

COVER SHEET FACULTY & STAFF INVESTIGATORS Submit all research documents via SharePoint (See "Submission Process" at www.gonzaga.edu/IRB)				
I. PRINCIPAL INVESTIGATOR (PI)				
Principal Investigator Name: NAME OF PI				
Department:	PSYCHOLOGY	School/College:	Arts & Sciences	Email: MUST BE A GONZAGA EMAIL
II. CO-PI(s) (if applicable):				
CO-PI Name: INFORMATION FOR CO-PI (If applicable)				
Department:	<input type="text"/>	School/College:	<input type="text"/>	Email: <input type="text"/>
CO-PI Name: <input type="text"/>				
Department:	<input type="text"/>	School/College:	<input type="text"/>	Email: <input type="text"/>
III. PROTOCOL INFORMATION				
TITLE OF THE PROJECT: Social Discounting & Anonymity (Please be sure the title and PI name(s) are consistent across all materials submitted.)				
ANTICIPATED START DATE: 12/01/2020 (The start date should <u>NOT</u> be earlier than the review date for your protocol.)				
ANTICIPATED END DATE: 5/30/2021				
IV. ABSTRACT				
Provide a brief (about one paragraph) abstract in layman's terms that includes study goals, background, and methods used for this research: <input type="text"/>				
<p>Social discounting measures how much people are willing to share a reward with others and can be interpreted as a measure of generosity, sharing and/or altruism. When the social distance between two people increases, sharing decreases. Previous experiments have shown that the presence of another person can differentially change behavior for Japanese and US participants. In these studies, Japanese participants are generally more sensitive to changes in the social context (e.g., the implied presence of others - anonymity), relative to US participants. However, the concept of anonymity has not been compared with Japanese participants, relative to US participants during a social discounting task (i.e., sharing). Approximately 100 Gonzaga University students will be randomized into one of 3 experimental groups, based on anonymity (anonymous, observed, or standard). All participants will complete an online social discounting task, a self-construal measure, and demographic questionnaire. Social discounting (sharing) values will be compared between Gonzaga University and Meisei University students to determine if anonymity differentially affects sharing between US and Japanese participants.</p>				

V. ASSURANCES AND SIGNATURES

- **SIGNATURE \$:** 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."
- **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 Principal Investigator, I understand the following (please check):

<input checked="" type="checkbox"/>	Each researcher has completed either CITI or NIH* training within 4 years prior to submitting this protocol. *Note that NIH will no longer be accepted after Oct. 1, 2021
<input checked="" type="checkbox"/>	This research will not begin until a determination is received from the Gonzaga IRB.
<input checked="" type="checkbox"/>	I will personally conduct or supervise this research in accordance with state law, policies and procedures, and regulations presented in the Code of Federal Regulations (CFR) Title 21 Parts 50, 56, 312 and 812 / Title Part 46 and Title 45 Parts 160-164 (the HIPAA Privacy Rule).

INVESTIGATOR(S)

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

If you type your name, you MUST send an email that says, "My typed name indicates my signature."

Type Name	Principal Investigator Signature	Date
_____	_____	_____

Type Name	Co-Principal Investigator Signature	Date
_____	_____	_____

Type Name	Co-Principal Investigator Signature	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/ohrt/regulations-and-policy/regulations/45-cfr-46/index.html#46.111>).

If you type your name, you MUST send an email that says, "My typed name indicates my signature."

Type Name	Signature of DEPARTMENT CHAIR OR SUPERVISOR	Date
_____	_____	_____

EXEMPT RESEARCH PROTOCOL

You should allow approximately 2 weeks for the review of Exempt research protocols.

DATE: 12/1/2020

NAME: PI NAME

PROTOCOL STUDY TITLE: Social Discounting & Anonymity

Note: The same title should appear on all documents related to the research unless participants will be debriefed about omission or deception.

Some projects are exempt from *federal regulations for the protection of human research subjects.*

CRITERIA:

Exempt determinations will be made when the project is minimal risk, and the **ONLY** involvement of human research subjects falls within one or more of the federally established exempt categories in 45CFR46.101(b).

According to the federal definition, “*minimal risk* means that the probability and magnitude of harm or discomfort anticipated in the research are not greater in and of themselves than those ordinarily encountered in daily life or during the performance of routine physical or psychological examinations or tests.”

Note that IRB submissions are not needed for projects that **ONLY** involve publicly-available data, data in public records, or datasets with no identifying information. For more information, see the IRB website, specifically the FAQ on data that has been stripped of identifying information.

