APPROVAL FORM FOR

DEGREE PROGRAMS

MISSISSIPPI STATE UNIVERSITY

NOTE: This form is a cover sheet that must accompany the degree program change proposal. The actual proposal should be prepared in accordance with format requirements provided in the *Guide and Format for Curriculum Proposals* published by the UCCC. Both cover sheet and proposal should be submitted to UCCC Mail Stop 9702 (281 Garner Hall), Phone: 325-9410.

College: Education **Department:** Counseling, Higher Ed, Ed Psych, & Foundations

Contact Person: Elaine Wei **Mail Stop:** 9727 **Email:** ewei@colled.msstate.edu
Nature of Change: Program Modification **Date Initiated:** 01/18/2022
Effective Date: Spring 2024 **Current Degree Program Name:** Bachelor of Science

Major: Educational Psychology **Concentration:** N/A

New Degree Program Name: No Change

Major: No Change **Concentration:** No Change

Summary of Proposed Changes:

Update coursework to: (a) incorporate recent changes in MSU-s general education mathematics (now “quantitative reasoning”) requirement; (b) reorganize some courses and requirements to reduce redundancy and avoid confusion; (c) update supporting interest area courses according to course changes in other programs; (c) apply other course changes that are approved by the program faculty)see Undergraduate Degree Modification Outline Form for details).

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College: College of Education Department: Counseling, Educational Psychology, and Foundations

Contact Person: Elaine Wei Mail Stop: 9727 E-mail: ewei@colled.msstate.edu
Nature of Change: Program Modification

Date Initiated: Jan 2023 Effective Date: Spring 2024

Current Degree Program Name: Bachelor of Science (B.S.) in Educational Psychology

Degree offered at: Campus 1 and Campus 5

Major: Educational Psychology Concentration: N.A.

New Degree Program Name: Bachelor of Science (B.S.) in Educational Psychology

Major: Educational Psychology Concentration: N.A.

Summary of Proposed Changes:
Update courework to: (a) incorporate recent changes in MSU's general education mathematics (now "quantitative reasoning") requirement; (b) reorganize some courses and requirements to reduce redundancy and avoid confusion; (c) update supporting interest area courses according to course changes in other programs; (c) apply other course changes that are approved by the program faculty (see Undergraduate Degree Modification Outline Form for details).

Approved: Date:

Department Head

Director of Academic Quality

JohnEric W. Smith, PhD Digitally signed by JohnEric W. Smith, PhD Date: 2023.09.05 16:54:58 -05'00'

Chair, College or School Curriculum Committee

Kimberly R. Hall Digitally signed by Kimberly R. Hall Date: 2023.09.05 17:15:09 -05'00'

Dean of College or School

Chair, University Committee on Courses and Curricula

Chair, Graduate Council (if applicable)

Chair, Deans Council

prepared in accordance with format requirements provided in the *Guide and Format for Curriculum Proposals* published by the UCCC. Both cover sheet and proposal should be submitted to UCCC Mail Stop 9702 (281 Garner Hall), Phone: 325-9410.

College: College of Education Department: Counseling, Educational Psychology, and Foundations

Contact Person: Elaine Wei Mail Stop: 9727 E-mail: ewei@colled.msstate.edu
Nature of Change: Program Modification

Date Initiated: Jan 2023 Effective Date: Fall 2023

Current Degree Program Name: Bachelor of Science (B.S.) in Educational Psychology

Degree offered at: Campus 1 and Campus 5

Major: Educational Psychology Concentration: N.A.

New Degree Program Name: Bachelor of Science (B.S.) in Educational Psychology

Major: Educational Psychology Concentration: N.A.

Summary of Proposed Changes:
Update courework to: (a) incorporate recent changes in MSU's general education mathematics (now "quantitative reasoning") requirement; (b) reorganize some courses and requirements to reduce redundancy and avoid confusion; (c) update supporting interest area courses according to course changes in other programs; (c) apply other course changes that are approved by the program faculty (see Undergraduate Degree Modification Outline Form for details).

