

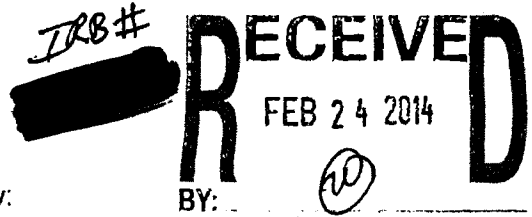
California State University, San Bernardino
Institutional Review Board

Application to Use Human Subjects in Research

1. PROJECT REVIEW

All applicants complete CITI Course in Human Subjects Online Training before submitting IRB application (see policy at <http://irb.csusb.edu/>).

- New project (ID # assigned by IRB):
- Revised project (Enter IRB ID #):
- Project Renewal (Enter IRB ID #):
- Date of most recent previous review:



2. DATA COLLECTION DATES: From 2/28/2014 to 3/8/2014
Note: Required information; must be future dates, i.e., after IRB approval.

3. INVESTIGATOR(S):

(For Contact Info, faculty provide phone numbers and students provide CSUSB e-mail.)

Faculty Name: Department: Contact:
 Student Nerea Marteache Criminal Ext. 75292,
 Other Justice nmarte@csusb.edu

Faculty Name: Department: Contact:
 Student
 Other

Faculty Name: Department: Contact:
 Student
 Other

Faculty Name: Department: Contact:
 Student
 Other

Faculty Name: Department: Contact:
 Student
 Other

Faculty Name: Department: Contact:
 Student
 Other

For student investigators, this research is for:

- Graduate Thesis or Project
- Honors Project
- Independent Study
- Course:
- Other:

4. **PROJECT TITLE:** Understanding Traffic Violations Among College Students

5. **PARTICIPANTS** (approximate number and all applicable categories):

Number: 175

- Female Male
- CSUSB students
- Children (17 or younger)
- Child Development Center
- Prisoners
- Patients in institutions
- Pregnant women
- Faculty or external reviewers

List any other individual or personal characteristics (e.g., race, ethnicity, age, sexuality, etc.) pertaining to the participants you are seeking.

There are no specific criteria for participant selection apart from being college students with a driving license.

Give a short justification based on empirical, theoretical, or practical reasons for the number of participants you are requesting.

There are a total of 35 students enrolled in this class. Each of them will survey 5 participants. That will give us a total of 175 participants, which is a large enough sample to perform basic statistical analyses to study the correlations between the variables.

6. **FUNDING:** Project period from _____ to _____

Are you seeking funding for this research? no yes
If yes, submit one complete copy of your proposal as soon as available.

Provide the name of the funding agency.

Does the funding agency require IRB approval? no yes
If yes, provide all relevant forms, instructions, etc. with this application.

7. **REVIEW CATEGORY:** Please mark all items that apply.

Note: All research involving children must be reviewed by the full Board.

- Administrative Review** (based on the following categories):
- Research conducted in established or commonly accepted educational settings, involving normal educational practices
 - Research involving educational tests, if information is recorded so that participants cannot be identified in any way
 - Research involving surveys or interviews, if information is recorded so that participants cannot be identified in any way
 - Research involving observation of public behavior, if participants cannot be identified in any way
 - Research involving educational tests, if information is recorded so that participants cannot be identified in any way
 - Research involving collection or study of existing data, documents, records, or pathological or diagnostic specimens, where these sources are publicly available and participants cannot be identified in any way

- Expedited Review** (based on the following categories):
Note: Submit original and one copy of all application materials.

- Collection of hair, nail clippings, teeth (if non-disfiguring)
- Collection of excreta or external secretions
- Recording data from adults using non-invasive procedures
- Collecting moderate blood samples from healthy adults
- Collecting supra- and sub-gingival dental plaque or calculus
- Voice recordings made for research purposes
- Moderate exercise by healthy volunteers
- Study of existing data, documents, records, or pathological or diagnostic specimens
- Non-manipulative, non-stressful research on individual or group behavior

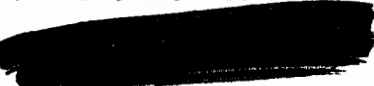
- Full Board Review:** Submit original and one copy of all materials.

