Please download a copy of this form before typing your answers. If the IRB form has changed, please feel free to update the questions below.

**\*Current as of 12/5/2023; last edit: Nicholas Young\***

# Basic Information

1. **\*** Title of Study:

Investigating the effect of exam question format on student accuracy and the impact of differentially weighted exams

1. **\*** Principal Investigator:
2. Does the Principial Investigator have a financial interest related to this research?

[ ] Yes [X] No

1. The Principal Investigator will receive all communications related to this project. Select one or more persons to receive the same communications or to have read access to the project even if they are not study team members (e.g., a project coordinator.)’
2. a. Are you requesting determination if your project meets the definition of human subjects research?

[ ] Yes [X ] No

b. Are you requesting determination if your project meets the criteria for developmental review?

[ ] Yes [ X] No

c. Will an external IRB act as the IRB of record for this study?

[ ] Yes [X ] No

# ~~For Non-human subjects only (yes to 5a)~~

## ~~Determination of non-human subjects~~

1. ~~Is the activity a systematic investigation?~~

~~[ ] Yes [ ] No~~

1. ~~Is the activity designed to develop or contribute to generalizable knowledge~~

~~[ ] Yes [ ] No~~

1. ~~Does the activity involve an individual as a recipient of any test article (i.e., drug, biologic, or medical device) or as a control?~~

~~[ ] Yes [ ] No~~

1. ~~Does the activity involve an individual on whose specimen a medical device will be used (21 CFR 812.3(p)) (i.e., in vitro diagnostic [IVD] device)?~~

~~[ ] Yes [ ] No~~

1. ~~Will you interact or intervene with a living person to collect information about, or biological samples from, the person OR Receive or obtain information about, or biological samples from, a living person (from any source or already in your possession)?~~

~~[ ] Yes [ ] No~~

1. ~~Is the information that will be obtained about the individual (i.e., his/her own personal thoughts, opinions, attitudes, and/or perceptions) and not on policies, practices, and/or procedures that this person is familiar with?~~

~~[ ] Yes [ ] No~~

1. ~~Will the information that will be obtained or received be considered private (e.g., an educational or medical record)?~~

~~[ ] Yes [ ] No~~

1. ~~Will the information that will be obtained or received contain direct identifiers?~~

~~[ ] Yes [ ] No~~

1. ~~Will the information that will be obtained or received contain indirect identifiers (e.g., codes) such that a key exists that would allow the data/specimens to be linked to the individuals who provided these?~~

~~[ ] Yes [ ] No~~

1. ~~Is/are the investigator(s) unable to readily ascertain the identity of the individuals who provided the information/specimens because the holder of the key and investigator enter into an agreement prohibiting the release of the key to the investigator under any circumstances, until the individuals are deceased? Attach the agreement in Q12~~

~~[ ] Yes [ ] No~~

~~Is/are the investigator(s) unable to readily ascertain the identity of the individuals who provided the information/specimens because the investigator has documentation of written policies and operating procedures from a repository or data management center that prohibits the release of the key to the investigators under any circumstances, until the individuals are deceased? Attach the agreement in Q12.~~

~~[ ] Yes [ ] No~~

## ~~Not Human Subjects Research Activity Information (only if project is not human subjects research; Question 5a)~~

~~1.Describe the study objectives and rationale:~~

~~2. Provide a brief description of the study procedures.~~

~~3.Describe the subject population, and the type of data/specimens to be studied:~~

~~4. Identify the source of data/specimens (i.e., from whom/where these will be obtained):~~

~~5. Describe how data/specimens were collected:~~

~~6. Were the data/specimens originally collected solely for research purposes?~~

~~[ ] Yes [ ] No~~

# Project Funding (complete for all proposals)

1. Is the work described in this protocol, or the work described in the overarching project, funded by an external source:

[ ] Yes [x ] No

1. Compare the scope of the Human Subjects Activities included in the overall project to the activities described in this protocol submission:

[x] They are the same: All human subjects activities in the overall project are included in this protocol submission:

[]They are different: Human subjects activities included in the overall project but not part of this protocol submission have already been included in a separate pending or approved protocol submission:

[ ] Human Subjects Activities included in the overall project but not in this IRB Submission are intended to be included in a future UGA IRB Submission:

[ ] Human Subjects Activities included in the overall project but not in this IRB Submission have already been included in a separate pending or approved IRB Submission to an external institution/entity:

[ ]Human Subjects Activities included in the overall project but not in this IRB Submission are intended to be included in a future IRB Submission to an external institution/entity:

# Study Team Members

Identify each UGA faculty, staff, or student who will be engaged in the conduct of human research. Do not select the PI again

Christopher Overton

Nandana Weliweriya

Identify non-UGA collaborators\* who will be engaged in the conduct of human research.  
*\*Submit an Individual Investigator Agreement for all study personnel with an institution that does not have an assurance with the Office for Human Research Protections or OHRP (typically, local schools, private doctors, clinics).*  
*\*For study personnel who are affiliated with an institution that has an assurance (has its own IRB), do not submit an Individual Investigator Agreement. Instead indicate that you have an External Site on the Study Scope page.*  
*\*If the submission is for reliance on an External IRB, do not list study team personnel at non-UGA sites.*

# Study Scope (if selected human subjects research)

1. Will you recruit or conduct the study at a non-UGA agency/institution/facility (i.e., referred to as an External Site) where you do not normally have research privileges?

[ ] Yes [X ] No

1. Check the methods/procedures that are used:

|  |  |
| --- | --- |
| X | Project is Exempt |
|  | Blood Sampling/Collection |
|  | HIPAA (Protected Health Information) |
|  | Deception, concealment, or incomplete disclosure |
|  | Internet Research |
|  | Research activities are limited to analysis of data |
|  | Genetic Analysis |
|  | DXA/X-Ray |
|  | More than moderate Exercise |
|  | Electrical Stimulation |
|  | Data/Tissue Repository |
|  | ClinicalTrials.gov Registration |
|  | Use of Drugs/Biologics, Dietary Supplements or Devices |

1. Does the study use any of the following test articles? Check all that apply.

|  |  |
| --- | --- |
|  | Dietary Supplements used for a therapeutic purpose - See Help |
|  | Food that is not used primarily for its taste, aroma, or nutritive value but for a therapeutic purpose or to affect the structure/function of the body - See Help |
|  | Human Cells, Tissues, and Cellular and Tissue-Based Products (HCT/Ps) - See Help |
|  | Device Software Functions and Mobile Medical Applications - See Help |
|  | Medical Devices |
|  | Drugs or Biological Products |

1. ClinicalTrials.gov Registration and Results Submission. Check all the requirements that apply (see Help):

|  |  |
| --- | --- |
|  | This is an Interventional Clinical Trial that will be published in an ICMJE journal. |
|  | This is an Applicable Clinical Trial per FDAAA 801. |
|  | This is a study with direct funding from NIH (wholly or partially) that meets the definition of a Clinical Trial. |
|  | Others. |

1. Will the project require use of the CTRU Unit?

[ ] Yes [ X] No

1. Will the project require use of the CTRU personnel?

[ ] Yes [X ] No

# Exempt Categories (if selected Project is exempt)

If your study has federal funding, only the six categories in Q1 may be used. For all other projects, review the first six; If none apply, review the Q2-FLEX categories below. Please review the Policy and Procedure: Exempt Research for additional guidance. It is located in the Click IRB Library under SOPs.

1. Education Research

[X ] Yes [ ] No

DHHS - Exempt 1): Research, conducted in established or commonly accepted educational settings, that specifically involves normal educational practices that are not likely to adversely impact students’ opportunity to learn required educational content or the assessment of educators who provide instruction. This includes most research on regular and special education instructional strategies, and research on the effectiveness of or the comparison among instructional techniques, curricula, or classroom management methods.