DIRECTIONS: This form is to be submitted to the Gonzaga Institutional Review Board (IRB) before the initiation of a project that may be exempt from regulatory oversight. The information you provide on this form and the materials you submit will be evaluated to determine whether they meet the criteria to be exempt from IRB oversight and that participants are treated in accordance with the principles of the Belmont Report.

SECTION I: PROJECT OVERVIEW

1. Specify all sites involved.

- Gonzaga -- Within your department or division (If this is the only site, skip to Section II.)
- Gonzaga – Outside of your department or division. Please specify:
- Outside of Gonzaga - Please specify:

If your project is conducted outside of your department or division at Gonzaga, you may need a letter of support or permission. See FAQ #12 on the IRB website for more information.

SECTION II: EXEMPT CATEGORIES FOR HUMAN SUBJECTS RESEARCH

- Please indicate categories into which your research falls with a checkmark in the left column and by answering all questions in that section.
- Mark as many as apply.

CATEGORY 1

Research conducted in established or commonly accepted educational settings, involving normal educational practices, such as (i) research on regular and special educational instructional strategies, **or** (ii) research on the effectiveness of or the comparison among instructional techniques, curricula, or classroom management methods. [45CFR46.101(b)(1)]

A. Will the researchers use their current students or trainees as subjects?

Yes Please explain what additional measures will be taken to ensure that participants do not feel pressured or coerced during recruitment for or participation in the research:

No Have you received permission from the instructor, department head, or facility where the research will take place?

Yes

No I will seek permission before initiating the research.

N/A Please explain:

B. Please explain how you have ensured that the research does not adversely impact students' opportunity to learn required educational content or the assessment of educators who provide instruction.

- **After answering these questions, skip to the next category. If your research does not also fall within another exempt category, skip to Section III and answer the additional questions.**

CATEGORY 2

Research involving the use of educational tests (cognitive, diagnostic, aptitude, achievement), survey procedures, interview procedures or observation of public behavior.[45CFR46.101(b)(2)]

	<p>A. Will you or any investigators use your current students or trainees as subjects?</p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> Yes Please explain what additional measures will be taken to ensure that participants do not feel pressured or coerced during recruitment for or participation in the research:</p> <p>B. Will your research involve children in survey procedures, interview procedures, or observation of public behavior when the investigator(s) participate in the activities being observed?</p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> Yes This study does not meet the criteria for exemption. Please submit an application for Non-Exempt research.</p> <p>C. Will you record information in a way that human subjects can be identified, directly or through identifiers linked to the subjects? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Note: Audio/video recordings and images of people are identifying information.</i></p> <p>D. Could any disclosure of the subjects' responses outside the research reasonably place the subjects at risk of criminal or civil liability or be damaging to the subjects' financial standing, employability, insurability, or reputation?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If you answered Yes to BOTH C and D above, the study does not meet the criteria for exemption. Please submit an application for Non-Exempt research.</p> <p>➤ After answering these questions, skip to the next category. If your research does not also fall within another exempt category, skip to Section III and answer the additional questions.</p>
<p>CATEGORY 3 (new in 2019)</p> <p><input checked="" type="checkbox"/></p>	<p>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 audio/visual recording.</p> <p>Notes:</p> <ul style="list-style-type: none"> • <i>“benign behavioral interventions” include benign manipulations of individuals or their environment, provided that the interventions or manipulations are “brief in duration, harmless, painless, not physically invasive, not likely to have a significant adverse lasting impact on the subjects, and the investigator has no reason to think the subjects will find the interventions offensive or embarrassing”</i>

- *Examples of such benign behavioral interventions would include having the subjects play an online game, having them solve puzzles under various noise conditions, or having them decide how to allocate a nominal amount of received cash between themselves and someone else.*
- *This exemption category also includes survey and interview research where the researcher provides a stimulus in order to prompt a response from the subject.*
- *Examples of activities that would not qualify for this exemption include personally intrusive questions, mental health questionnaires, disturbing images, or being presented with scenarios likely to trigger a strong negative emotion (e.g., distress).*

A. Will subjects prospectively agree to the information collection in an informed consent process?

- Yes Explain the informed consent process in Section III.
- No This study does not meet the criteria for exemption. Please submit an application for Non-Exempt research.

B. Will you record information in a way that human subjects can be identified, directly or through identifiers linked to the subjects? Yes No

Note: Audio/video recordings and images of people are identifying information.

C. Could any disclosure of the subjects' responses outside the research reasonably place the subjects at risk of criminal or civil liability or be damaging to the subjects' financial standing, employability, insurability, or reputation?

