

FLORIDA STATE UNIVERSITY
COLLEGE OF ARTS AND SCIENCES

UNDERSTANDING THE EVOLUTION OF CARRIERS IN TIN CADMIUM
OXIDE TERNARY PLASMONIC NANOCRYSTALS

By

RAUL EDUARDO ORTEGA

A Dissertation submitted to the
Department of Chemistry & Biochemistry
in partial fulfillment of the
requirements for the degree of
Doctor of Philosophy

2024

Raul E. Ortega defended this dissertation on July 1, 2024.

The members of the supervisory committee were:

Geoffrey F. Strouse

Professor Directing Dissertation

William Oates

University Representative

Kenneth Hanson

Committee Member

Robert W. Schurko

Committee Member

The Graduate School has verified and approved the above-named committee members, and certifies that the dissertation has been approved in accordance with university requirements.