



**Central Connecticut State University
Human Studies Council
-Institutional Review Board-**

INITIAL PROTOCOL SUBMISSION FORM

SUBMISSION INSTRUCTIONS – The Initial Protocol Submission Form (IPSF) is now a fill-in form. The fill-in format is designed to facilitate preparation of the IPSF and review by the HSC/IRB. As this is a new format there are likely to be periodic updates.

Each item on the IPSF has a text field (Click or tap here to enter text), a check box () or a date menu (Click or tap to enter a date) to enter information about the proposed research. Text fields will expand as information is entered. Click on the check box to place x. To initiate the HSC/IRB review process submit the completed IPSF and supplemental materials to hsc@ccsu.edu. Attach supplemental materials as either a Word or PDF document.

Please provide the information requested. If an item is not applicable enter N/A. If information is not available, enter “Info not available” with explanation. If there is information about the research that is not requested on the IPSF please enter the information in Section VIII, Additional Information.

Principal Investigators are to submit the completed IPSF and supplemental materials to the HSC/IRB. PIs as faculty advisors are to review the Lead Investigator’s IPSF for completeness and includes all relevant supplemental materials. The PI will then forward the IPSF to the HSC/IRB on behalf of the LI under their supervision. Submissions to the HSC/IRB by student researchers will be returned to the student’s faculty advisor.

SECTION I – General Information

- 1. PROTOCOL TITLE:** Social media usage and personality traits
- 2. RESEARCH TEAM:** Principal Investigator (PI) is the designation for faculty conducting research and/or is a faculty advisor. The PI designation is also for a CCSU staff member named as PI on a grant.

Lead Investigator (LI) is a designation for student researchers. “Other Researcher” is for an individual who is part of the research team and will have direct involvement with research subjects, but is not a PI, Co-PI, LI, or Co-LI.

	NAME	CCSU ID	INSTITUTION/ DEPARTMENT	PHONE/EMAIL
Principal Investigator / Faculty Advisor			/Psychological Science	
Co-Principal Investigator	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.
Lead Investigator			CCSU/Psychological Science	
Co-Lead Investigator	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.
Other Researcher	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.
Other Researcher	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.

- 3. HUMAN SUBJECT PROTECTION EDUCATION:** Enter requested information in appropriate space.

	NAME	EDUCATION (CITI, NIH, etc.)	DATE COMPLETED	CERTIFICATE INCLUDED W/APPLICATION?
Principal Investigator / Faculty Advisor		CITI	5/16/2018	YES
Co-Principal Investigator	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap to enter a date.	Click or tap here to enter text.
Lead Investigator		CITI	11/28/2019	YES
Co-Lead Investigator	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap to enter a date.	Click or tap here to enter text.
Other Researcher	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap to enter a date.	Click or tap here to enter text.
Other Researcher	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap to enter a date.	Click or tap here to enter text.

4. **RESEARCH PURPOSE:** Check the appropriate box in the column left of research purpose options. If the option checked is Undergraduate, Graduate or Other describe the course, project and department in the space to the right.

<input type="checkbox"/>	Faculty Research	<input type="checkbox"/>	Undergraduate Course/Project	Click or tap here to enter text.
<input type="checkbox"/>	Dissertation	<input checked="" type="checkbox"/>	Graduate Course/Project	Click or tap here to enter text.
<input type="checkbox"/>	Master's Thesis/Project	<input type="checkbox"/>	Other	Click or tap here to enter text.

5. **FUNDING SOURCES:** Check the appropriate box in the column to the left of the funding options. If research has funding enter funding source information in the space to the right of the funding option.

<input checked="" type="checkbox"/>	Research not funded	Click or tap here to enter text.
<input type="checkbox"/>	Funded by Federal agency or department	Click or tap here to enter text.
<input type="checkbox"/>	Funded by Connecticut State agency or department	Click or tap here to enter text.
<input type="checkbox"/>	Funded by CCSU center, department, school or other	Click or tap here to enter text.
<input type="checkbox"/>	Funded by private organization	Click or tap here to enter text.
<input type="checkbox"/>	Funded by other entity	Click or tap here to enter text.