- Yes No

If you answered **Yes to BOTH B and C above**, the study does not meet the criteria for exemption. **Please submit an application for Non-Exempt research.**

D. Does the research involve deceiving the subjects regarding the nature or purposes of the research?

- No (Proceed to next question)
- Yes Explain how subjects are *informed of, and agree to, any deception prior to participation*. Be sure to address anything the participants will be unaware of or misled regarding the nature or purposes of the research:

➤ **After answering these questions, skip to the next category. If your research does not also fall within another exempt category, skip to Section III and answer the additional questions.**

<p>CATEGORY 4 (Revised in 2019)</p> <p><input type="checkbox"/></p>	<p>Secondary research involving <u>identifiable</u> information or <u>identifiable</u> biospecimens for which consent is not required because the investigator will have no contact with the subjects:.</p> <p>Notes:</p> <ul style="list-style-type: none">• <i>The data does not have to be pre-existing. Prospective data may be used, if that data is <u>not collected for research purposes</u>, such as routine medical and academic records.</i>• <i>Use of medical record data may still be subject to the Health Information Portability and Accountability Act (HIPAA), even if determined exempt under these criteria.</i>• <i>Use of academic record data may still be subject to the Family Educational Rights and Privacy Act (FERPA), even if determined exempt under these criteria.</i> <p>A. Are data/biological specimens pre-existing?</p> <p><input type="checkbox"/> No Skip to part C</p> <p><input type="checkbox"/> Yes Continue to part B below.</p> <p>B. Were data/biological specimens originally collected solely for research purposes?</p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> Yes This study <u>cannot be considered exempt</u> under Category 4</p> <p>C. Which of the following will be included in your research? (Select all that apply and provide details about your selections below.)</p> <p><input type="checkbox"/> Identifiable private information or identifiable biospecimens that are or will be publicly-available;</p> <p><input type="checkbox"/> Information, which may include information about biospecimens, that are or will be recorded by the investigator in such a manner that the identity of the human subjects <u>cannot readily be ascertained directly or through identifiers linked</u> to the subjects, the investigator <u>does not contact</u> the subjects, and the investigator <u>will not re-identify</u> subjects;</p> <p><input type="checkbox"/> The research involves only information collection and analysis involving the investigator's use of <u>identifiable health information when that use is regulated</u> under 45 CFR parts 160 and 164, subparts A and E, for the purposes of "health care operations" or "research" as those terms are defined at 45 CFR 164.501 or</p>
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	<p>for “public health activities and purposes” as described under 45 CFR 164.512(b);</p> <p><input type="checkbox"/> 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, 44 U.S.C. 3501 note, if all of the identifiable private information collected, used, or generated as part of the activity will be maintained in systems of records subject to the Privacy Act of 1974, 5 U.S.C. 552a, and, if applicable, the information used in the research was collected subject to the Paperwork Reduction Act of 1995, 44 U.S.C. 3501 et seq.</p> <p>For each group selected above, please explain the nature and source of the data/samples:</p> <p>Also explain whether or not the secondary analysis will include identifying information.</p> <p>If none of the options in question C pertains to your research, this study <u>cannot be considered exempt under Category 4.</u></p> <p>D. Will either of the following will be included in your research?</p> <p><input type="checkbox"/> FDA regulation <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input type="checkbox"/> Targeted recruitment of prisoners <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If you answered “yes” to either option in part D, your research <u>cannot be considered exempt under Category 4</u></p> <p>➤ After answering these questions, skip to the next category. If your research does not also fall within another exempt category, skip to Section III and answer the additional questions.</p>
<p>CATEGORY 5</p> <p><input type="checkbox"/></p>	<p>Research and demonstration projects which are conducted by or subject to the approval of Department or Agency heads, and which are designed to study, evaluate, or otherwise examine:</p> <p>(A) public benefit or service programs;</p>

	<p>(B) procedures for obtaining benefits or services under those programs;</p> <p>(C) possible changes in or alternatives to those programs or procedures; or</p> <p>(D) possible changes in methods or levels of payment for benefits or services under those programs. [45CFR46.101(b)(5)].</p> <p>The program under study must deliver a public benefit (for example, financial or medical benefits as provided under the Social Security Act) or service (for example, social, supportive, or nutrition services as provided under the Older Americans Act).</p> <p>The research or demonstration project must be conducted pursuant to specific federal statutory authority, must have no statutory requirement that an IRB review the project, and must not involve significant physical invasions or intrusions upon the privacy of the subjects.</p> <p>This exemption is for projects conducted by or subject to approval of Federal agencies and requires authorization or concurrence by the funding agency.</p> <p>➤ After answering these questions, skip to the next category. If your research does not also fall within another exempt category, skip to Section III and answer the additional questions.</p>
<p>CATEGORY 6</p> <p><input type="checkbox"/></p>	<p>Taste and food quality evaluation and consumer acceptance studies,</p> <p>(A) if wholesome foods without additives are consumed; or</p> <p>(B) if a food is consumed that contains a food ingredient at or below the level and for a use found to be safe, or agricultural, chemical, or environmental contaminant at or below the level found to be safe, by the Food and Drug Administration or approved by the Environmental Protection Agency or the Food Safety and Inspection Service of the U.S. Department of Agriculture. [45CFR46.101(b)(6) and 21 CFR 56.104(d)]</p> <p>➤ After answering these questions, skip to Section III and answer the additional questions.</p>