8. AFFIRMATION OF COMPLIANCE:

Investigators are required to notify the IRB of substantive changes to protocol, unanticipated adverse events, and project completion. Projects lasting longer than one year require an annual Request for Continuation or Notice of Project Ending – (<http://irb.csusb.edu>). Failure to submit may result in disciplinary action under CSUSB student or faculty misconduct policy. Consent / assent forms and data must be maintained at least three years.

I agree to follow the procedures herein, as well as additional instructions from the IRB, and to ensure that the rights and welfare of human participants are properly protected. I will commence the study only after receiving approval from the IRB (or departmental Human Participants Review Board) and having complied with required modifications. I will promptly report additions, changes, or problems involving the rights or welfare of human participants to the IRB. If the project lasts more than one year, I will submit the required documentation.

I affirm the accuracy of this application and accept responsibility for the ethical conduct of this research, supervision of human participants, and maintenance of data and informed consent as required by the IRB. (Print more pages if needed)



Signature of Investigator nmarte@csusb.edu 2/24/2014

CSUSB E-mail Address Date

Signature of Co-investigator CSUSB E-mail Address Date

Signature of Co-investigator CSUSB E-mail Address Date

Signature of Co-investigator CSUSB E-mail Address Date

Signature of Co-investigator CSUSB E-mail Address Date

APPROVAL OF FACULTY ADVISOR OR SPONSOR:

I affirm the accuracy of this application and accept responsibility for ethical research conduct, student supervision, and maintenance of documentation.

Printed Name of Faculty Advisor Phone CSUSB Department

Signature of Faculty Advisor Date CSUSB E-mail Address

APPROVAL OF LICENSED PHYSICIAN:

This signature is required only if the project involves medical procedures and neither the investigator nor the faculty advisor is a licensed physician.

Printed Name of Physician	Phone	E-mail Address
Signature of Physician	Date	

9. RECRUITMENT OF PARTICIPANTS:

Describe sources of potential participants, how they will be selected and recruited, and how and where you will contact them. Include all relevant characteristics with regard to age, ethnicity, sex, institutional status (i.e., patients or prisoners), and general state of physical and mental health.

Note: Recruitment issues can be especially critical when any federally defined "vulnerable population" is involved. This includes children, pregnant women, prisoners, others who are institutionalized, and anyone who might be at particular risk or whose cooperation might be dependent on coercion, no matter how slight.

Answer in the box below (it will expand to fit your text).

Adults currently enrolled at any college or university will be recruited by students attending CJUS 311 to participate in a study designed to examine theoretical factors that may influence students' driving behaviors. To be eligible, potential respondents must be over 18 years of age and have a driving license. People will be recruited through social networks. People who volunteer will be asked to answer the questions of the survey. The results will then be used to teach students about analyzing data, and interpreting results.

10. DESCRIPTION OF THE PROJECT:

Briefly describe the objectives and methodology of your research (including hypothesis and/or research questions), data collection procedures, and features of the research design that involve specific procedures or special conditions for participants (including frequency, duration, and location of participation).

It would be helpful to organize this section with these sub-headings:

- a. Objectives of the Study
- b. Hypothesis
- c. Methodology
- d. Data Collection

- e. Data Analysis
- f. Dissemination

Answer in the box below (it will expand to fit your text).

This project seeks to teach students how to develop and assess survey instruments, develop databases, and write research reports. This is critical to ensure that students develop research skills. The survey will be self administered. The data will be aggregated into one class dataset. The students will develop and test hypotheses, interpret statistical results and present them in class.

OBJECTIVES: To examine theoretical factors that may influence driving behaviors among college students.

HYPOTHESES: They will be developed by the students at a later stage. However, three theoretical frameworks are being used: self-control theory, social learning theory, and social bonds theory. The association between the concepts included in these theories and traffic violations will be the focus of the analysis.

METHODOLOGY / DATA COLLECTION: Anonymous, self administered survey of 175 college students. Participation will last 15-20 minutes. Each student will enter the data of their 5 surveys in an Excel spreadsheet and the instructor will merge all of them in one class database. No identifying information of the participants will be collected.