SECTION II – Research Overview

Please provide the information requested. If an item is not applicable or information is not available, enter N/A.

- Proposed start date of research activities: 2/15/2019
- In 250 to 500 words please provide a brief summary of the proposed research, including study hypothesis or research question, objectives, and rationale. Also cite relevant published research and articles to support the hypothesis or research question for the proposed research.

The current study examines the relationship that motivation for social media use has on narcissism and empathy. Meta-analyses indicate a pattern of increases in narcissism and decreases in empathy among younger Americans (CITATION). What is explaining this relationship? Previous literature indicates that motivation for social media use is related to narcissism and emotional recognition abilities (CITATION). Previous literature examines narcissism in relation to social media (CITATION). The present study aims to assess how attention-seeking motivation for social media use explains the relationship between narcissism and empathy. The present study also aims to assess how the two types of narcissism, grandiose and vulnerable, relate to empathy and motivation for social media usage. The hypotheses of the study are that the relationship between narcissism and empathy is mediated by attention-seeking motivation for social media use and grandiose narcissism will be a

stronger predictor of attention-seeking motivation for social media use than vulnerable narcissism. The present study will examine how motivation for social media use is related to trait narcissism and empathic ability.

- 3. Describe the subject population demographic which is specific to the objectives of the proposed research stating age range, gender, ethnicity/race or whether subjects will be children, prisoners, students, employees, individuals with impaired decision-making capacity, or economically or educationally disadvantaged persons.

I will recruit approximately 250 participants. My participant pool will comprise of CCSU undergraduates and participants who voluntarily fill out the online survey. The demographics of the participants will depend on who completes the online survey voluntarily.

Participants who do not have a Facebook or Instagram account will be excluded from the study.

None of the participants will be minors, children, prisoners, students, employees, individuals with impaired decision-making capacity, or economically or educationally disadvantaged persons.

SECTION III – Sponsors, Affiliates, and Collaborators

- 4. Describe any arrangements with an agency, organization, or institution that is a collaborator for this research. Include a name of the collaborator official with contact details and a gatekeeper letter. If the gatekeeper letter is not available indicate the status for procuring the letter.

N/A

- 5. Describe the status of the collaborator IRB for this proposed research. If the collaborator IRB has approved this research include a copy of the approval. If the collaborator does not have an IRB enter N/A.

N/A

- 6. Describe any plans to recruit subjects or to obtain data from an agency, school, organization or institution other than CCSU.

N/A

SECTION IV – Human Subjects

- 7. Describe the expected demographics for the proposed research sample if known.

I will recruit approximately 250 participants. I expect a good majority of the participants to be undergraduate students between the ages of 15 and 45. Approximately 50% of the sample will be female; however, the demographic characteristics of my sample will be determined by who chooses to participate. I will exclude data from individuals who do not have a social media account, are under 18, or over 60.

The categories below indicate populations that are considered vulnerable to coercion or undue influence. Check each category that is applicable to this proposed research. If none enter N/A N/A

<input type="checkbox"/>	Children
<input type="checkbox"/>	Individuals with impaired decision making capacity
<input type="checkbox"/>	Economically or educationally disadvantaged persons
<input type="checkbox"/>	Prisoners
<input type="checkbox"/>	Probationers or parolees
<input type="checkbox"/>	Veterans

- 8. Describe any relationship that members of the research team might have with the prospective subjects.

Some participants may be students of [redacted] or Introduction to Psychology” course, but [redacted] will not mention to his students that he is involved in that study and that they should run this study because he is involved in it.

9. Do you plan to recruit CCSU students through a class that you or one of your faculty collaborators instruct?

Yes (Answer 9a) No (Go to #10)

9a. Please explain why this population is necessary to the study and indicate what precautions will be taken to minimize potential undue influence or coercion.

Previous research investigating the relationship between narcissism and social media use has run participants with similar demographics and it is important to run such participant in the present study to replicate previous findings and to related potential findings from the proposed study with previous findings.