SECTION III: ADDITIONAL QUESTIONS

1. Will you manipulate or interact with individuals to collect data (i.e., prospective collection of data/specimens)? Yes No

- A. Which stakeholder groups do you plan to interact with? Specify any pertinent eligibility criteria for each stakeholder group (e.g., years worked, etc.) Undergraduate students at Gonzaga University enrolled in PSYC 101 during the fall 2019 semester.
- B. For each stakeholder group, answer the following questions:
- i. How will potential participants be identified and recruited? If surveys are to be emailed, specify how emails will be obtained, stored securely, and then disposed of:
Via the Psychology Department's SONA website, which contains a description of the basic research aims – "This study will ask you questions about how much money you would allocate to different people".
➤ *Attach recruitment materials, emails, flyers, etc.*
 - ii. How will participants be fully informed of this study prior to their participation (through the use of an informed consent form, study information sheet, letter, etc.);
Information Sheet
➤ *Attach Information Sheet or Informed Consent form, if applicable.*
 - iii. Explain the procedures that will be used to collect data from research participants.
 1. Social discounting procedure where participant makes up to 63 choices between a certain amount of money for themselves, or a certain amount of money for another person at a given social distance.
 2. 20-item Self-construal measure to determine any cultural differences for independence and/or interdependence, and
 3. Self-report Demographic measure to statistically control for any potential demographic differences.➤ *Attach all surveys, instruments, interview questions, etc.*
 - iv. Explain how subject privacy will be protected while data is being collected. For example, if interviewing, where will the interview be conducted? Data is electronically collected via the Qualtrics survey platform. Only investigators listed on the IRB cover sheet will have access to this data, which does not contain identifying information.

2. Will you access and analyze existing *data/specimens* (e.g., archived academic, medical or personnel records)?

Yes No (*Skip to Question 3.*)

If yes, answer parts A through F below for each stakeholder group:

Also note that the responsible PI on the cover sheet is tasked with ensuring that privacy regulations (e.g., HIPAA, FERPA) are followed in this study.

- A. Will a Data Use Agreement be executed to conduct this study? If yes, explain the process you are in to establish the Data Use Agreement and be sure all the answers below match the agreement.
- B. State the eligibility criteria for the records that will be included for each stakeholder group (e.g., age range, gender, language spoken, etc.).
- C. Specify the number of records being secured for purposes of the project:
- D. List the variables to be extracted from the records and included in the data sets:
- E. Will the *data/ specimens* be coded such that a link exists that could allow the source of the data/ specimens to be re-identified (i.e., key available to decipher the code)?
- N/A The provider of the data/ specimens will remove the code before sending the data/specimens to the researcher. (***Skip to question 3***)
- Yes, provide details that describe how the data are coded, by whom, and how the key is to be stored (if applicable).
Include any applicable documentation of agreements (e.g., if the holder of the key and the investigator have documented that the release of the key would be prohibited until the individuals are deceased, this document could be attached)
- No, the data/specimens will be identifiable. (Answer part F below.)
- F. Describe the safety measures in place for securing identifiable data (e.g. kept electronically in HIPAA-compliant secured servers, hard copies kept in PI files under lock and key.) Identify any and all persons with access to said data.

3. Will you be audio or video recording?

No Proceed to next question.

Yes Complete items A and B below.

A. How do you plan to protect the confidentiality of the audio or video recordings: will they contain subject names or images; where will they be kept; who will have access; will they be archived and if so, how; might they be used for secondary uses, and when will they be destroyed?

Be sure the informed consent document provides the same information to the participants and allows them to explicitly agree to the process of recording and also to any additional use of the video or audio files.

B. Could the information obtained or recorded about subjects place them at risk of criminal or civil liability or be damaging to the subjects' financial standing, employability, insurability, or reputation?

No Proceed to next question.