DATA ANALYSIS: Statistical analyses will be performed by the instructor. Only basic analytical techniques will be used, and results will be interpreted by the students. Finally each student will present their hypothesis and results to the rest of the class.

DISSEMINATION: The results will not be disseminated.

11. CONFIDENTIALITY OF DATA:

Clearly indicate specific procedures (e.g., coding of responses, aggregate reporting, etc.) that will protect the confidentiality of participants and safeguard identifiable records and data. If not possible, state why.

Answer in the box below (it will expand to fit your text).

The data collected is being used within the class to teach students how to manage research projects. The results per se are of no use. The survey was designed to ensure confidentiality of the respondents. No personally identifiable information is being collected that might link the data to individuals.

12. RISKS AND BENEFITS:

Describe in detail any immediate, short-term, or long-range risks that may arise for participants as a result of procedures associated with your study. Risks may be physical, psychological, social, legal, or economic; they would include side effects, risks of placebo, delay in customary treatment, etc. Indicate any precautions that will be taken to minimize risks. Also indicate any anticipated

benefits to participants and/or society from the knowledge that may reasonably be expected to result from the study.

Answer in the box below (it will expand to fit your text).

The risks to those individuals participating in the study are minimal, the most significant risk is that the students come to view their past thinking or behavior in a negative light. However, to ensure that people are protected, no personally identifiable information is being collected. Informed consent will be obtained prior to each administration of the survey. All students conducting this research have been trained about ethical issues and have completed the CITI ethics training course.

Participation in this study will benefit all those involved by drawing attention to their own driving behaviors. The study will generate information about factors influencing traffic violations among college students. In addition, students involved in creating this instrument will learn a great deal about how surveys are used to help to develop indices.

13. INFORMED CONSENT:

Informed consent is usually written; however, in some circumstances it may be oral or electronic in nature. Waivers of informed consent may be granted under certain limited conditions, and any request for such should include explicit justification.

The IRB requires a text of the proposed statement to be used for oral or electronic consent. Like written consent, they should include

- Identification of the researcher(s)
- The nature and purpose of the study
- Expected duration of participant involvement
- How confidentiality or anonymity will be maintained
- The voluntary nature of participation
- Participants' right to withdraw at any time without penalty
- Information about foreseeable risks and benefits (or none)
- Contact information for questions or additional information
- A statement that the project has been approved by the Institutional Review Board of California State University, San Bernardino (or the departmental board for exempt proposals).

A copy of the Informed Consent or text for oral consent (on CSUSB letterhead) must accompany this application. For non-English-speaking participants, include an accurate translation. See <http://irb.csusb.edu/> for consent checklist and other sample forms.

Note: Research involving minor children generally requires **Child Assent** as well as Informed Consent from a parent or guardian. If in doubt, include the Child Assent written clearly at age level of participants and printed on CSUSB letterhead. See IRB website for sample forms.

Please paste all required consent and assent documents in the designated area at the end of this form.

14. DEBRIEFING STATEMENT:

A debriefing statement is usually required only if any type of deception is used in the study. Participants may also be debriefed about their behavioral response(s) to the study. The two major goals of debriefing are de-hoaxing and de-sensitizing. Any undesirable influence the study may have on participants should be minimized or eliminated.

The debriefing statement should describe the reason(s) for conducting the research, how participants can obtain results of the study, and contact information for additional details or answers to questions. Any potential predictions about study outcomes should be non-directional. It would also be advisable, for methodological purposes, to request that participants not reveal the nature of the study to other potential participants.

Please paste all required consent and assent documents in designated area at the end of this form.

15. ATTACHMENTS: All relevant project materials and documents, including

- Letters of approval on letterhead from cooperating agencies, schools, boards of education, etc.
- Participant recruitment materials (e.g., fliers, advertisements)
- Informed Consent and Assent (if applicable) forms
- Surveys, questionnaires, interview instruments, etc.
- Debriefing statement or explanation sheet if applicable

Please paste all your study materials in the order listed above into this document, starting on the next page.

