FLORIDA STATE UNIVERSITY

COLLEGE OF EDUCATION, HEALTH, AND HUMAN SCIENCES

HOW AND WHEN DO GIRLS AND BOYS BECOME SEGREGATED INTO DIFFERENT STEM CAREER PATHS? TESTING THE RELATIONSHIPS AMONG GENDER, ACADEMIC ACHIEVEMENT, MOTIVATIONAL AND CULTURAL FACTORS, AND CAREER ASPIRATIONS

By

JINJUSHANG CHEN

A Dissertation submitted to the
Department of Educational Psychology and Learning Systems
in partial fulfillment of the
requirements for the degree of
Doctor of Philosophy

Jinjushang Chen defended t	this dissertation on November 15, 2023.
The members of the supervisory committee were:	
	Jeannine E. Turner
	Professor Directing Dissertation
	Trotessor Briceting Bissertation
	Lara Perez-Felkner
	University Representative
	Yanyun Yang
	Committee Member
	Sherry Southerland
	Committee Member
The Graduate School has ve	erified and approved the above-named committee members, and
	n has been approved in accordance with university requirements
	11