Yes This study does not meet the criteria for exempt research. *Please submit an application for Non-Exempt research.*

4. Will subjects be paid for participation in the study (e.g. monetary, meals, free services, gifts, course credit, including extra credit)?

No Proceed to next question.

Yes Complete items a. and b. below.

A. Explain the payment arrangements (e.g. amount and timing of payment and the proposed method of disbursement). NOTE: Payments must accrue and not be contingent upon completion of the study. However, a small payment (bonus) for completion of the study may be acceptable if it is found to not be persuasive for the subjects to remain in the study.

B. Justify the proposed payment arrangements described in part A above. (e.g., how this proposed payment arrangement is not considered to be coercive).

5. Will you include individuals in the following groups in your research? (Select all that apply. For each selection, explain preventative measures that you will take to prevent exploitation and/or coercion):

Individuals with diminished autonomy (e.g. children, people with limited ability to make decisions)

- Subordinates to the investigators (e.g., employees or students whose boss or teacher are conducting a study in their own setting)
- Speakers of a foreign language (e.g., individuals who could not complete the research tasks in English)
- Other vulnerable subjects. Please specify:

For each group selected above, please explain how they will be protected: **Students enrolled in my PSYC 101 course may participate in this study. However, because the data is de-identified, there is no way to connect specific students from my course to the obtained data.**

- None of the above

6. Will personally identifiable information be collected in your research? (i.e., emails or data linked to an identifier like a patient number or a physical address)

- No Proceed to next question.
- Yes Complete parts A and B below.

A. Explain how identifiable information will be kept confidential after it has been collected

B. Explain how long the data will be stored after it has been collected (this should be a minimum of 3 years; longer if required by the project's funding source federal regulations).

7. How will data be analyzed?

Explain the methods by which data will be analyzed to achieve project aims. Once data from both Gonzaga University and Meisei University is collected, we intend to use a 2 x 3 ANOVA (country x anonymity) to test for sharing differences between countries (US vs. Japan) and anonymity conditions (Anonymous, Observed, and Standard), along with any interaction between country and anonymity condition. Country will be a between groups factor, whereas anonymity will be both a between- and within-groups factor. Significant main effects will be followed up with post-hoc t-tests. Significant interactions will be followed up with additional one-way ANOVAs for each country by anonymity condition. Demographic data will be compared using nonparametric Mann-Whitney tests for continuous measures, and binomial logistic regression tests for categorical data (e.g., alcohol use). Significant demographic differences, including independence-interdependence, will be added as covariates to create a 2 x 3 ANCOVA to determine whether any observed sharing differences can be accounted for by demographic differences between the two samples.

Be sure the information in the protocol provides details that show how these analyses can be carried out. For example, if you state that you are going to conduct a dependent t test, be sure the reviewer can see how you will link the pre and post test information for each subject.

8. Are there any features of your participants, the setting, or your research that introduce potential risks that haven't been addressed yet on this form? Potential risks may include psychological, social, legal, physical, etc.

- No Proceed to the Submission Checklist
 Yes Complete items A and B below.

A. Explain how will you help to minimize potential risks that individuals maybe exposed to while participating in the project.

B. Explain how you have determined that the risk in this study is no more than the participants would encounter in a typical day.

SUBMISSION CHECKLIST:

- COVER SHEET—Faculty or Student version as appropriate (with all signatures/approvals)
- THIS FORM—With detailed answers that are cohesive throughout
- Letter(s) of permission, if applicable
- ALL INSTRUMENTS used in the project:
- Informed Consent (and/or Assent) documents **OR** an information sheet about the project
 - Recruitment script and/or materials
 - Additional information about the intervention, if an intervention is involved

SUBMISSION INSTRUCTIONS:

You can submit your protocol by going to www.gonzaga.edu/irb and clicking on the Submission Process tab. Go to "Submit Your Study Materials." This link takes you to the IRB SharePoint site where you fill out the required information and attach all your study materials.



INFORMATION SHEET FOR RESEARCH

Title of Project: Social Discounting & Anonymity

Principal Investigator:

PURPOSE OF THE RESEARCH

The purpose of this research is to determine how perceived anonymity influences choices about monetary resource allocation in different cultures.

About 100 people will take part in this research.

PROCEDURES

If you agree to participate in this study, you will be asked to complete a series of questionnaires that ask you to make choices between different hypothetical amounts of money and between people that you are more or less familiar with. You will also be asked to provide basic demographic information and answer 20 questions about how you perceive your relationship with others.

TIME TO PARTICIPATE

If you agree to be in this study, it will last no more than 30 minutes.