Approved: Date:

Daniel Gadke, Ph.D.
Digitally signed by Daniel Gadke, Ph.D.
Date: 2023.03.01 16:03:51 -06'00'

Department Head

Dana Tomblin 2/28/23

Director of Academic Quality

Chair, College or School Curriculum Committee

Dean of College or School

Chair, University Committee on Courses and Curricula

Chair, Graduate Council (if applicable)

Chair, Deans Council

UNDERGRADUATE DEGREE MODIFICATION OUTLINE FORM

Use the chart below to make modifications to an existing undergraduate degree outline. If any General Education (Core) course is acceptable in the category, please indicate by saying "any Gen Ed course". There is no need to type in the whole list. All deleted courses and information should be shown in italics and all new courses and information in bold. Include the course prefix, number, and title in both columns. Expand this table as needed.

CURRENT Degree Description	PROPOSED Degree Description
Degree: Bachelor of Science Major: Educational Psychology *(Non-Teaching Option)* Concentration: N.A.	Degree: Bachelor of Science Major: Educational Psychology Concentration: N.A.
1. The B.S. degree in Educational Psychology is a non-teaching option. This program provides students with a general background of psychological topics and principles as they relate to education. Additionally, students complete an emphasis or a minor. Students who enroll in this program pursue a diversity of careers. Some of the vocational areas for which this program can prepare students are as follows: *child care* centers, seminary, the armed services (ROTC students), business settings, mental health agencies, and graduate work in counselor education, educational psychology, and school psychology. Students majoring in Educational Psychology *have to* earn a grade of "C" or better on all EPY major core courses (*43* hours of the curriculum). Students must have a GPA of 2.25 for acceptance into the program (except Freshmen) and a GPA of 2.25 to graduate from the program. 2. Minor (for non-majors). For the *18 hour* minor in EPY, students may choose to complete any 18 hours from the following: EPY 2513, EPY 3063, EPY 3143, EPY 3253, EPY 3503, EPY 3543, EPY 4033, EPY 4073, EPY 4313, EPY 4513, EPY 4553, EPY 4683.	1. The B.S. degree in Educational Psychology **(EPY)** is a non-teaching option. This program provides students with a general background of psychological topics and principles as they relate to education. Additionally, students complete an emphasis or a minor. Students who enroll in this program pursue a diversity of careers. Some of the vocational areas for which this program can prepare students are as follows: **childcare** centers, seminary, the armed services (ROTC students), business settings, mental health agencies, and graduate work in counselor education, educational psychology, and school psychology. Students majoring in Educational Psychology **must** earn a grade of "C" or better on all EPY major core courses (**46** hours of the curriculum). Students must have a GPA of 2.25 for acceptance into the program (except Freshmen **who do not have a GPA available at the time a major change is initiated**) and a GPA of 2.25 to graduate from the program. 2. Minor (for non-majors). For the **18-hour** minor in EPY, students may choose to complete any 18 hours from the following: EPY 2513, EPY 3063, EPY 3503, EPY 3543, EPY 4033, EPY 4073, EPY 4313, EPY 4513, EPY 4553, EPY 4683, **EPY 4710**.

CURRENT CURRICULUM OUTLINE	Required Hours	PROPOSED CURRICULUM OUTLINE	Required Hours
English Composition		English Composition **(6 hours)**	
EN 1103—English Composition I Or EN 1163—Accelerated English Composition I	3	EN 1103—English Composition I Or EN 1163—Accelerated English Composition I	3
EN 1113—English Composition II Or EN 1173—Accelerated Composition II	3	EN 1113—English Composition II Or EN 1173—Accelerated Composition II	3
Mathematics		**Quantitative Reasoning (3 hours)**	
MA 1313—College Algebra	*3*		
Math above College Algebra excluding: *MA 1413—Structure of the Real Number System* *MA 1423—Problem Solving with Real Numbers* *MA 1433—Informal Geometry and*	3	**MA 1323—Trigonometry** **Or MA 1423—Problem Solving with Real Numbers** **Or MA 1613—Business Calculus** **Or MA 1713—Calculus 1** **Or MA/ST 2113—Introduction to**	**3**

