

Biographical Sketch
Diego Vélez Pérez

Current Educational Status

Fourth Year Undergraduate
Dept. of Chemistry, UPR-RP

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Education

2011-present UPR-Río Piedras
2018 BS Chemistry (expected)

Research Interest:

My research interest includes, but are not limited to, the development of highly paramagnetic nanoparticles to be used as theragnostic agents. I plan to modify the surface and therefore the physicochemical properties of the nanocomposite to make them more useful in their biomedical application.

Research Experience:

- 2012-2013 Development of the inorganic chemistry lab for the inorganic chemistry course which is now part of the academic curriculum for chemistry major students.
- 2014-present Surface modification and characterization of iron oxide nanoparticles for use as theragnostic agents.

Honors:

2011 National society of honor nominee
2012 Dean's list

Local Presentations:

2015 Semana de la investigación UPR-Río Piedras