

# Wingate University

## RESEARCH REVIEW BOARD APPLICATION

*THIS COVER SHEET MUST BE ACCOMPANIED BY THE WINGATE GENERAL RRB PROPOSAL FORM.*  
 SEND THE COMPLETED APPLICATION, RRB PROPOSAL FORM, AND ALL SUPPORTING DOCUMENTS TO: [RRB@wingate.edu](mailto:RRB@wingate.edu)  
 All undergraduate researchers must have all of their documents reviewed by their advisor before submitting to the RRB

Today's Date: 01/28/2020		Anticipated Project Completion Date: 04/20/2020	
Investigator (Applicant) Name: Kelle L. Clark	Applicant Phone: (704) 699 - 3450	Applicant Email: k.clark@wingate.edu	
Names Of Other Investigators AND Faculty Advisor/Project Chair: Professor Qin Ding, <a href="mailto:DINGQ@ecu.edu">DINGQ@ecu.edu</a> serving as research supervisor/advisor. Professor S. Lauer, <a href="mailto:s.lauer@wingate.edu">s.lauer@wingate.edu</a> Math Faculty research advisor			
Project Title:  "Knowledge Discovery from Wingate University's Mathematics Placement Test Data"			
General Purpose of the Research:  The purpose of the research is to measure the strength of the Math Placement Test in predicting the outcome of a student's first math course at Wingate given the choice of math course taken and the course is taken their first semester at Wingate. Another objective will be to identify correlations between the variables and to highlight any patterns within the large dataset.			
Describe How You Will Obtain Data AND Attach Copies of Surveys, Questions, Drawings, Photographs, Narratives, or Other Items Used In Data Collection:  Secondary data will be used collected from the existing database of Math Placement Test scores and from the Wingate's database of student schedules and grades.			
Describe How Subjects Will Be Recruited AND Attach Consent Form(s):  Students entering Wingate for the Fall 2018 term that took the Wingate Math Placement Test and a math course Fall 2020 records will be the population for this subjects for this study. No consent forms will be used as implicit consent is given by the student allowing their application materials and the score on the Math Placement Test to be used in the advising process. This study is an evaluation of a piece of the advising process.			
Will Any Subjects Be Less Than 18 Years Old? <input type="checkbox"/> yes <input type="checkbox"/> no <i>If Yes, also complete and attach the Investigator Checklist for Research Involving Children</i>  The original data could have been collected from subjects under the age of 18 years. However, since this research will be using the data as secondary data, with no contact and neither director nor indirect consequences to the original subject that the data was collected from, it is proposed that an Investigator Checklist for Research Involving Children is not needed.			
Are the Subjects Students At Wingate University? <input type="checkbox"/> yes Yes, the subjects were students at the time the original data was collected.	Are Any Subjects Incarcerated, Institutionalized, Pregnant, Or Wards Of The State? <input type="checkbox"/> yes <input type="checkbox"/> no This would be unknown to the researcher, and the subject is not physically involved in the research at any stage and this information is not included in the data that will be mined.	Will The Proposed Research Involve Deception Of The Subjects? <input type="checkbox"/> no (If Yes, Describe in Proposal) No deception will be involved at any stage of the research.	
Describe Any Participation Incentives Offered (class credit, gift card, food, etc.):  No incentives will be offered to any participants.			
Describe How Data Will Secured During and After The Project And Measures Undertaken To Ensure Confidentiality Of Data: The data will be securely transferred to a hard drive on a single PC located in the locked adjunct faculty on the Wingate University campus in Burriss Hall. The data will be destroyed and deleted from memory at the completion of the research.			
<b>CERTIFICATION:</b> In making this application, I certify that I have read and understand the <b><i>Wingate University Policy for Research Projects Involving Human and Animal Subjects</i></b> and I intend to comply with the letter and spirit of the university policy. I agree that significant changes in the protocol will be submitted to the RRB for written approval prior to changes being put into practice, that adverse outcomes, unexpected events, or research subject complaints will be reported immediately to the RRB, and that research records for non-exempt projects will be secured and kept for at least 3 years after completion, closure, or cancellation of the research. <b><i>The RRB must be notified in writing when the project is completed, closed, or cancelled.</i></b>			
Applicant's Signature <u>QR</u> Typed Name And University ID Number:  Kelle L. Clark 006011089			
Wingate University Research Review Board:	<input type="checkbox"/> Full Review	<input checked="" type="checkbox"/> Exempt	<input type="checkbox"/> Expedited
This Project Has Been:	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Deferred	<input type="checkbox"/> Disapproved
RRB Comments:			

Signature of RRB Chair:

*Armie Naylor*

Approved on Jan 29, 2020