DISCOMFORTS AND RISKS

There are no known risks for participating in this type of research.

POTENTIAL BENEFITS

You will not directly benefit from being in this research study.

COSTS FOR PARTICIPATION

There are no costs for participating in this type of research.

COMPENSATION FOR PARTICIPATION

You will not be paid for being in this research study. You will receive 30 minutes of SONA credit towards your PSYC 101 research requirement for the fall 2019 semester.

STATEMENT OF CONFIDENTIALITY

Your research records that are reviewed, stored, and analyzed at Gonzaga University will be kept in a secured area in and will be stored on a password-protected personal computer. In the event of any publication or presentation resulting from the research, no personally identifiable information will be shared.

We will keep your participation in this research study confidential to the extent we are able. However, it is possible that the Gonzaga Institutional Review Board (a committee that reviews and approves research studies) may inspect and copy research records.

STUDY WITHDRAWAL

If you choose to participate, you are free to withdraw your permission for the use and sharing of your information at any time. You must do this in writing. Write to _____ and let him know that you are withdrawing from the research study. His email is romanowich@gonzaga.edu.

VOLUNTARY PARTICIPATION

Taking part in this research study is voluntary. You do not have to participate in this research. If you choose to take part, you have the right to stop at any time. If you decide not to participate or if you decide to stop taking part in the research at a later date, there will be no penalty or loss of benefits to which you are otherwise entitled.

CONTACT INFORMATION FOR QUESTIONS OR CONCERNS

You have the right to ask any questions you may have about this research. If you have questions, complaints or concerns or believe you may have developed an injury related to this research, contact _____.

For more information about participation in a research study and about the Institutional Review Board (IRB), a group of people who review the research to protect your rights, please contact the Gonzaga IRB at IRB@gonzaga.edu.

CONSENT/PERMISSION TO BE IN THE RESEARCH

Clicking the continue arrow below means that you have received and read this information, have asked the questions you currently have about the research and those questions have been answered.

Demographic Measures

AGE: _____

HEIGHT: _____

WEIGHT: _____

GENDER IDENTITY: FEMALE MALE

How would you describe yourself? (Select one)

_____ Latino/Hispanic/Mexican American

_____ Black/African-American

_____ Asian/Oriental/Pacific Islander

_____ American Indian/Native Alaskan

_____ White/Caucasian

_____ Middle Eastern

_____ Mixed race (two or more races)

Student Status (as of Fall 2019)

Full Time Student (enrolled in 12+ credit hours)

Part Time Student (enrolled in < 12 credit hours)

Employment (as of today; check all that apply):

Full Time (\geq 35 hours/week)

Part Time (< 35 hours/week)

Not currently employed

Which of the categories best describes your total annual combined household income from all sources? (Check one box)

Less than \$5,000

\$5,000 to \$9,999

\$10,000 to \$14,999

\$15,000 to \$19,999

\$20,000 to \$29,999

\$30,000 to \$39,999

\$40,000 to \$49,999

\$50,000 to \$59,999

\$60,000 to \$69,999

\$70,000 and over

Do you currently smoke cigarettes?

YES

NO

How many cigarettes do you smoke per day?

#____per/day (skip if non-smoker)

How many cigarettes did you smoke today? Yesterday?

#____today (skip if non-smoker)

#____yesterday (skip if non-smoker)

Do you currently use e-cigarettes?

- YES
- NO

Do you currently drink alcohol?

- YES
- NO

How many servings of alcohol do you drink, when drinking?
___per/day (skip if non-drinker)

How many servings of alcohol did you drink yesterday? The day before?
___yesterday (skip if non-smoker)
___the day before (skip if non-smoker)

Do you currently use any of the following recreational drugs?

Marijuana

- YES
- NO

Hallucinogens (LSD, Ayahuasca, DMT, Mushrooms, etc.)

- YES
- NO

Cocaine

- YES
- NO

Opioids (Prescription painkillers)

- YES
- NO

Methamphetamine

- YES
- NO

Independence-Interdependence Scale **Hashimoto & Yamagishi (2016)**

Rejection-Avoidance Scale

1. I find myself being concerned about what others think of me.
2. I find myself feeling anxious if people are watching me.
3. I often feel anxious about the nature of my relationships with others and their status as compared to mine.
4. I often behave in a way that will keep others from disliking me.
5. I sometimes get so anxious about what other people might think that I am prevented from doing what I really want to do.

Self-Expression Scale

6. I always express my opinions in a straightforward manner.
7. I would rather say explicitly what I really think than beat around the bush to avoid hurting someone's feelings.
8. I prefer to be direct and forthright when I talk with people.
9. I always make my position clear.
10. I always try to have my own opinions.

