

FLORIDA STATE UNIVERSITY
COLLEGE OF ARTS AND SCIENCES

SYNTHESIS AND CHARACTERIZATION OF NOVEL
MATERIALS FROM UNDERUTILIZED BIOMASS FEEDSTOCKS

By
MARK R. YAROLIMEK

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

2021

Mark Ryan Yarolimek defended this dissertation on July 1, 2021.

The members of the supervisory committee were:

Justin G. Kennemur

Professor Directing Dissertation

Steven Lenhart

University Representative

Joseph Schlenoff

Committee Member

Igor Alabugin

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.