To prevent or minimize any potential undue influence or coercion no benefits are provided to the participants for participating in the study. Participants may exit the survey at anytime. Some participants may be students of "Introduction to Psychology" course. I will not mention to his students that he is involved in the proposed study nor mention that they should run this study because he is involved in it.

10. Describe recruitment procedures and attach recruitment materials.

I will recruit participants from the Psychology Participant Pool using an online recruitment tool called SONA between February and April of 2019, as well as utilize social media (Facebook and Instagram). Whoever voluntarily signs up for the study will be able to participate. See appendix B for recruitment script.

11. Describe criteria for subject inclusion and screening procedures of prospective subjects. If any inclusion/exclusion criteria are based on gender or ethnicity/race explain rationale.

I will include participants who will have set up an account with the SONA online participant pool and sign up for my study. I will also recruit participants online who voluntarily complete the survey. Participants must have at least a Facebook or Instagram account. I will include participants between the ages of 18-60. Participants who complete an online survey but are under 18 years of age and over 60 years of age will not be included. The present study aims to examine motivation for social media use across demographics, but excludes those under 18 and over 60 because of consent purposes and relevance to the effects of social media use and psychological well-being.

12. Describe the minimum number of eligible subjects needed for the proposed research or the anticipated number that will participate.

250. This number is based on previous studies which used similar variables and research design.

13. Describe any compensation of subjects or indicate if there is no compensation. SONA credits are considered compensation. If subjects are compensated explain details should the subject not complete or withdraws from the research activity.

SONA credit for CCSU students.

No compensation for non-CCSU participants.

Because we intend to present and publish this study outside the CSU system, we would like to make sure that we have the sufficient number of participants, and because we may not get all the participants from CCSU, we would recruit from social media; though we hope that we may get most of our participants from CCSU.

14. Describe research procedures. Procedures include interviews, self-administered surveys or questionnaires, focus groups, psychometric or educational testing, follow-up for longitudinal studies. Procedures can also include web-based data collection, analyzing data obtained from institutional records or secondary data sources both publically available or with limited access. Attach a copy of the materials that will be used for collecting data.

Participants will be administered a set of online surveys including consent form and demographics. Research procedure involves an online documentation of the following surveys

1. Informed Consent (see Appendix A): to receive a consent

2. A demographic form that measures (see Appendix C): to receive demographic data of the participants
 3. A self-report measure of Grandiose Narcissism Scale (see Appendix D)
 4. A self-report measure of Hypersensitive Narcissism Scale (see Appendix E): measures Vulnerable Narcissism
 5. A self-report measure of Selfie Posting Motivation Measure (see Appendix F)
 6. A self-report measure of Empathy Gradient Questionnaire (see Appendix G)
 7. Debriefing script (see Appendix H): to debrief the participant of the goal of the study
15. Describe who will administer the proposed research procedures, where and when procedures will take place, and the frequency and duration of visits /sessions for the research.

The data will be collected online by sending electronic links to the surveys. The Lead Investigator, _____ may also administer the proposed research procedures in person. This will be done on the CCSU campus in rooms designated in SONA and/or in psychology department for running participants

