

EDWIN OVALLE

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Education:

Temple University, Philadelphia, PA
Bachelor of Science in Biochemistry
Expected Graduation Spring 2020

- GPA: 3.46/4.00
- Relative Coursework:
 - General Chemistry I & II
 - Biology I & II
 - Calculus I, II, & III
 - Organic Chemistry I & II
 - Analytical Chemistry

Research:

Undergraduate Research at Temple University in the Chemistry Department - Under Dr. Eric Borguet (*January 2018- Present*)

- Study of 2D layered material (MoS_2) with supported noble metal nanoparticles (Au) for photocatalytic properties.
- Study of covalent organic frameworks (COF) for photocatalytic properties

Posters:

Annual Biomedical Research Conference for Minority Students (*Indianapolis, IN*) *Synthesis of Supported Gold Nanoparticles on 2D-Layered Material Supported for Photocatalytic Degradation of Methyl Orange.* Edwin Ovalle, Melissandre Richard, Datta Devulapalli, Farbod Alimohammadi, Elizabeth Cerkez, Tim Marshall, Daniel Strongin, Eric Borguet.

American Chemical Society: Young Chemist Committee 2018 (*Philadelphia, PA*) *Synthesis of Molybdenum Disulfide and Gold Nanoparticle Hybrids for Photocatalytic Degradation of Organic Dyes.* Edwin Ovalle, Melissandre Richard, Farbod Alimohammadi, Elizabeth Cerkez, Tim Marshall, Daniel Strongin, Eric Borguet.

Leadership:

American Medical Society Association (AMSA) -Treasurer (*May 2018- Present*)

- Responsible for overseeing the acquisition and use of funds for club purposes

Additional Skills:

Proficient in Microsoft Office (Word, Excel, PowerPoint)
Basic Chemistry Laboratory Skills
Scientific Software: Igor, LabVIEW, Andor Solis
Ultraviolet-Visible Spectroscopy
Bilingual in English and Spanish

Awards:

NIH Maximizing Access to Research Careers (MARC)- *May 2018*