

COVER SHEET STUDENT INVESTIGATORS

Submit all research documents via SharePoint
(See "Submission Process" at www.gonzaga.edu/IRB)

I. STUDENT INVESTIGATOR (SI)

Student Investigator Name: Lin Ai Tan

(Students must have a "Responsible PI" who is a qualified faculty member or supervisor, and who will monitor and be liable for the conduct of the research.)

Department:	Honors Program	School/College:	Gonzaga University	Email:	tredennick@gonzaga.edu
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II. CO-STUDENT INVESTIGATOR(s) (If applicable):

CO-SI Name:

Department:		School/College:		Email:	
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CO-SI Name:

Department:		School/College:		Email:	
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CO-SI Name:

Department:		School/College:		Email:	
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CO-SI Name:

Department:		School/College:		Email:	
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III. RESPONSIBLE PRINCIPAL INVESTIGATOR(s)

Responsible PI (Advisor or Supervisor): Dr.Daniel Olivares

(The "Responsible PI" must monitor and be liable for the conduct of student research.)

Department:	Computer Science	School/College:	School of Engineering and Applied Sciences / Gonzaga University	Email:	olivares@gonzaga.edu
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Responsible PI (Advisor or Supervisor):

(The "Responsible PI" must monitor and be liable for the conduct of student research.)

Department:		School/College		Email:	
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IV. PROTOCOL INFORMATION

TITLE OF THE PROJECT: **Human Computer Interaction (HCI) and Biological approaches to social media** *(Please be sure the title and PI name(s) are consistent across all materials submitted.)*

ANTICIPATED START DATE: September 14th *(The start date should NOT be earlier than the review date for your protocol.)*

ANTICIPATED END DATE: December 24th

THIS PROJECT IS:

- ☐ Undergraduate Research ☐ Master's Research ☐ Doctoral Research

V. ABSTRACT

Provide a brief (about one paragraph) abstract in layman's terms that includes study goals, background, and methods used for this research:
Social media traditionally are created to be addictive to contribute to a company's profit with little to no regard for one's mental health. In a society where social media has become indispensable, we must understand and propose a way that prioritizes mental health instead of completely abolishing social media. The purpose of this study is to understand what changes can be done to certain elements of social media to reduce anxiety/depression and positively impact one's mental health. Elements of social media constitute features of typical social media apps, such as liking a post, messaging a friend, viewing another person's post, posting a reel, etc. By identifying what elements causes the problem through literature review, different iterations will be proposed. Then, interviews are conducted to understand and study the different iterations of the newly designed software and asked for participant's feedback whether it did improve their mental health. The best iteration will then be implemented as an app

VI. ASSURANCES AND SIGNATURES

- SIGNATURES:** Signatures can be submitted with Adobe automatic signatures. A typed name can be accepted, too, when accompanied by an email to the IRB stating, "My typed name indicates my signature." The IRB email is: irb@gonzaga.edu.
- TRAINING:** All research members must complete ethical training through either CITI or NIH* within 4 years prior to submitting a protocol. Refresher courses are available if needed. **Note that NIH will no longer be accepted after Oct. 1, 2021.*

As Student Investigator, I understand the following (please check):

CHOOSE ONE:

- ☐ Each student research member has completed NIH* training within 4 years prior to submitting this protocol. (*Good only through 10/1/2021.)
- ☒ Each student research member has completed CITI training within 4 years prior to submitting this protocol.

☒ This research will not begin until a determination is received from the Gonzaga IRB.

☒ I agree to conduct the research in accordance with the three basic principles of the Belmont Report (Respect for Persons, Beneficence, and Justice).

STUDENT INVESTIGATOR(s)

By signing below I certify that I am aware of and agree with the information provided in this application.

Lin Ai Tan

Type Name	Student Investigator Signature	Date
Type Name	Co-Student Investigator Signature	Date
Type Name	Co-Student Investigator Signature	Date
Type Name	Co-Student Investigator Signature	Date
Type Name	Co-Student Investigator Signature	Date

RESPONSIBLE PI(s) – Faculty Advisor(s) of Student Investigator (SI)

As the Faculty Advisor for this student investigation, my signature indicates the following:

- I have reviewed and concur with this research proposal, including: purpose, design, methodology, procedures, subjects, and the provided description of risks and benefits.
- I will assist the student and Gonzaga as requested if any problems develop with the research.
- I will provide continued oversight and guidance to the student during the course of the research, according to state and federal laws in addition to institutional policies and procedures.
- I have completed the NIH or CITI training.
- I understand that I am the “responsible PI” who is liable for the conduct of the research.

Daniel Olivares  9/1/2022

Type Name Signature of FACULTY ADVISOR Date

Type Name Signature of CO-FACULTY ADVISOR Date

DEPARTMENT CHAIR OR SUPERVISOR

With my signature, I acknowledge that I have been informed of the research. I also understand it is the responsibility of the IRB to review research protocols as per the criteria in 45 CFR 46.111 (<https://www.hhs.gov/ohrp/regulations-and-policy/regulations/45-cfr-46/index.html#46.111>).

Linda Tredennick  9/7/2022

Type Name Signature of DEPARTMENT CHAIR OR SUPERVISOR Date