16. If applicable, describe any audio or video recording that will occur and the purpose.
No audio or video recording will take place.
17. If applicable, describe if any deception or incomplete disclosure of informed consent will take place and explain the rationale.
Deception: The design of my study requires that the participants are not told the real goal of the study or else their responses may be affected in a way that will make the result from the study uninterpretable. Each participant will receive a debriefing explaining the goals of the study (see Appendix H for debriefing.)
18. Describe all potential risks and discomforts associated with participation whether physical, psychological, economic or social (e.g., pain, stress, invasion of privacy, embarrassment, breach of confidentiality).
There are no known risks of physical or psychological damage associated with participating in this study. This judgment is based on a large body of experience with similar types of research study. A possible inconvenience is that some participants have found similar tasks to be slightly fatiguing.
19. Describe measures that will be implemented to minimize risks and discomforts to subjects.
I will provide the contact detail of CCSU's Wellness and Counseling Center if they experience any potential risks.
20. Describe any potential benefits to the individual subjects, group of subjects, and/or society. If there is no direct benefit to subjects it should be stated. NOTE: Compensation/payment for participation is not considered a benefit.
Participating in this study will not benefit participants directly. However, their participation will help us to advance general understanding about the psychological process involving the variables that we plan to study in the proposed research project.
21. Describe what identifiable data will be obtained from the subjects. Audio, photo, and video recordings are generally considered identifiable unless distinguishing features are masked.
No identifiable data will be obtained from participants.
22. Describe how confidentiality of subject information will be maintained and how long research data will be kept. Maintaining confidentiality of subject information can be managed by limiting access to research records, securing records on password protected computer, saving data in encrypted files, storing information in a locked cabinet, etc.
For collecting data through online survey: Participants' information including the IP address of the computers they will use to take the surveys will be kept anonymous. No identifying information about the participants will be directly linked to their data. If there is an indirect connection between participants' identifying information and the data collected from them, any such link or connection either after data collection, or data analysis, if that link is necessary to correctly analyze the data, will be removed. No overall survey results will be linked with particular

participants. All digital data files will be saved on a computer that is password protected. Only the principal and the lead investigator will have access to the data.

SECTION V – Informed Consent Process

23. Check the space next to the informed consent process option for this proposed research and attach a copy of the consent form, script, or statement for the option. If not applicable enter N/A Click or tap here to enter text.

<input type="checkbox"/>	1. Subjects will be given the standard consent form to read, sign, and return to researcher(s).
<input checked="" type="checkbox"/>	2. Subjects will be given an information sheet to read.
<input type="checkbox"/>	3. Subjects will be briefed orally by the researcher and given an information sheet.
<input type="checkbox"/>	4. Subjects will only be briefed orally.
<input checked="" type="checkbox"/>	5. Subjects will be given an online survey consent statement to read and acknowledge.
<input type="checkbox"/>	6. Subjects will be given a short form consent with a witness to the oral presentation.
<input type="checkbox"/>	7. Request to waive informed consent.

24. If requesting a waiver for documentation of informed consent for options 2, 3, 4, 5, and 6 above, check the space next to the appropriate condition below to justify the waiver. If not applicable enter N/A Click or tap here to enter text.

<input type="checkbox"/>	The only record linking the subject and the research would be the consent document and the principal risk would be potential harm resulting from a breach of confidentiality.
<input type="checkbox"/>	The research presents no more than minimal risk of harm to subjects and involves no procedures for which written consent is normally required outside the research context.

25. Describe the process for obtaining parental/guardian permission and assent from a child for research involving children. Attach copy of parental/guardian permission form and child assent form.

N/A

SECTION VI – Investigator Certifications

1. **POTENTIAL CONFLICT OF INTEREST** - exists when there is a divergence between an individual's private interests and his or her professional obligations to CCSU such that an independent observer might reasonably question whether the individual's professional actions or decisions are determined by considerations of personal gain, financial or otherwise.

Each investigator will disclose all significant financial interests: (I) that would reasonably appear to be affected by the research, educational, or service activities or proposed for funding, by an external sponsor; or (II) in entities whose financial interests would reasonably appear to be affected by such activities.

I certify that I am aware of this policy and have no conflicts to disclose.

Date and Initials: _____

Date and PI initials: _____

2. **Scientific Misconduct Statement:** I certify that I am aware the CCSU does not tolerate scientific misconduct as defined by the Public Health Service (PHS): "Misconduct in science is defined as (1) plagiarism, deception or other practices that seriously deviate from those that are commonly accepted within the research community for proposing, conducting or reporting research; or (2) material failure to comply with federal requirements that uniquely relate to the conduct of research."

Date and _____

Date and PI initials: _____

3. If applicable, the PI as a faculty advisor must certify that he or she has reviewed the student's proposed research application and assures that the application is complete and the information contained accurate, confirms the integrity of the student's proposed research design, and that rights and welfare of the research subjects are protected at all times.

Date and PI initials: _____ Date and PI initials: _____

SECTION VII – IPSF Checklist of submission materials.