- d. I have a good relationship with my parents
- e. As a child, my parents/guardians usually rewarded positive behavior/actions
- f. My parents are interested in my life activities
- g. As a child, my parents/guardians reprimanded me for negative actions and behaviors
- h. I have a hard time controlling my temper
- i. Sometimes I worry about losing control over my feelings
- j. When I am very angry, I slam doors, throw things, and think of hitting people
- k. I like to take risks just for fun
- l. Conforming to the actions of the majority (even when it is a behavior I would not normally act upon on my own) is essential to success
- m. I will act in a way I normally would not if my close friends act like that as well
- n. There is nothing wrong in texting while driving

3. Have you ever committed any of the following traffic violations? Speeding, failing to stop at a light or stop sign, texting and driving, or DUI (driving under the influence)
 • Yes • No

4. Approximately how many times, in the last month, have you engaged in the following behaviors?

	Never	1 - 2 times	3 - 4 times	5 - 6 times	7+ times
a.	Speeding (exceeding the limit by more than 5mph)	.	.	.	.
b.	Failing to stop at a light or stop sign	.	.	.	.
c.	Texting while driving	.	.	.	.
d.	Driving under the influence (DUI)	.	.	.	.

5. What percentage of your friends do you think have engaged in the following behaviors in the last month?

	0-20%	21-40%	41-60%	61-80%	81-100%
a.	Speeding (exceeding the limit by more than 5mph)	.	.	.	.
b.	Failing to stop at a light or stop sign	.	.	.	.
c.	Texting while driving	.	.	.	.
d.	Driving under the influence (DUI)	.	.	.	.

6. How would most of your friends react if they found out you had committed any of the following traffic violations:

	Very negatively				Very positively
a.	Speeding (exceeding the limit by more than 5mph)	.	.	.	.
b.	Failing to stop at a light or stop sign	.	.	.	.
c.	Texting while driving	.	.	.	.
d.	Driving under the influence (DUI)	.	.	.	.

7. On average, how many times a week do you hang out with your friends?

- None
- 1 or 2 times a week
- 3 or 4 times a week
- 5 or more times a week

8. How many times a month, if any, do you attend a religious function or event?

- None
- 1 or 2 times a month
- 3 or 4 times a month
- 5 or more times a month

9. How many times a month, if any, do you participate in volunteer work?

- None
- 1 or 2 times a month
- 3 or 4 times a month
- 5 or more times a month

10. What is your gender?

- Male
- Female

11. What year were you born?

12. Do you have children?

- Yes
- No

13. What is your race or ethnicity origin?

- White
- Black or African American
- Native American or American Indian
- Hispanic / Latino
- Asian/ Pacific Islander
- Other: _____

14. How long have you been attending College / University?

- Less than 1 year
- 1 year
- 2 years
- 3 years
- 4 years
- More than 4 years

15. What is your grade point average (GPA)?

- 1.5 or below
- 1.6 – 2.0
- 2.1 – 2.5
- 2.6 – 3.0
- 3.1 – 3.5
- 3.6 – 4.0

16. Are you a member of a fraternity or sorority?

- Yes
- No

17. Are you a member of an honors society?

- Yes
- No

End of Survey

Paste any remaining research materials into the box below.

Paste debriefing or explanation form into the box below.

THE DEBRIEFING STATEMENT WILL BE PLACED AT THE END OF THE INSTRUMENT.

Thank you for your time, your participation is greatly appreciated.

The intent of this project is to better understand traffic violations among college students. If you have any questions about the research process, please contact Dr. Marteaché at CSUSB, Department of Criminal Justice. Ph: 909-537-5292.

Paste any other supplementary materials into the box below.

Traffic Violations Among College Students 2014

The purpose of this survey is to learn about the factors that influence traffic violation patterns among college students. The data are part of a class research project in CJUS 311 (Research Methods in Criminal Justice). Our survey asks several questions about your driving behaviors, your opinions, your friends, and your involvement in social activities. Participation is voluntary and your responses will be anonymous. We will not collect any identifying information from you (like your name, student ID number, or anything that could link you back to your answers). If you feel uncomfortable with any of the questions asked within this survey, please feel free to skip the question or stop answering and return the survey to the student researcher. The risks to participating are minimal as research procedures will keep your information private; the most significant risk is that you may come to view your past thinking or behavior in a negative light. The benefit of participating is that you will help us to understand more about college students' traffic violations. Your participation is greatly appreciated and should take no more than 20 minutes of your time. The data will be used by students to practice analysis and interpretation of data. Only grouped, averaged responses will be used; individual answers will not be reported. It is expected that about 200 people will participate in this study. This survey has been approved by the Institutional Review Board of California State University, San Bernardino.