Harmony-Seeking Scale

11. I try to respect the feelings of others.
12. I value maintaining harmony with others.
13. I feel happy if I can be helpful to others, even if it doesn't benefit me.
14. I feel good when I cooperate with others.
15. I always try to put myself in other people's shoes when thinking about things.

Distinctiveness of Self Scale

16. I want to live my life differently from others.
17. I prefer to be different from others.
18. I want to live my own life free from others' control.
19. If it meant that I had to give up doing things as I like, I wouldn't ask someone for help.
20. I usually make my decisions only by myself.

*All items are rated on a 7-point scale ranging from 1 (does not describe at all) to 7 (describes very well).

Participant #

Please read the following paragraphs and then answer the questions that follow:

The following experiment asks you to imagine that you have made a list of the 100 people closest to you in the world ranging from your dearest friend or relative at position #1 to a mere acquaintance at #100. The person at number one would be someone you know well and is your closest friend or relative. The person at #100 might be someone you recognize and encounter but perhaps you may not even know their name.

You do not have to physically create the list—just imagine that you have done so.

Next you will be asked to make a series of judgments based on your preferences. On each line you will be asked if you would prefer to receive an amount of money for yourself OR an amount of money for the person listed. Please circle A or B for each line.

Participant #

Imagine you made a list of the 100 people closest to you in the world ranging from your dearest friend or relative at #1 to a mere acquaintance at #100.

Now imagine the following choices between an amount of money for you OR an amount for the #1 person on the list. Circle A or B to indicate which you would choose in EACH line.

- | | |
|------------------------------|---|
| 1. A. \$1,550 for you alone. | B. \$750 for the #1 person on the list. |
| 2. A. \$1,450 for you alone. | B. \$750 for the #1 person on the list. |
| 3. A. \$1,350 for you alone. | B. \$750 for the #1 person on the list. |
| 4. A. \$1,250 for you alone. | B. \$750 for the #1 person on the list. |
| 5. A. \$1,150 for you alone. | B. \$750 for the #1 person on the list. |
| 6. A. \$1,050 for you alone. | B. \$750 for the #1 person on the list. |
| 7. A. \$950 for you alone. | B. \$750 for the #1 person on the list. |
| 8. A. \$850 for you alone. | B. \$750 for the #1 person on the list. |
| 9. A. \$750 for you alone. | B. \$750 for the #1 person on the list. |

Participant #

Imagine you made a list of the 100 people closest to you in the world ranging from your dearest friend or relative at #1 to a mere acquaintance at #100.

Now imagine the following choices between an amount of money for you OR an amount for the #2 person on the list. Circle A or B to indicate which you would choose in EACH line.

- | | |
|------------------------------|---|
| 1. A. \$1,550 for you alone. | B. \$750 for the #2 person on the list. |
| 2. A. \$1,450 for you alone. | B. \$750 for the #2 person on the list. |
| 3. A. \$1,350 for you alone. | B. \$750 for the #2 person on the list. |
| 4. A. \$1,250 for you alone. | B. \$750 for the #2 person on the list. |
| 5. A. \$1,150 for you alone. | B. \$750 for the #2 person on the list. |
| 6. A. \$1,050 for you alone. | B. \$750 for the #2 person on the list. |
| 7. A. \$950 for you alone. | B. \$750 for the #2 person on the list. |
| 8. A. \$850 for you alone. | B. \$750 for the #2 person on the list. |
| 9. A. \$750 for you alone. | B. \$750 for the #2 person on the list. |

Participant #

Imagine you made a list of the 100 people closest to you in the world ranging from your dearest friend or relative at #1 to a mere acquaintance at #100.

Now imagine the following choices between an amount of money for you OR an amount for the #5 person on the list. Circle A or B to indicate which you would choose in EACH line.

- | | |
|------------------------------|---|
| 1. A. \$1,550 for you alone. | B. \$750 for the #5 person on the list. |
| 2. A. \$1,450 for you alone. | B. \$750 for the #5 person on the list. |
| 3. A. \$1,350 for you alone. | B. \$750 for the #5 person on the list. |
| 4. A. \$1,250 for you alone. | B. \$750 for the #5 person on the list. |
| 5. A. \$1,150 for you alone. | B. \$750 for the #5 person on the list. |
| 6. A. \$1,050 for you alone. | B. \$750 for the #5 person on the list. |
| 7. A. \$950 for you alone. | B. \$750 for the #5 person on the list. |
| 8. A. \$850 for you alone. | B. \$750 for the #5 person on the list. |
| 9. A. \$750 for you alone. | B. \$750 for the #5 person on the list. |

Participant #

Imagine you made a list of the 100 people closest to you in the world ranging from your dearest friend or relative at #1 to a mere acquaintance at #100.