Check each appropriate box before sending submission materials.

- The relevant sections of the IPSF are complete.
- Attached is a copy of each informed consent document, parent permission form, and assent or oral consent script if applicable.
- Attached are all required gatekeeper letters and/or external IRB information and documentation for any planned external collaborations.
- Attached are copies of all measures, survey instruments, interview guides/questions, and questionnaires, etc.
- Attached are copies of all of all recruitment materials including oral scripts, email notices, web postings, flyers, etc., survey instruments, interview guides/questions, and questionnaires, etc.
- Attached is a copy of an ethics tutorial completion certificate for each member of the research team (e.g.; CITI or NIH).

Date and PI initials: _____ Date and PI initials: _____

SECTION VIII – Additional Information

Click or tap here to enter text.

Appendix A: Information Sheet for Participants



Information Sheet for Participation in a Research Study

Department of Psychological Science, CCSU

Lead Investigator: _____ | Email: _____

Principal Investigator: _____ | Email: _____ | Phon _____

Study Title: Effect of social media on psychological well-being

Introduction

You are being asked to participate in a research study, which will help us to better understand the relationship that motivations for social media use has on psychological well-being.

In order to decide whether or not you wish to be a part of this research study you should know enough about its risks and benefits to make an informed judgment. This information sheet gives you detailed information about the procedures of the study. Once you understand the procedures, you will be asked if you wish to participate. Please take time to review the information provided in this form.

Why is this study being done?

The purpose of this study is to deepen our understanding of how motivation for social media use is relevant to personality traits.

What are the study procedures? What will I be asked to do?

You will receive a set of surveys administered on a computer. You will first be requested to provide your informed consent, if you will be willing to do so. Then, we will collect some demographic information. Then, we will administer a couple of electronic surveys. This study should take 15-20 minutes to complete. The results of your performance will be analyzed at some time after you complete the experiment. The experiment should take 30 – 60 minutes to complete.

What are the risks or inconveniences of the study?

There are no known risks of physical or psychological damage associated with your participation. This judgment is based on a large body of experience with similar studies. A possible inconvenience is that some participants have found similar tasks to be slightly fatiguing, or to experience a mild level of stress or emotional arousal.

If needed, you will be directed to the University's Counseling and Wellness Center located in Marcus White Hall, Room 205 for further assistance. Phone number (860) 832-1945.

What are the benefits of the study?

Participating in this study will not benefit you directly. However, your participation will help us to advance general knowledge about the motivations for social media usage and how they are related to personality traits in individuals.

Will I receive any compensation for participation?

You will receive SONA credit if you are a CCSU students.

You will not receive any compensation if you not a CCSU participants.

How will my personal information be protected?

No personal information gathered in this study will be given to anyone other than the investigators. No personally identifying information will be associated with the data we collect from you. Instead, a number will be assigned to identify your data. Your name or any other identifiers will not be used when any of the data contributed by you are published. The data collected however, may be used as part of publications and papers related to this topic, as well as for my Masters' thesis.

You should also know that the Human Studies Council (HSC) at Central Connecticut State University, CT may inspect study records as part of its auditing program, but these reviews will only focus on the researchers and not on your responses or involvement. The IRB is a group of people who review research studies to protect the rights and welfare of research participants. Any electronic copy will be kept in password-protected computers. Only [redacted] and [redacted] will have access to these records.

Can I stop participating in the study, and what are my rights?

You do not have to participate in this study if you do not want to. If you agree to be in the study, but later change your mind, you may drop out at any time. There are no penalties or consequences of any kind if you decide that you do not want to participate or discontinue your participation.

Whom do I contact if I have questions about the study?

We will be happy to answer any questions you have about this study. If you have questions about this project or if you have a research-related problem, you may contact the lead investigator [redacted] at [redacted] or the principal investigator [redacted] a [redacted]. If you have questions about your rights as a research participant or if you have a research related complaint, please contact CCSU Human Studies Council at (001)860-832-2376, or email at hsc@ccsu.edu. An HSC/IRB (Institutional Review Board) is a group of people that reviews research studies and protects the rights of people involved in research.

