



Hobart and William Smith Colleges  
- Colleges of the Seneca -



Form C  
Application to Conduct Course-based Student Research with Human Subjects

Directions for Faculty: Please fill out one application for each course-based research assignment. Note that one application is good for all students engaged in the assignment described in the application.

Faculty Supervisor Name: David W. Craig

HWS Department Affiliation: Chemistry  
Campus Address: box 4024  
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Phone Number: Ext 3611

Course Information Name: Alcohol in College  
Course Number: FSEM 060-01

Project Title: Alcohol in College: Myth and Reality -- Presentations to HWS Residence Halls by FSEM 060

Anticipated Starting Date: October 1, 2006  
Anticipated Completion Date: December 8, 2006

- Project Involves:
- Faculty/Staff research
  - Student research in fulfillment of a course requirement
  - Independently conducted student research
  - Other:

For IRB use only:		Application # _____
		Submission Date: _____
___ Approved    ___ Approved with revisions    ___ Not approved		
_____	_____	_____
Print Chair's Name	Chair's Signature	Date

## **Nature of the Project**

1. Purpose of the investigation – provide a brief overview of the background for the proposed research and list the overall objectives of the assignment.

FSEM 060, Alcohol in College, is a new first year seminar that actively looks into the scope and nature of alcohol use in college through literature research and active research on the campus community. This course is also one of the service-learning courses on campus. Past research has shown that student misperceive peer attitudes and peer use of alcohol. They believe that peers are more permissive of alcohol misuse and that they use much more than is actually the case. Correcting these misperceptions so that students have a more accurate perception of the majority actually causes misuse rates and resulting harm to be reduced. Students in this course will be directing their service toward the HWS community by collecting data about alcohol use on campus and communicating that information back to students through interactive residence hall presentations. Surveys will be conducted during the residence hall presentation and the collected data will be displayed back to the audience through aggregate histograms along with results from campus-wide surveys, and the results of the groups perception of what is normative.

2. Description of methodology – clearly describe the research procedures your students will be expected to use.

Students will use interactive "clicker" technology to collect anonymous responses from presentation participants. Each session will begin with the following statement:

"In this presentation we will be asking some questions about your attitudes and personal use of alcohol. We will also ask you questions about what you think is typical among students at HWS. All of these responses will be anonymous. No individual response will be identified. We will share with you distributions of question responses from this group and from surveys of the campus at large during this presentation. Your participation in answering these questions is voluntary. You may skip any questions that you do not wish to answer. If you are under the age of 18 you should not answer the survey questions. Data from this session will be saved and merged with data from other residential hall sessions to support research on this topic. We will send summary posters of the merged results to your RA to share before the end of the term."

Students will interact with a powerpoint presentation that will deliver survey questions. Responses will be automatically coded as students press response card buttons on response cards randomly passed out to each participant. Results will not be displayed until all questions are answered (see attachment for questions). Once all questions are answered, results will be displayed and discussed. Data will be stored from each session and pooled so that the class will have a database from which to base research papers that they will be writing. Aggregate results will be shared back to the residence halls through posters and research papers delivered to Area Coordinators and Resident Advisors.

## **Participant Population**

3. Category of participants (check all that apply)

- Adults
- Children and minors (under 18 years old)
- Pregnant women, fetuses, or neonates
- Institutionalized persons (e.g. in prison)
- Cognitively impaired persons (e.g. persons with psychiatric, cognitive or developmental disorders; or under the influence of alcohol or drugs)
- Other:

**4. Institutional affiliation of participants (check all that apply and clarify as necessary)**

- Hobart and William Smith Colleges
- Schools:
- Hospitals:
- Other:
- None – please explain:

**5. Estimated number of participants: 1,000**

**6. Participant solicitation (check all that apply and attach examples, scripts, etc. to this form)**

- Advertisement
- Telephone
- Letter
- Class announcements
- Other – please describe

We plan to work with RA's and deliver these presentations as part of residential education floor programming.

**7. Participant incentives – will any inducements (e.g. money or course credit) be offered in exchange for participant involvement in research?**

- No
- Yes – please describe the nature of the inducements

**Participant Risks**

**8. Potential harm to participants – could participants incur any psychological, social, physical, or legal risk as a consequence of their involvement in the research (including any psychological distress associated with a) experimental manipulations; b) probing for information that might be considered personal or sensitive; or c) exposure to materials or social interactions that might be considered offensive, threatening, or degrading)?**

- No  
 Yes – please describe the nature of the potential risk and its relevance to the assignment.

9. Participant deception – will the participants be deceived or misled in any way?

- No  
 Yes – please describe the nature of the deception and its relevance to the assignment. Attach to this form all written materials and scripted verbal statements that will be misleading or deceptive, as well as debriefing statements.

### **Voluntary Participation and Informed Consent**

*Note that this section does not apply to unobtrusive observation of public behavior.*

10. Voluntary participation – describe the steps that will be taken to ensure that participation in the research is voluntary. Please attach to this form the script for information provided by research personnel or written materials to be given to the participant.