Measurement		**Statistics**	
Science		**Natural** Sciences **(9 hours)**	
BIO 1123—Animal Biology	*3*	**Any Gen Ed Natural Sciences course** [1]	**3**
Lab Science from General Education courses	*3*	**Any Gen Ed Natural Sciences Lab-Based Science electives** [1]	**6**
Math/Science Elective			
Choose one of the following: *Math above College Algebra excluding:* *MA 1413—Structure of the Real Number System* *MA 1423—Problem Solving with Real Numbers* *MA 1433—Informal Geometry and Measurement* *OR* *Science from General Education courses*	*3*		
Humanities		Humanities **(12 hours)**	
History course	3	Any Gen Ed History course [1]	3
Literature course	3	Any Gen Ed Literature course [1]	3
		Any Gen Ed Humanities courses [1]	**6**
Fine Arts		Fine Arts **(3 hours)**	
See General Education courses	3	Any Gen Ed Fine Arts course [1]	3
Social Sciences		Social/**Behavioral** Sciences **(6 hours)**	
SO 1003—Introduction to Sociology	3	SO 1003—Introduction to Sociology	3
General Education course excluding EPY prefixes	3	Any Gen Ed Social/Behavioral Sciences course excluding EPY prefixes [1]	3
Major Core		Major Core **(46 hours)**	
PSY 1013—General Psychology	3	PSY 1013—General Psychology	3
EPY 2513—Human Growth and Development	3	EPY 2513—Human Growth and Development	3
EPY 3063—Psychology of Individual Differences and Exceptional Ability	3	EPY 3063—Psychology of Individual Differences and Exceptional Ability	3
EPY 3503— Principles of Educational Psychology	3	EPY 3503— Principles of Educational Psychology	3
EPY 3543— Psychology of Adolescence	3	EPY 3543— Psychology of Adolescence	3
EPY 4033— Application of Learning Theories	3	EPY 4033— Application of Learning Theories	3
EPY 4073— Personal and Motivational Factors in Education	3	EPY 4073— Personal and Motivational Factors in Education	3
EPY 4214— Educational and Psychological Statistics	4	EPY 4214— Educational and Psychological Statistics	4
EPY 4313— Measurement and Evaluation	3	EPY 4313— Measurement and Evaluation	3
EPY 4553—Creativity/Innovation	3	EPY 4553—Creativity/Innovation	3
EPY 4513—Introduction to Research in Educational Psychology	3	EPY 4513—Introduction to Research in Educational Psychology	3
EPY 4683—Advanced Issues in Educational Psychology	3	EPY 4683—Advanced Issues in Educational Psychology	3
PSY 3623—Social Psychology	3	PSY 3623—Social Psychology	3
PSY or SO elective above 3000	3	PSY or SO elective [1] above 3000, **or**	3

[1] See MSU's General Education Requirements http://catalog.msstate.edu/undergraduate/academicpolicies/degreesdegreerequirementsandscheduling/generaleducationrequirements/ for all English, Natural Sciences, Humanities (incl. History and Literature), Fine Arts, Social/Behavioral Sciences electives in this curriculum

		EPY 4710	
		EPY 3513—Writing in the Behavioral Sciences	**3**
Human/Cultural Diversity *Elective*		Human/Cultural Diversity **(3 hours)**	
Choose one of the following: SO 2203—Introduction to Race and Ethnicity SO 3013—Society and the Individual SO 1103—Contemporary Social Problems SO 3323—Contemporary Woman SO 3333—Society and Religion AN 2203—Introduction to Race and Ethnicity AN 3113—Societies of the World	3	Choose one of the following: SO 2203—Introduction to Race and Ethnicity SO 3013—Society and the Individual SO 1103—Contemporary Social Problems SO 3323—Contemporary Woman SO 3333—Society and Religion AN 2203—Introduction to Race and Ethnicity AN 3113—Societies of the World **EPY 4710—Study Abroad Program**	
Oral Communication *Requirement*		Oral Communication **(3 hours)**	
CO 1003—Fundamentals of Public Speaking	3	CO 1003—Fundamentals of Public Speaking **Or CO 1013—Introduction to Communication**	
Writing Requirement			
EPY 3513—Writing in the Behavioral Sciences	*3*		
Humanities	*6*		
General Electives	*12*	General Electives	**15**
Supporting Interest Area In addition to the University and Major cores above, a choice of one *special interest area* of 18 hours and 12 hours of electives are required for the degree total to reach 124 hours. *Choose 18 hours from one of the listed areas for your supporting interest area. At least half of these must be 3000 level or above.* <u>Counseling/ Clinical Applications</u> COE 3313 Rehab Services COE 4013 Facilitative Skills COE 4023 Introduction to Counseling COE 4903 Dev Counseling & Mental Health *COE 4353 Adaptive Tech & Disabilities* COE 4743 OR PSY 3203 Gender COE 4713 OR PSY 4983 Aging EPY 4113 Behavioral & Cog Intervention EPY 4133 Data Based Decisions PSY 3213 Abnormal Psych PSY 3073 Psych of Interpersonal Relations PSY 3363 Behavior Modification PSY 4223 Drug Use & Abuse PSY 4333 Intro Clinical Psych PSY 4343 Clinical Child Psy	18	**Emphasis** Area In addition to the requirements above, a choice of one **emphasis area** of 18 hours **or a minor is** required for the degree total to reach 124 hours. **To meet the emphasis area requirement, choose 18 hours from one of the emphasis areas listed below. Hours from different areas cannot be combined.** <u>COUNSELING/CLINICAL APPLICATIONS</u> COE 3313 Rehabilitation Services COE 4013 Facilitative Skills Development COE 4023 Introduction to Counseling COE 4713 Issues in Aging OR PSY 4983 Psychology of Aging COE 4743 Gender Issues in Counseling OR PSY 3203 Psych of Gender Differences COE 4903 Developmental Counseling **EPY 4103 ABA for Behavior Technicians** EPY 4113 Principles of Behavior Analysis EPY 4133 Data-Based Decisions PSY 3073 Psych of Interpersonal Relations	18