Authorization: You have read the above information and you have decided that you will participate in the project described above. The researcher has explained the study to me and answered my questions. You know what will be asked of you. If you choose not to participate, there will be no penalty or loss of benefits. You can stop participating at any time, even after you have started.

I have read the Informed Consent form above, and I voluntarily agree to participate in this study. I acknowledge that I am at least 18 years of age, or have filed parental consent form.

Appendix B: Recruitment E-Mail/Online Posting for Informed Consent

Hello!

I am currently enrolled in the Master's graduate program in Health Psychology at Central Connecticut State University. As part of the program's requirements, I am conducting a study that is taking place between February and April 2019. I am investigating how social media use relates to personality traits.

Completion of these measures should take approximately 15-20 minutes at most. I am recruiting undergraduate students at CCSU as well as friends, family, co-workers, etc. to participate.

Thank you in advance for your time and consideration.

Sincerely,

Department of Psychological Science, CCSU

Appendix C: Demographics

1. Please type in your age in years (for example 18 years 6 months)
2. Please specify your gender
 - Female
 - Male
 - Other
3. Please specify your racial/ethnic background
 - Hispanic or Latino
 - Caucasian
 - African American
 - Asian/ Pacific Islander
 - Native American
 - Other
- 4.) Please indicate if you have a Facebook or Instagram account
 - Facebook
 - Instagram
 - Both
 - Neither
- 5.) Please specify how long you have been using Facebook or Instagram
 - Less than 6 months
 - Between 7-12 months
 - 1-3 years
 - 7-10 years
 - 10-15 years
- 6.) In terms of education and income, would you say you or your parents (if under 25) are:
 - A. Upper class
 - B. Upper-middle class
 - C. Middle class
 - D. Lower-middle class
 - E. Working class
 - F. Decline to answer
8. Please specify your education level (If currently enrolled, indicate your highest level completed)
 - High school (GED or Diploma)
 - Some college
 - Associates degree
 - Bachelor's degree
 - Graduate degree
 - Professional degree
 - Doctorate degree
 - Decline to answer
- 7.) Please specify your average Facebook and/or Instagram Social Media Use per day (Time)
 - Less than one hour
 - 2-4 hours
 - 5-7 hours
 - More than 8 hours

8.) Please choose, on average, how often you post selfies (pictures of oneself)

- Less than once a month
- 1-2 times a month
- 3-5 times a month
- 6-10 times a month
- 10-15 times a month
- 16-20 times a month
- More than 20 times a month
- I don't post selfies

Appendix D: Grandiose Narcissism Scale

doi: <http://dx.doi.org/10.1037/t37662-000>

Grandiose Narcissism Scale GNS

Items

aut1	I like to be in charge of things.
aut2	I lead rather than follow.
aut3	I naturally take charge in situations.
aut4	I have a take charge personality.
aut5	I am a natural born leader.
suf1	I don't rely on other people to get things done.
suf2	When something needs to be done, I do it on my own.
suf3	I get irritated when I have to depend on other people.
suf4	I don't like to depend on other people to do things.
suf5	I like to do things on my own.
sup1	I'm more talented than most other people.
sup2	I'm better than other people at most things.
sup3	If it's just me versus another person, I almost always win.
sup4	I'm a superior person.
sup5	I have more going for me than most people.
van1	I care about how good I look.
van2	I try to look as attractive as possible when I leave the house.
van3	Looking good is important to feeling good.
van4	My looks are important to me.
van5	I think it's important to look as good as possible.
exh1	I do things that grab people's attention.
exh2	I do things that get people to notice me.
exh3	I make myself the center of attention.
exh4	I can be a showoff.
exh5	I do things to get attention.
ent1	I expect to be treated better than average.
ent2	The level of treatment I expect is higher than what most other people expect.
ent3	I deserve to get what I want.
ent4	I expect people to bend the rules for me.
ent5	I deserve more out of life than other people.
exp1	I'll do whatever it takes to get ahead, even if it means some people get hurt.
exp2	If I have to take advantage of somebody to get what I want, so be it.
exp3	I can be pretty manipulative.
exp4	I'm willing to manipulate others to get what I want.
exp5	I've been known to use people to get what I want.