Check the box below to indicate that you will comply with the requirement to obtain External Site Authorization. Please complete the External site page accordingly. For more information on doing research at external sites, see our policy at:<https://research.uga.edu/docs/policies/compliance/hso/PP-Use-External-Sites-Research.pdf>

EXTERNAL SITE AUTHORIZATION: I must obtain site authorization that indicates the procedures are normal educational practices that are not likely to adversely impact students’ opportunity to learn required educational content or the assessment of educators who provide instruction.

[ X] Yes [ ] No

If the project involves access to or use of educational records, check the box below to acknowledge FERPA requirements. For more information about FERPA, see our policy at: <https://research.uga.edu/docs/policies/compliance/hso/PP_FERPA.pdf> FERPA: I must obtain documented parental permission or adult student consent as required by FERPA unless the site authorization describes that my project meets criteria for exception to this requirement.

[X ] Yes [ ] No

1. Exempt 2. SURVEYS, INTERVIEWS, OBSERVATION OF ADULTS

[X ] Yes [ ] No

Research that only includes interactions involving educational tests (cognitive, diagnostic, aptitude, achievement), survey procedures, interview procedures, or observation of public behavior (including visual or auditory recording) if at least one of the following criteria is met:  
  
Check one of the following criteria i-iii:

i. DATA ARE NOT IDENTIFIABLE: The information obtained is recorded by the investigator in such a manner that the identity of the human subjects cannot readily be ascertained, directly or through identifiers linked to the subjects (no a/v recording);

**ii. IDENTIFIABLE BUT NO RISK:** Any disclosure of the human subjects’ responses outside the research would not reasonably place the subjects at risk of criminal or civil liability or be damaging to the subjects’ financial standing, employability, educational advancement, or reputation; or

iii. IDENTIFIABLE SENSITIVE DATA: The information obtained is recorded by the investigator in such a manner that the identity of the human subjects can readily be ascertained, directly or through identifiers linked to the subjects, and an IRB conducts a limited IRB review.

1. Exempt 3: BENIGN BEHAVIORAL INTERVENTIONS WITH ADULTS [ ] Yes [ ] No

(DHHS - Exempt 3(i)): Research involving benign behavioral interventions in conjunction with the collection of information from an adult subject through verbal or written responses (including data entry) or audiovisual recording if the subject prospectively agrees to the intervention and information collection and at least one of the following criteria is met:  
  
Check one of the following criteria A-C.

A. DATA ARE NOT IDENTIFIABLE: The information obtained is recorded by the investigator in such a manner that the identity of the human subjects cannot readily be ascertained, directly or through identifiers linked to the subjects;

B. IDENTIFIABLE BUT NO RISK: Any disclosure of the human subjects’ responses outside the research would not reasonably place the subjects at risk of criminal or civil liability or be damaging to the subjects’ financial standing, employability, educational advancement, or reputation; or

C. IDENTIFIABLE SENSITIVE DATA: The information obtained is recorded by the investigator in such a manner that the identity of the human subjects can readily be ascertained, directly or through identifiers linked to the subjects, and an IRB conducts a limited IRB review.

4. Exempt 4: Secondary Data Analysis [ ] Yes [ ] No

Secondary research uses of identifiable private information or identifiable biospecimens, if at least one of the following criteria is met (check all that apply):

PUBLICLY AVAILABLE: The identifiable private information or identifiable biospecimens are publicly available;

INVESTIGATOR WILL NOT RECORD (KEEP) IDENTIFIERS: Information, which may include information about biospecimens, is recorded by the investigator in such a manner that the identity of the human subjects cannot readily be ascertained directly or through identifiers linked to the subjects, the investigator does not contact the subjects, and the investigator will not re-identify subjects;

PROJECT IS HIPAA REGULATED: The research involves only information collection and analysis involving the investigator’s use of identifiable health information when that use is regulated under HIPAA for the purposes of ‘‘health care operations’’ or ‘‘research’’; or

FEDERAL AGENCY PROJECT USING FEDERAL DATA - Call UGA Human Subjects Office before choosing this option: The research is conducted by, or on behalf of, a Federal department or agency using government-generated or government-collected information obtained for nonresearch activities, if the research generates identifiable private information that is or will be maintained on information technology that is subject to and in compliance with section 208(b) of the E-Government Act of 2002.