The Developing Child
HS 2283 Child Health & Nutrition
HS 2293 Individual & Family Nutrition
HS 2803 Pre-natal & Infant Development
HS 2813 Child Development I
HS 3803 Child Care Procedures
HS 3813 Lifespan Theory
HS 3823 Designing Child Care Programs
HS 4333 Families, Legislation & Pub Policy
HS 4803 Parenting
HS 4843 Family Interaction
HS 4853 Family: Human Eco Perspective
HS 4883 Risk, Resilience, & Prev Interv
Youth and Teen Studies
COE 4013 Facilitative Skills
HS 4853 Family: Human Eco Perspective
HS 4873 Positive Youth Development
HS 4883 Risk, Resilience, & Prev Interv
PSY 3073 Psych of Interpersonal Relations
PSY 3203 Psych of Gender Differences
PSY 3413 Human Sexual Behavior
PSY 3503 Health Psychology
PSY 4223 Drug Use & Abuse
PSY 4643 Social Cognition
Law & Order
CRM 1003 Crime & Justice in America
CRM 2003 Crime, Justice, & Inequality
PSY 4223 Drug Use & Abuse
PSY 4353 Psych & the Law
PSY 4373 Forensic Psych
SO 3313 Deviant Behavior
SO 3343 Gender, Crime, & Justice
SO 3353 Race, Crime, & Justice
SO 3503 Violence in the US
SO 3603 Criminological Theory
SO 4233 Juvenile Delinquency
SO 4253 White Collar Crime
SO 4513 Correctional Systems
Note: Many courses are cross listed as CRM
Human Resources & Industrial Applications
PSY 3353 Motivation
PSY 4523 Industrial Psych
MGT 3114 Prine of Mgmt & Prod
MGT 3513 Intro Human Resource Mgmt
MGT 3813 Organizational Behavior
MGT 4533 Adv Human Resource Mgmt
MGT 4543 Compensation Mgmt
MGT 4563 Staffing in Organizations
MGT 4613 OR TKT 4263 Diversity/ Cult
MGT 4713 Quality in Organizations
TKB 3133 Admin Mgmt & Proc
TKB 4583 Graphics & Web Design
TKI 3063 Industrial Human Relations
Kinesiology
SS 2003 - Foundations of Sport Mgmt
KI 2023 - Found of Health Ed
Kl 2213 - Emergency Health Care

PSY 3213 Psychology of Abnormal Behavior
PSY 3363 Behavioral Modification
PSY 3503 Health Psychology
PSY 4223 Drug Use and Abuse
PSY 4333 Introduction to Clinical Psychology
PSY 4343 Clinical Child Psychology
PSY 4813 Positive Psychology

THE DEVELOPING CHILD
HS 2283 Child Health and Nutrition
HDFS 2803 Prenatal and Infant Development
HDFS 2813 Child Development
HDFS 3803 Creativity & Play in Young Child
HDFS 3813 Lifespan Theory
HDFS 3823 Early Care & Education Programs
HDFS 4333 Family & Public Policy
HDFS 4803 Parenting
HDFS 4843 Family Interaction
HDFS 4853 Family: Human Ecolog Perspective
HDFS 4883 Risk, Resilience & Prevention

