

# Sabás Sánchez Tellechea

Nanotechnology and Molecular Engineering Student

*My involvement within projects isn't limited to the laboratory work, it extends to the genesis of ideas, bibliographic research, knowledge transfer and project diffusion. My interests inside science and nanotechnology embraces the creation of new materials trying to solve the new needs of society, the efficient use of renewable energies and the pursuit of treatments for genetic syndromes aiming to develop a better world for next generations.*

## Education

- 2010 - Present**      **Universidad de las Americas Puebla**  
Nanotechnology and Molecular Engineering Baccalaureate
- 2007-2010**      **Instituto Vanguardia de Hermosillo**  
High School Program, Physics and Mathematics  
Specialization Area

## Academic and Labour Expertises

- 2012-2013**      **UDLAP, Tesis project assistant – Alan Vargas**  
“Characterization and synthesis of iron oxide magnetic nanocapsules and evaluation of their capacity as drug delivery agent”
- Oct-Nov. 2012**      **UDLAP, Molecular materials team proyect**  
“Synthesis and characterization of Calcium phosphate containing Silver quantum dots”
- 2014**      **UDLAP Social Service – Dr. José Luis Vazquez G.**  
Science programs dissemination
- 2014**      **Laboratory Supervisor and Researcher – iGEM 2014 Virtus-Parva Team**  
The future of combat against diseases: the BioNEMS Drill

## Congresses attended

- February 2011 - NanoBioMedic Meeting and Expo**
- April 2011 - 2nd National Science Meeting UDLAP**
- April 2012 - 3d National Science Meeting UDLAP**
- April 2013 - 4th National Science Meeting UDLAP**

## Contact



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(+521) 6621239667

## Languages

**Spanish – Native**  
**English – C1**  
**French – A1**  
**Portuguese – A1**

## Qualifications

Personality	Negotiation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Rational	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Evaluative	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Leadership	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Inspiring Vision	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Teamwork	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Adaptability	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Software	Microsoft Office	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Cadence Suite	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	ChemDraw	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	L-Edit	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Gaussian 09	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Matlab	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	J-mol	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Instrumentation	UV – Vis Spectrophotometer	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Carey 100	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Shimadzu 1800	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	NMR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Varian Gemini 2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SEM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Tescan Vega	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	