

DARA LIZ RODRIGUEZ AYALA

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Current Status:

B.S. Student
Dept. of Chemistry, UPR-RP

Email: dara.rodriguez1@upr.edu

Education:

2015-present	UPR-Rio Piedras
2020	BS Chemistry (expected)

Research Interests:

My interest is towards the synthesis of better contrast agents that also serve a therapeutic agent for MRI. MRI is a powerful technique that has been used to help in the diagnosis of many disorders and diseases but in order to work it needs a contrast agent. Gadolinium, which is a very paramagnetic transition metal, can be complexed to ligands that can be introduced into the body and enhance the image in MRI. My interests are to be able to synthesize a complex of gadolinium which will serve as a better contrast agent than the ones that are currently used.

Research Experience:

2018-present	UPR-RP, Dmt-pyrazole and Dmt(acac) ₂ Complexes as MRI Contrast Agents and Reactions with Rare Earth Metals (mentor: Dalice Piñero)
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Honors:

2016-present	Dean's List
2018-present	Minority Access to Research Careers (MARC) Research Assistantship