Note . This 33-item measure utilizes a 6-point Likert-type scale (1 = *strongly disagree* , 6 = *strongly agree*).

Appendix E: Hypersensitive Narcissism Scale

Hypersensitive Narcissism Scale HSNS

Items

I can become entirely absorbed in thinking about my personal affairs, my health, my cares or my relations to others.

My feelings are easily hurt by ridicule or by the slighting remarks of others.

When I enter a room I often become self-conscious and feel that the eyes of others are upon me.

I dislike sharing the credit of an achievement with others.

I dislike being with a group unless I know that I am appreciated by at least one of those present.

I feel that I am temperamentally different from most people.

I often interpret the remarks of others in a personal way.

I easily become wrapped up in my own interests and forget the existence of others.

I feel that I have enough on my hands without worrying about other people's troubles.

I am secretly "put out" when other people come to me with their troubles, asking me for my time and sympathy.

I talk a good deal about myself, my experiences, my feelings and my ideas.

I have great faith in my own ideas and my own initiative.

Appendix F: Selfie Posting Motivations Measure

Selfie Posting Motivations Measure

Items

Attention seeking

- To attract attention
- To be acknowledged by others
- To gain self-confidence from others' reaction
- To have my existence reaffirmed by others
- To show off
- To seek attention from the opposite sex

Communication

- To keep in touch with friends
- To communicate with family and relatives
- To build intimacy with friends and acquaintances
- To communicate with friends and acquaintances
- To communicate with others

Archiving

- To record a specific moment
- To record my everyday life
- To record a special day
- To record my life in general
- To record my interests and hobbies

Entertainment

- To be entertained when I'm bored
- To pass time
- To refresh myself

Note. Items are rated on a 7-point Likert scale (1 = strongly disagree; 7 = strongly agree).

Appendix G: Empathy Gradient Questionnaire

Empathy Gradient Questionnaire EGQ

Items

Family Empathy

1. I become upset when a relative is sick or hurt.
2. I constantly worry about my parents or children.
3. I often think about my siblings and cousins.
4. When I hear that a relative is in trouble, I get upset.

Friend Empathy

1. I become very upset when a friend is sick or hurt.
2. I worry about what happens to my friends.
3. I often think about my friends.
4. I become distressed when a friend is in trouble.

Peer Empathy

1. I become upset when I see someone hurt, even when I do not know the person very well.
2. I worry about what happens to all of my co-workers.
3. I often think about what happens to each of my fellow employees.
4. I become distressed when a colleague is in trouble.

Distant Other Empathy

1. I become upset when I see televised coverage of wars.
2. I worry about people living in poverty overseas.
3. I often think about oppressed people around the world.
4. I often think about inmates in prisons.
5. I worry about the homeless people in this country.
6. Pictures of refugees upset me.

Species Empathy

1. I become upset when I see a dog outside in the cold.
2. I worry about the destruction of tropical rainforests.
3. I often think about the squirrels and birds outside.
4. When I see a dead animal on the highway, I become upset.
5. I am concerned about the plight of endangered species.

Note. Items utilized a 1 to 5 Likert-type agreement scale, with a "1" representing I very much disagree, and "5" representing I very much agree.

Species Empathy will be left out of the survey because of its relevance to the study

Appendix H: Debriefing

Effect of social media on psychological well-being

Thank you for participating in this study! The general purpose of this study is to examine trait narcissism and empathy in the context of motivations for using social media. The following study assesses personality traits within a non-clinical population.

All of your responses and information are confidential. If you have any concerns about confidentiality please reach out to the principal investigator: _____

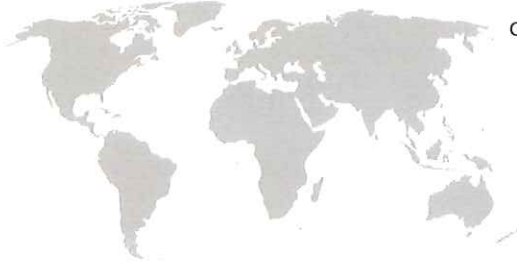
If you feel especially concerned or would like to discuss some emotions that arose during the study the University's Counseling and Wellness Center is located in Marcus White Hall, Room 205. Phone number (860) 832-1945.