# Human Research Participants

1. Targeted Populations - Click "Add" to provide a general description of the targeted participants. See Help text on the right for definition of human subject.

Students enrolled in Physics 1251 during spring 2024 and summer 2024

1. Inclusion Criteria - if there are multiple targeted populations, identity the criteria for each:
2. Exclusion Criteria - if there are multiple targeted populations, identity the criteria for each
3. Eligibility Criteria - Describe how potential participants will be initially identified and how eligibility will be determined:
4. Exclusion Justification - If the research will exclude a particular gender or minority group, provide justification:
5. Incentive Description - Describe any incentive/compensation for participation:

Students participating in an interview will receive a $10 Amazon gift card in exchange for 30 minutes of their time. The students will be interviewed twice for a total of $20 for 60 minutes of participation.

Students participating in other aspects of the study will not be compensated because their participation does not go beyond standard course activities that they are expected to complete regardless of whether they chose to participate in the study.

# Vulnerable and Special Populations

1. Special populations – check any that apply:

|  |  |
| --- | --- |
|  | Pregnant women, neonates, or fetuses. |
|  | Prisoners |
|  | Minors |
|  | Mentally-disabled/cognitively-impaired/severe psychological disorders |
|  | Physically-disabled |
|  | Terminally ill |
|  | Economically/educationally disadvantaged |
|  | A specific group based on religion, race, ethnicity, immigration status, language, or sexual orientation |
| X | Students/Employees |
|  | Other (please describe) |

1. Provide justification for including the group(s) checked above in this particular study:

The study is about university student performance on physics exams and thus could not be reasonably conducted without collecting data from students.

1. Describe the working relationship between any researchers and the participants, as applicable:

While PI Young has previously taught the course under investigation, the PI is not scheduled to teach any sections of the course during the data collection period. Co-PI Weliweriya will be teaching the course but will not be involved in interviews and will not have access to any interview data until final grades have been submitted. Weliweriya will also not be involved in the consent process or be aware of who has consented to share course data with the research team until final grades have been submitted.

1. Describe the safeguards to protect the rights and welfare of these participants and to minimize any possible coercion or undue influence:

The names and information of students participating in the interview portion of the study will not be shared with the course instructor. Weliweriya will tell students to directly contact PI Young if they are interested in participating. While PI Young’s and Weliweriya’s office locations are in close proximity, interviews will be conducted in the PI’s lab space to minimize the chance the course instructor could see a student participating in an interview. As Weliweriya will not have access to the names of students who participate in this study, there is minimal risk that students will be subject to undue influence.

Research activities on the exam itself will not be separate from course activities. Therefore, Weliweriya will not be able to determine which students are participating in the study based on the activities they do in class. In addition, any data from the exams would already be available to Weliweriya in this capacity as an instructor so there is no Weliweriya would not gain additional information or insights into his students by encouraging them to participate in the study.

As of July 1,2023, UGA’s minimum hourly compensation for the student employees is $11.00 per hour. As our effective rate of compensating students is $20.00 per hour, and thus not significantly higher than what a student would be typically paid. As such, we do not believe that our level of compensation would result in undue influence on their desire to participate.