HUMAN RESOURCES & INDUSTRIAL APPLICATIONS
PSY 3353 Motivation
MGT 3113 Principles of Management
MGT 3213 Organizational Communications
MGT 3513 Introduction to HR Management
MGT 3813 Organizational Behavior
MGT 4533 Advanced HR Management
MGT 4613 Cross-Cultural Management

KINESIOLOGY*
SS 2003 Foundations of Sport Industry
KI 2023 Foundations of Health Education
Kl 2213 Emergency Health Care
Kl 2603 Medical Terminology
PE 3033 Basketball and Football Officials
PE 3133 Adapted Physical Education
PE 3163 Sport Psychology
PE 3223 Motor Development and Movement
PE 3433 General Safety Methods
PE 4413 Driver Education I
PE 4423 Driver Education II
At least 9 hours must be 3000 level or above.

LAW & ORDER
CRM 1003 Crime and Justice in America
CRM 2003 Crime, Justice, and Inequality

KI 2603 - Medical Term *KI 3273 - Athletic Train* *KI 3633 - Rehab Tech in Sport* *PE 2043 - Intro to Sports Studies* PE 3033 - Basket/Football Officiating PE 3133 - Adapted Physical Ed PE 3163 - Sport Psychology PE 3223 - Motor Dev & Movement *PE 3422 - Coach Football* *PE 3432 - Coach Basketball* *PE 3452 - Coach Soft/Baseball* PE 3433 - General Safety Methods PE 4413 - Basic Driver Ed I PE 4423 - Driver Ed Meth II Speech/Language Pathology *-see advisor* *Minor As an alternative to choosing one of the special interest areas above, you may elect to complete a minor or certificate in another department. To do so, you must meet the stated requirements in the undergraduate bulletin for that minor/certificate.*		PSY 4223 Drug Use and Abuse PSY 4353 Psychology and the Law CRM/SO 3313 Deviant Behavior CRM/SO 3343 Gender, Crime, and Justice CRM/SO 3353 Race, Crime, and Justice CRM/SO 3503 Violence in the United States CRM/SO 3603 Criminological Theory CRM/SO 4233 Juvenile Delinquency CRM/SO 4513 Correctional Systems SPEECH/LANGUAGE PATHOLOGY (SLP) **The emphasis area of speech and language pathology (SLP) prepares you with prerequisites for graduate programs in the field. Most SLP courses are offered at Mississippi University for Women (MUW), and an EPY student will need to apply to MUW as a cross-registered student and see an SLP advisor at MUW for completing their SLP coursework. Contact your EPY advisor first for detailed information.** YOUTH & TEEN STUDIES COE 4013 Facilitative Skills Development HDFS 4853 Family: Human Ecolog Perspective HDFS 4873 Positive Youth Development HDFS 4883 Risk, Resilience & Prevention PSY 3073 Psych of Interpersonal Relations PSY 3203 Psychology of Gender Differences PSY 3213 Psychology of Abnormal Behavior PSY 3413 Human Sexual Behavior PSY 3503 Health Psychology PSY 4223 Drug Use and Abuse PSY 4643 Social Cognition **CRM/SO 3313 Deviant Behavior** **CRM/SO 4233 Juvenile Delinquency** **MINOR OPTION** **As an alternative to choosing one of the emphasis areas above, you may elect to complete a minor or certificate to meet the EPY requirements. To do so, you must meet the stated requirements in the undergraduate bulletin. It is strongly recommended that you meet with an advisor in the minor program to discuss courses you need to take for obtaining the minor.**	
Total Hours	124	Total Hours	124

Justification (Campus 1, 2, & 5)

This course modification will update and streamline coursework for the Bachelor of Science degree in Educational Psychology. This degree program was last modified in 2014; since then, there have been changes at both the university and program levels, entailing another round of degree modification. The current proposal maintains the same number of hours (124) yet seeks to update courses and better meet the needs of our students.