Thank you for your participation in this study! Your participation helps advance knowledge on how social media is related to personality traits.

If you have any additional questions or concerns please reach out to the principal investigator, _____
at _____

Click or tap here to enter text.

Appendix I: Ethic Certification of the PI



Completion Date
Expiration Date
Record ID

This is to certify that:

Has completed the following CITI Program course:

Social & Behavioral Research - Basic/Refresher (Curriculum Group)
Social & Behavioral Research - Basic/Refresher (Course Learner Group)
1 - Basic Course (Stage)

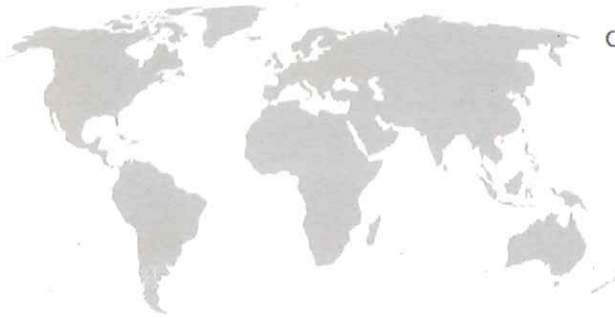
Under requirements set by:

Central Connecticut State University



Verify at www.citiprogram.org/verify/?w5dd4af3f-1297-4055-bc0a-c3b8e8fd4159-27085455

Appendix J: Ethic Certificate of the LI



Completion Date _____
Expiration Date _____
Record ID _____

This is to certify that:

Has completed the following CITI Program course:

Human Subjects Research (Curriculum Group)
Group 2: Faculty/Graduate Students - Human Subjects Research (Course Learner Group)
1 - Basic (Stage)

Under requirements set by:

Central Connecticut State University



Verify at www.citiprogram.org/verify/?w3acd7bc7-7e21-49c8-999f-ba9c08d01394-29594834

Classroom Research Declaration Form

To be consistent with federal regulations (45 CFR 46) regarding the definition of "human subject research" (read the following section from Code of Federal Regulation: [45 CFR 46](#)) and the guidelines by CCSU's HSC, your PSY 597 project work is officially not considered as "research work or generalized research work," and is considered as "classroom research". Your instructor for the course () is given the responsibility to approve (or not approve) your IRB protocol application for your PSY 597 project (i.e., classroom research).

If you plan to present or publish your empirical results from PSY 597 project outside of the CSU system, your classroom research is considered as generalized research work, and you will be required to obtain official review and approval of your IRB protocol application from CCSU's HSC before you start to collect data.

You are also required to obtain official HSC review and approval of your application before you start to collect data if your classroom research (i.e., PSY 597 project):

- a) *poses more than minimal risk to participants, where minimal risk is described by HSC as the probability and magnitude of harm or discomfort anticipated from participation in the research is not greater than the risks one would encounter as a part of his/her daily life.*
- b) *involves collecting data from non-typical participants, for examples, minors, elderly people, those with a history of substance abuse, discrimination, etc.*

After reading the above text, check all the options that apply to your IRB protocol application.

- 1. I do not want review of my IRB protocol application by the HSC because my PSY 597 project, according to what is described above, is classroom research.
- 2. I want review of my IRB protocol application by the HSC because I want to present and publish the findings from my classroom research (i.e. PSY 597 project) outside of the CSU system.
- 3. I want review of my IRB protocol application by the HSC because my classroom research (i.e. PSY 597 project) may pose more than minimal risks to participants.
- 4. I want review of my IRB protocol application by the HSC because my classroom research (i.e. PSY 597 project) involves non-typical participants.

By writing my name below I certify that I have read and understood the above text, and have provided my response truthfully.

Name _____

Date _____