# Recruitment Methods and Materials

1. Will you recruit individuals to take part in the study

[X ] Yes [ ] No

1. Describe when, where, and how participants will be initially contacted

The PI or a member of the research team will attend each section of Physics 1251 to describe the study, what would be expected of students, and to answer any questions. The PI or member of the research team will then display a QR code on the screen to students to consent or decline to consent via a Qualtrics form as well as consent to receive follow-up information about participating in the interview study. For potential participant confidentiality, Weliweriya will leave the room while the PI or member of the research team describes the study. To protect the privacy of students who wish to participate (and would identify themselves by scanning the code), all students will be asked to scan the QR code, and then may decline to consent on the form or choose not to fill it out.

1. Describe any follow-up recruitment (e.g. multiple attempts/contacts for the purpose of inviting someone to participate):

For the interview study, the course instructor will post a reminder on the course learning platform (eLC) one week after the initial recruitment with information about the study and who to contact on the research team to enroll in the interview study.

# Consent Process and Materials

1. Select the applicable option(s) below to describe the consent process/es for this study:

|  |  |  |
| --- | --- | --- |
|  | Option | Description |
| X | Informed consent will be obtained and documented | The consent process includes all elements of consent and participants will sign a consent document. |
|  | Signatures will not be obtained on consent documents | Participants will not physically sign a document as part of the consent process. |
|  | Informed consent will not be obtained or some or all elements will be waived or altered | There will not be a consent process or the consent process will not include all elements of informed consent. |

1. Describe how, where and when informed consent will be obtained from research participants:

Students who agree to participate in the interview portion of the study will fill out the printed consent form when they arrive for the interview. Students will have the opportunity to ask any questions about the study.

For the exam data collection, students will be asked to fill out an online Qualtrics form to document their consent when the PI or member of the research team comes to the classroom. The consent form will ask students to confirm they are over 18 years old.

1. Consent forms: **Important Note:** The IRB strongly recommends the use of consent templates that are available on the consent materials page to ensure that all the elements of informed consent are included (per 45 CFR 116). Add attachments below. If more than one consent document will be used, please name each accordingly.

# Research Design, Methods, and Procedures

1. Brief Description

This study will consist of three parts. The first part will examine the impact of different question formats on question accuracy. The second part will examine the impact of variable weighted exams on student’s final grades. The third part will consist of student interviews to examine how the use of variable exam weights affect student approaches to studying for exams and the stress they feel about exams.

1. Describe the overall research design and method(s) of data collection. Also, identify specific factors or variables and, if applicable, treatment and control conditions or groups

In part 1, the research team will work with Weliweriya to develop comparable exams with some questions posed in alternative formats. As part of these exams will be three multiple choice questions. The first question will be the same for all participants to serve as a control. The next two questions will be one traditional multiple-choice question and the other question would be a type-K or complex multiple-choice question. Each concept (call them concept 2 and concept 3) covered by these two questions will be written so that it can be asked as either a type-K question or a traditional multiple-choice question. Each student would only see one type-K question on their exam and the remaining concept would be asked as a traditional multiple-choice question. Whether the type-K question appears second or third could also impact the results so a total of four exam versions will be created to control for any errors that could result due to having concept 2 or concept be covered by the type-K question and by having the type-K question appear as question 2 or question 3 on the exam. With a maximum enrollment of 216 students a semester, this exam format will be used for the 3 midterms exams in the course, resulting in a maximum of 648 data points per semester. All student responses will be collected by Weliweriya and compiled in a spreadsheet. After final grades have submitted, students who have not consented to be part of the study will be removed from the data. The remaining data will then be anonymized using a five-digit number and a separate linking file containing student names and ID numbers will be kept on a separate hard drive in the PI’s office. The linking file will be retained at least until the publication of all results are complete or the IRB’s required timeline of data retention has passed, whichever is greater.

In part 2, Weliweriya will download the final grades from eLC for all students in the course, with the exam grades specifically denoted. Any student who did not consent will then be removed from the data set before it is anonymized using the same five-digit code as before. The anonymized data set will then be shared with the rest of the research team.