To participate in the survey, you must be over 18 years of age and have a driving license. If yes, please continue. If no, please return the survey.

INSTRUCTIONS: Read the question and check the answer that fits best. For the purposes of this survey, **TRAFFIC VIOLATIONS** involve driving behaviors such as speeding, failing to stop at a light or stop sign, texting and driving, and DUI (driving under the influence).

1. In your opinion, what percentage of college students commits at least one traffic violation every month?

- 0-20%
 21-40%
 41-60%
 61-80%
 81-100%

2. Please indicate how strongly you agree or disagree with the following statements.

	Strongly Agree	Agree	Disagree	Strongly Disagree
a. It is important to pursue and achieve one's goals, even if they're difficult	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. I develop a plan for all my important goals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. I believe it is important to follow society standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. I have a good relationship with my parents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. As a child, my parents/guardians usually rewarded positive behavior/actions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. My parents are interested in my life activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. As a child, my parents/guardians reprimanded me for negative actions and behaviors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. I have a hard time controlling my temper	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Sometimes I worry about losing control over my feelings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. When I am very angry, I slam doors, throw things, and think of hitting people	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. I like to take risks just for fun	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. Conforming to the actions of the majority (even when it is a behavior I would not normally act upon on my own) is essential to success	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m. I will act in a way I normally would not if my close friends act like that as well	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n. There is nothing wrong in texting while driving	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Traffic Violations Among College Students 2014

3. Have you ever committed any of the following traffic violations? Speeding, failing to stop at a light or stop sign, texting and driving, or DUI (driving under the influence)

- Yes No

4. Approximately how many times, in the last month, have you engaged in the following behaviors?

	Never	1 - 2 times	3 - 4 times	5 - 6 times	7+ times
a. Speeding (exceeding the limit by more than 5mph)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Failing to stop at a light or stop sign	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Texting while driving	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Driving under the influence (DUI)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5. What percentage of your friends do you think have engaged in the following behaviors in the last month?

	0-20%	21-40%	41-60%	61-80%	81-100%
a. Speeding (exceeding the limit by more than 5mph)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Failing to stop at a light or stop sign	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Texting while driving	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Driving under the influence (DUI)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. How would most of your friends react if they found out you had committed any of the following traffic violations:

	Very negatively				Very positively
a. Speeding (exceeding the limit by more than 5mph)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Failing to stop at a light or stop sign	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Texting while driving	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Driving under the influence (DUI)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7. On average, how many times a week do you hang out with your friends?

- None 1 or 2 times a week 3 or 4 times a week 5 or more times a week

8. How many times a month, if any, do you attend a religious function or event?

- None 1 or 2 times a month 3 or 4 times a month 5 or more times a month

9. How many times a month, if any, do you participate in volunteer work?

- None 1 or 2 times a month 3 or 4 times a month 5 or more times a month

Traffic Violations Among College Students 2014

10. What is your gender? Male Female

11. What year were you born?

1	9		
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12. Do you have children?

Yes No

13. What is your race or ethnicity origin?

White Black or African American Native American or American Indian
 Hispanic / Latino Asian/ Pacific Islander Other: _____

14. How long have you been attending College / University?

Less than 1 year 1 year 2 years
 3 years 4 years More than 4 years

15. What is your grade point average (GPA)?

1.5 or below 1.6 – 2.0 2.1 – 2.5
 2.6 – 3.0 3.1 – 3.5 3.6 – 4.0

16. Are you a member of a fraternity or sorority?

Yes No

17. Are you a member of an honors society?

Yes No

End of Survey

Thank you for your time, your participation is greatly appreciated.

The intent of this project is to better understand traffic violations among college students. If you have any questions about the research process, please contact Dr. Marteache at CSUSB, Department of Criminal Justice. Ph: 909-537-5292.
