



**CRISTIAN JOSE
AVILES-MARTIN**



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ORGANIZATIONS

Pontifical Catholic University of
Puerto Rico ACS Chapter

Director of Green Chemistry Division

HOBBIES

RESEARCH EXPERIENCE

COLLEGE OF LIBERAL ARTS AND SCIENCES-CHEMISTRY [DR. EUGENE PINKHASSIK](#)

His research focuses on preparing capsules at the nano-scale (around 20-200 nm). The capsules possess a complex polymeric structure, meaning they are composed of single monomer units and cross-linker units. These capsules may be applied to various areas of research such as drug-delivery, reaction catalysis, chemo-sensing, and imaging techniques.

EDUCATION

PH.D. IN CHEMISTRY

University of Connecticut
Anticipated Graduation:

B.S CHEMISTRY

Pontifical Catholic University of Puerto Rico

PRESENTATIONS/PUBLICATIONS

- Characterization of CdSSe and CdSTe Quantum Dots Prepared via Microwave Assisted Synthesis

CONFERENCES

- March 2016- 254th ACS National Meeting and Exposition, San Diego, CA
- May 2017-Photodegradation of Organic Dyes Using CdSTe Quantum Dots, TechConnect World Innovation Conference, National Harbor, MD