In part 3, the PI will recruit up to 20 students from the class as explained above to participate in two 30-minute interviews either in the Physics Building or over Zoom based on the student’s preference. In the case of Zoom, consent would be obtained via an online signature tool. Zoom will be the only online video platform used as the university has designated it FERPA compliant. The PI or other member of the research team (excluding Weliweriya) will ask students questions about how they study for exams, how stressed they feel about their courses, and how the assessment structure of the course affects their preparation for and stress around exams. The student will be interviewed once before the first exam in the course and again before the third midterm in the course.

1. Describe the time commitment per activity per individual subject and provide the estimated total duration of participation. If known, also describe the anticipated duration to enroll all study subjects and the estimated time until completion of primary analyses.

Students who only chose to share their exam data and grades will have minimal time commitment as they are not doing any additional work beyond what would be already expected as part of the course.

Students who chose to participate in the interview study would be committing 1 hour of total time (2 30-minute interviews) in addition to any commute time to attend the interview.

This study plans to collect data during both the spring 2024 and summer 2024 semesters to achieve a sufficient number of students and to account for possible semester differences. Based on this timeline, it is expected that primary analysis would be completed by the end of spring 2025 with publication of results completed by spring 2026.

1. Describe in detail, and in sequence, all study procedures from the perspective of the participant. Begin with any procedure that involves interaction or collection of data to determine eligibility, if applicable. Separate any procedures that are part of regular practice from procedures that are specific to this research study. If procedures are long and complicated, use a table, flowchart or diagram to outline the study procedures.

For a student only participating in the exam data, they will interact with the PI or a member of the research team in class who will describing the study and asking for their consent. To protect the confidentially of students choosing to participate (the ones raising their phones to scan the code), all students will be asked to scan the QR code and fill out the form but to select the decline to consent option. There will be no further commitment from the student.

For students participating in the interview portion of the study, they will either log on to Zoom or arrive at the location in the Physics Building designated by the PI or member of the study team. The student will be asked to read the consent form, ask the researcher any questions, and sign if they agree to participate. Students participating via Zoom will be asked to complete the process via docusign or other similar program. The student will then participate in a 30-minute interview. The student will return to the Physics Building or log back on to Zoom before the third exam to complete a second thirty minute follow up interview.

1. Describe the data analysis plan, including any statistical procedures. For qualitative studies, specify the proposed analytic approaches.

For parts 1 and part 2, the researchers will use quantitative analysis. Specific methods include, but are not limited to paired descriptive statistics as well as modeling approaches such as network analysis and mixed effects modeling.

For the interview study, researchers will use thematic analysis to analyze the student interviews. The research team may also match responses with student demographic and physics preparation that the student shared in their pre-interview survey.

All data will be stored locally as UGA Cloud services are not FERPA-compliant. Any data that needs to be shared electronically will use UGA’s file sharing system or use a physical transfer of data via flash drives or similar mechanism.

For reproducibility, data analysis scripts may be uploaded to a private GitHub repository. As GitHub is not FERPA compliant, only analysis scripts and analysis notebook will be uploaded and none of the data files themselves.

# Data Collection Materials

1. Upload data collection materials: Data Collection Materials may include, but are not limited to: surveys, interview guides/questions, questionnaires, focus group guides/questions, observation guides, bio-metric measure recording sheets. Do not list equipment such as audio/video-recording devices, EKG, Ultrasound.

Have not been developed yet.

