

## Biographical Sketch

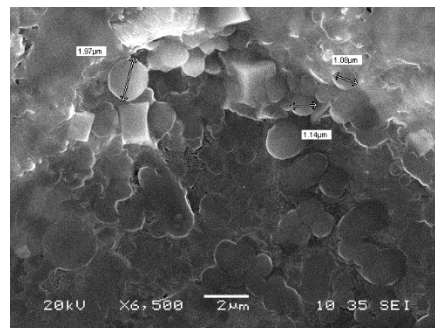
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### Jael Rodriguez

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B.S. Student

Department of Chemistry, UPR-RP



### Research Interests:

My current focus is in organic synthesis and supramolecular chemistry. Mainly studying the kinetic and thermodynamic parameters that enable a temporal control over the self-assembly of deoxyguanosine derivatives. These derivatives self-assemble to form supramolecular structures known as Supramolecular G-Quadruplex (SGQ) which further assemble into microparticles known as Supramolecular Hacky Sacks (SHS). We hope to use these derivatives to develop therapeutic agents.

### Research Experience

2018- present

UPR-RP, Supramolecular and Bioorganic Chemistry

(PI: Dr. Jose Rivera)

### Honors

2019-present Minority Access to Research Careers (MARC) Research Assistantship