Now imagine the following choices between an amount of money for you OR an amount for the #10 person on the list. Circle A or B to indicate which you would choose in EACH line.

- | | |
|------------------------------|--|
| 1. A. \$1,550 for you alone. | B. \$750 for the #10 person on the list. |
| 2. A. \$1,450 for you alone. | B. \$750 for the #10 person on the list. |
| 3. A. \$1,350 for you alone. | B. \$750 for the #10 person on the list. |
| 4. A. \$1,250 for you alone. | B. \$750 for the #10 person on the list. |
| 5. A. \$1,150 for you alone. | B. \$750 for the #10 person on the list. |
| 6. A. \$1,050 for you alone. | B. \$750 for the #10 person on the list. |
| 7. A. \$950 for you alone. | B. \$750 for the #10 person on the list. |
| 8. A. \$850 for you alone. | B. \$750 for the #10 person on the list. |
| 9. A. \$750 for you alone. | B. \$750 for the #10 person on the list. |

Participant #

Imagine you made a list of the 100 people closest to you in the world ranging from your dearest friend or relative at #1 to a mere acquaintance at #100.

Now imagine the following choices between an amount of money for you OR an amount for the #20 person on the list. Circle A or B to indicate which you would choose in EACH line.

- | | |
|------------------------------|--|
| 1. A. \$1,550 for you alone. | B. \$750 for the #20 person on the list. |
| 2. A. \$1,450 for you alone. | B. \$750 for the #20 person on the list. |
| 3. A. \$1,350 for you alone. | B. \$750 for the #20 person on the list. |
| 4. A. \$1,250 for you alone. | B. \$750 for the #20 person on the list. |
| 5. A. \$1,150 for you alone. | B. \$750 for the #20 person on the list. |
| 6. A. \$1,050 for you alone. | B. \$750 for the #20 person on the list. |
| 7. A. \$950 for you alone. | B. \$750 for the #20 person on the list. |
| 8. A. \$850 for you alone. | B. \$750 for the #20 person on the list. |
| 9. A. \$750 for you alone. | B. \$750 for the #20 person on the list. |

Participant #

Imagine you made a list of the 100 people closest to you in the world ranging from your dearest friend or relative at #1 to a mere acquaintance at #100.

Now imagine the following choices between an amount of money for you OR an amount for the #50 person on the list. Circle A or B to indicate which you would choose in EACH line.

- | | |
|------------------------------|--|
| 1. A. \$1,550 for you alone. | B. \$750 for the #50 person on the list. |
| 2. A. \$1,450 for you alone. | B. \$750 for the #50 person on the list. |
| 3. A. \$1,350 for you alone. | B. \$750 for the #50 person on the list. |
| 4. A. \$1,250 for you alone. | B. \$750 for the #50 person on the list. |
| 5. A. \$1,150 for you alone. | B. \$750 for the #50 person on the list. |
| 6. A. \$1,050 for you alone. | B. \$750 for the #50 person on the list. |
| 7. A. \$950 for you alone. | B. \$750 for the #50 person on the list. |
| 8. A. \$850 for you alone. | B. \$750 for the #50 person on the list. |
| 9. A. \$750 for you alone. | B. \$750 for the #50 person on the list. |

Participant #

Imagine you made a list of the 100 people closest to you in the world ranging from your dearest friend or relative at #1 to a mere acquaintance at #100.

Now imagine the following choices between an amount of money for you OR an amount for the #100 person on the list. Circle A or B to indicate which you would choose in EACH line.

- | | |
|------------------------------|---|
| 1. A. \$1,550 for you alone. | B. \$750 for the #100 person on the list. |
| 2. A. \$1,450 for you alone. | B. \$750 for the #100 person on the list. |
| 3. A. \$1,350 for you alone. | B. \$750 for the #100 person on the list. |
| 4. A. \$1,250 for you alone. | B. \$750 for the #100 person on the list. |
| 5. A. \$1,150 for you alone. | B. \$750 for the #100 person on the list. |
| 6. A. \$1,050 for you alone. | B. \$750 for the #100 person on the list. |
| 7. A. \$950 for you alone. | B. \$750 for the #100 person on the list. |
| 8. A. \$850 for you alone. | B. \$750 for the #100 person on the list. |
| 9. A. \$750 for you alone. | B. \$750 for the #100 person on the list. |