# Risks and Benefits

1. If there is collection of information that could place a participant at risk of criminal or civil liability or damage a participant's financial standing, employability, or reputation, mark any box(es) that apply below. If information to be collected is not sensitive, do not mark any. The list below is not exhaustive but represents common elements or procedures in research where the primary risk is potential harm associated with breach of confidentiality

|  |  |
| --- | --- |
|  | Collection of sensitive information in surveys or interviews. |
| X | Collection of information that may cause embarrassment or may be associated with stigmatization. |
|  | Collection of information that may be considered an invasion of privacy of the subject or the subject's family |

1. Describe in detail the nature and degree of risk associated with participation. Address any items marked above in detail. Include risks associated with physical procedures/interventions and procedures and interventions that may cause psychological harm

There is minimal risk of participation. Parts 1 and 2 make use of the student grades which are determined and collected by the university regardless of whether the student agrees to participate in the study. While the unauthorized disclosure of grades could cause the student embarrassment or stigmatization, the risks are minimally greater by participating in this study than if the student chose not to participate in the study because a small number of additional people would have access to their grade compared to if they chose not to participate in the study.

For the interview portion of the study, the student could reveal information may could result in stigmatization or embarrassment from their peers or the course instructor. For example, revealing their study habits could cause stigmatization if the student reveals that they do not study for the course.

1. Describe the measures that will be taken to minimize each of the potential risks/harms identified in questions 1 and 2

Instructor Weliweriya will not be involved in any of the interviews and will not have access to any interview data until his final course grades have been submitted. Any interview data Weliweriya has access to will be anonymized to the greatest extent possible to minimize the chance it could be linked back to any specific students.

In additional, all grade and exam data will be anonymized as soon as practical with the linking file stored in an offline format in a locked office. Therefore, even if the grade and exam data were accessed by an unauthorized third party, there is minimal risk that any individual student could be identified.

1. Describe any anticipated direct benefits to participants. If there are none, please state so:

Students participating in this study may develop an increased understanding of how educational research is conducted and how teaching innovations are studied and tested at the University of Georgia. Students participating in the interview study may gain an increased understanding of their study habits as they reflect to answer the research team’s questions.

1. Describe any anticipated benefits to others (e.g., societal) that may result from the research. Describe the generalizable or transferable knowledge that may result

Future students in the course may benefit from exam questions that are better aligned with their knowledge and expected level of difficulty. The knowledge generated around exam practices and grading can contribute to generalizable knowledge that could be adopted by other instructors if found to be successful in their goals. In that case, the adoption of such practices could contribute to higher student grades in first year courses (which are a key to retention) and decreased stress around exams.

# Confidentiality and Privacy

1. Will the researchers collect or record any direct identifiers with the data (e.g., names, addresses, telephone numbers)?

[ X] Yes [ ] No

1. Will the researchers use a coding system and/or will the data be collected via the Internet?

[X ] Yes [ ] No

1. Will the link/indirect identifier be retained after data collection is complete?

[X ] Yes [ ] No

1. Is it reasonable foreseeable that the study will collect or be privy to information that State or Federal law requires to be reported to other officials (e.g., child or elder abuse) or ethically might require action by the research (e.g., suicidal ideation, intent to hurt self or others)? If "Yes", this must be described in the the consent documents

[ ] Yes [X ] No

# ~~(Complete only for developmental proposals) Investigator Assurance Seeking Release of Funds for Preliminary Activities from Non-federal Source~~

~~Account numbers are assigned by Sponsored Projects Administration once all award and compliance documents are obtained. Some contracts and awards may involve a period of development for which funds are needed to support activities preliminary to the research involving human subjects. If your non-federal award has been received but the account number cannot be assigned without IRB approval, and you cannot seek IRB approval until the preliminary activities are completed, you can provide an assurance and notification to the IRB that you are setting up a developmental period. This automated process will result in documentation pertaining to IRB review that your SPA representative will add to your project record. Complete the following questions to begin the process:~~

1. ~~Describe use of funds that are necessary and/or the activities that must be completed before the project can be submitted for IRB review:~~
2. ~~Indicate the anticipated date for submission of the human research project for IRB review:~~
3. ~~Indicate the anticipated date when human subjects research will begin:~~
4. ~~Does the project involve collaboration with non-UGA institutions?~~

~~[ ] Yes [ ] No~~