The changes in this modification include the following:

1) Updating the degree description to reflect the most accurate and up-to-date program information
2) Adding one course, EPY 4710, to the 18-hour minor list
3) Replacing the general education "Mathematics" requirement with the new general education "Quantitative Reasoning" requirement
4) Combining the two overlapping requirements, "Science" and "Math/Science," into one requirement, renamed as "Natural Sciences"
5) Replacing a required course, BIO 1123, under "Natural Sciences" requirement with any general education natural sciences elective
6) Collapsing the two overlapping requirements, "Humanities" (History and Literature) and "Humanities" (free electives) into one requirement named "Humanities"
7) Moving EPY 3513 from "Writing Requirement" to "Major Core," making the major core courses to add up to 46 hours
8) Adding one course, EPY 4710, to be an alternative to the PSY/SO elective over 3000 under "Major Core"
9) Adding one course, EPY 4710, to be an "Human/Cultural Diversity" elective
10) Adding one course, CO 1013, to be an "Oral Communication" elective
11) Changing General Electives hours from 12 to 15 to address the deficiency of 3 hours as created by the new general education quantitative reasoning requirement
12) Renaming the "supporting interest area" or "special interest area" as "emphasis area"
13) Updating the approved list of courses in each emphasis area

The reasons for aforementioned changes are as follows:

1) All undergraduate programs are required to incorporate recent changes in MSU's general education mathematics (now "quantitative reasoning") requirement.
2) The existing curriculum has a few overlapping requirements (e.g., both "Science" and "Humanities" appear twice in the curriculum), and we hope to address redundancy and avoid confusion by collapsing these requirements.
3) The program has redefined what courses count as major core and made changes accordingly: EPY 3513 to be added to our major core.
4) We also hope to offer our students more flexibility in their choice of courses; thus, we propose to replace BIO 1123 with any general educational natural sciences elective, increase the general elective hours from 15 to 18, and add EPY 4710 as an elective in our minor list, major core requirement, and human/cultural diversity requirement.
5) Historically, faculty and students have referred to the 18-hour requirement "special interest area," "supporting interest area," or "emphasis area"; to ensure consistency in communication, we decided to use "emphasis area" only in the future.
6) Many of the emphasis areas that are listed in the current bulletin have undergone many changes in their course offerings and/or curriculum. Our curriculum needed to be changed to meet other majors' additions and modifications (i.e., Human Science, Sociology/Criminology, Management). In addition, the options offer more flexibility in courses for students' interests and goals to be met.

Effective Date: Fall 2023

MISSISSIPPI STATE UNIVERSITY

COLLEGE OF EDUCATION
Department of Counseling, Educational Psychology, and Foundations
P.O. Box 9727175
Presidents Circle Mississippi State, MS 39762
P. 662.325.3426
F. 662.325.3263
cep.msstate.edu

TO: Box Council and UCCC Committee Members
FROM: Educational Psychology Faculty
RE: Degree Modification – B.S. in Educational Psychology (Campus 1 & 5)
DATE: January 4, 2023

Dear Box Council and UCCC Committee Members,

This letter of support is offered by the Educational Psychology Faculty members for the proposed degree modification for Bachelor of Science (B.S.) program in Educational Psychology, offered at Campus 1 and Campus 5. As indicated by the signatures below, a majority of the program concentration area faculty have approved the proposal as written for submission to the Box Council and the UCCC.

Sincerely,

[Ty Abernathy, Ph.D.]	Ty Abernathy	Digitally signed by Ty Abernathy. Date: 2023.01.04 15:45:47 -06'00'
[Donna Gainer, Ph.D.]		
[Kasia Gallo, Ph.D.]	Kasia Gallo	Digitally signed by Kasia Gallo DN: cn=Kasia Gallo, o=MS State Univ, ou=CEPF, email=kgallo@colled.msstate.edu, c=US Date: 2023.01.04 21:15:22 -06'00'
[Mehdi Ghahremani, Ph.D.]	Mehdi Ghahremani	Digitally signed by Mehdi Ghahremani Date: 2023.01.04 15:09:25 -06'00'
[Sareh Karami, Ph.D.]	Sareh Karami	Digitally signed by Sareh Karami Date: 2023.01.06 09:59:24 -06'00'
[Elaine Wei, Ph.D.]	Tianlan Wei	Digitally signed by Tianlan Wei Date: 2023.01.04 14:47:35 -06'00'
[Jianling Xie, Ph.D.]	Jianling Xie	Digitally signed by Jianling Xie DN: CN=Jianling Xie, E=jeans8209@outlook.com Reason: I am the author of this document Location: Jianling Xie Date: 2023-01-04 17:04:09