged my vision of a community focused science. I have undertaken internships and projects which have developed not only a more profound academic background, but also boosted adaptability and teamwork abilities.

Education

- 2011 - Present** **Universidad de las Americas Puebla**
Nanotechnology and Molecular Engineering Baccalaureate
- Sept 2012** **University of Pennsylvania**
Coursera Online "Vaccines"
Coursera Online "Introduction to Pharmacology"
- Summer 2010** **University of California Los Angeles**
California Nanosystems Institute
Sci|Art Nanolab Summer Institute. Project: approved
- 2008-2011** **Monterrey Technological Institute of Higher Studies. CCM**
International Baccalaureate Program

Academic & Labour Expertise

- June 2012** **Workshop - International and Interdisciplinary Meeting on Nanoscience and Nanotechnology NANOMEX 2012**
Size and Morphology controlled synthesis of nanostructures by Dr. Umapada Pal
- May - July 2013** **Internship – Dr. Luis Felipe Córdova**
Test and analysis of Grätzel Solar Cells construction techniques
- June – July 2013** **Chemistry instructor – ELITE (Emerging Leaders in Technology and Engineering) Program. INAOE**
Selected Chemistry Topics and Hands on Workshops
- March 2014** **Poster exhibition -3rd Symposium of Nanoscience and Nanotechnology**
Titanium Dioxide Nanotubes, and their application on Grätzel Solar Cells.
- 2014** **Project Manager – iGEM 2014 Virtus-Parva Team**
The future of combat against diseases: the BioNEMS Drill

Congresses attended

- April 2012** - 3rd National Science Meeting UDLAP
June 2012 - NANOMEX: 5th International Meeting on Nanoscience and Nanotechnology
April 2013 - 4rd National Science Meeting UDLAP
- 9th Meeting of the Mexican Academy of Organic Chemistry
March 2014-3rd Symposium of Nanoscience and Nanotechnology. CNYN
June 2014 - EmTech Mexico 2014 – MIT Technology Review



Contact

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Languages

Spanish – Native

English – C1

French – A2

Qualifications

Personality	Negotiation	<input checked="" type="checkbox"/>
	Rational	<input checked="" type="checkbox"/>
	Evaluative	<input checked="" type="checkbox"/>
	Leadership	<input checked="" type="checkbox"/>
	Inspiring Vision	<input checked="" type="checkbox"/>
	Teamwork	<input checked="" type="checkbox"/>
	Adaptability	<input checked="" type="checkbox"/>
Software	Microsoft Office	<input checked="" type="checkbox"/>
	Cadence Suite	<input checked="" type="checkbox"/>
	ChemDraw	<input checked="" type="checkbox"/>
	L-Edit	<input checked="" type="checkbox"/>
	Origin Pro 8	<input checked="" type="checkbox"/>
	Matlab	<input checked="" type="checkbox"/>
Instrumentation	UV – Vis Spectrophotometer	<input checked="" type="checkbox"/>
	Carey 100	<input checked="" type="checkbox"/>
	Shimadzu 1800	<input checked="" type="checkbox"/>
	NMR	<input checked="" type="checkbox"/>
	Varian Gemini 2000	<input checked="" type="checkbox"/>
	SEM	<input checked="" type="checkbox"/>
	Tescan Vega	<input checked="" type="checkbox"/>
DLS	<input checked="" type="checkbox"/>	
Microtrac Nanowave	<input checked="" type="checkbox"/>	