Providing that we are successful in scheduling these presentations through regularly scheduled floor programming, attendance will be mandatory for residence. However, response to the questions will be voluntary. Students may choose to click or not click. Since no response card response can be tied to a particular individual, student responses will be anonymous and voluntary.

11. Informed consent – *federal law requires that, except in special circumstances, informed consent must be obtained.*

Will a written consent form be used?

- Yes – please attach the consent form to this application  
 No – please provide a justification

For research involving participants who are minors, will consent be obtained from the minors' parents or guardians?

- Yes  
 No – please provide a justification  
 Research will not involve participants under the age of 18

*Note that information on informed consent and a sample consent form can be downloaded from the Hobart and William Smith IRB web page.*

### **Anonymity and Confidentiality**

12. Anonymity – will data be collected and/or recorded in such a way that individual human subjects can be identified by the researcher(s)?

- No  
 Yes – please explain the nature of the information and the manner in which it will be collected and recorded.

13. Institutional source of information – will any personal data be drawn from institutional files or archives (e.g. school files)?

- No  
 Yes – please explain the source and nature of this data.

14. Data access – explain who will have access to the data your students collect.

The principal investigator, Professor David Craig, and his independent study students will have access to the data for research purposes. Student in FSEM060 will have access to aggregate reports generated by Professor Craig.

15. Confidentiality – describe the steps that will be taken to ensure confidentiality of all personal data collected. Be specific. How will you ensure that research personnel (including students) understand their responsibilities in maintaining confidentiality? How will confidentiality be preserved as data are collected, stored, analyzed, and published? When will data identifying individual participants be destroyed?

Response cards used for data collection will be passed out randomly to students. Without recording the serial number on the back of a response card and matching a name to that serial number, it would be impossible to match a response to a given individual. No identifying information will be collected through the response cards other than gender, class year, and weight range.

## Assurance Statement

I confirm that the procedures described above are accurate and will be followed in the course of the research project. I will notify the IRB of any changes to procedures and if unanticipated problems arise during the research process.

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Signature of Faculty Supervisor

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Date

**Please submit a signed, hard copy and an electronic version of your application to the Office of the Provost.**

## **Alcohol in College: Myth and Reality** **A presentation to HWS Residence Halls by FSEM060**

### **Informed Consent Form**

I freely and voluntarily consent to be a participant in this research project conducted through the Fall 2006 academic term. I understand I will be one of more than 1,000 people participating in this research. I have been told that this presentation and survey data collection will last approximately 60 minutes.

I understand that the purpose of this research is to examine student attitudes, practices, and perceptions with regard to alcohol use. To this aim, I will be asked to answer anonymous survey questions about my personal attitudes about alcohol use, my personal alcohol use/nonuse patterns, and my perceptions of peer use of alcohol. I understand that I can refrain from answering any of these questions at any time. I understand that aggregate summaries of the group's responses to the questions will be shared during the presentation.

I understand that all my responses will be confidential and that only Dr. David Craig and his independent study research students will have direct access to these data. Students in FSEM 060 will have access to aggregate data tables and charts prepared by Professor Craig for their research papers. The data will be used over the next several years although they will be retained indefinitely for our records. I further understand that information from all the participants will be grouped together to provide general information about student attitudes and personal use patterns at HWS to the broader community.

I understand that if I would like more information about this research, I can contact Dr. David Craig, Professor of Chemistry, at ext 3611 or [craig@hws.edu](mailto:craig@hws.edu). Questions about your rights as a research subject should be directed toward the current chair of the Institutional Review Board, H. Wesley Perkins, Professor of Sociology at ext 3437 or [perkins@hws.edu](mailto:perkins@hws.edu).

I have read and I understand the above. I have been offered a copy of this informed consent form.

\_\_\_\_\_  
Participant's Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Participant's Printed Name

I have explained and defined in detail the research procedure in which the participant has agreed to participate, and have offered the participant a copy of this informed consent form.

\_\_\_\_\_  
Investigator's (or Research Assistant's) Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Investigator's (or Research Assistant's) Printed Name

## **Alcohol in College: Myth and Reality** **a presentation to HWS Residence Halls by FSEM 060**

### **Residence Hall Presentation Introduction:**

**In this presentation we will be asking some questions about your attitudes and personal use of alcohol. We will also ask you questions about what you think is typical among students at HWS. All of these responses will be anonymous. No individual response will be identified. We will share with you distributions of question responses from this group and from surveys of the campus at large during this presentation. Your participation in answering these questions is voluntary. You may skip any questions that you do not wish to answer. If you are under the age of 18 you should not answer the survey questions. Data from this session will be saved and merged with data from other residential hall sessions to support research on this topic. We will send summary posters of the merged results to your RA to share before the end of the term.**

**Questions to asked students during residence hall presentations. Responses gathered through anonymous response card input.**

**Which statement below about drinking alcoholic beverages do you feel best represents your own attitude? (*select one*)**

- a. Drinking is never a good thing to do.
- b. Drinking is all right but a student should never get drunk.
- c. An occasional "drunk" is OK as long as it doesn't interfere with academics or responsibilities.
- d. An occasional "drunk" is OK even if it does interfere with academics or responsibilities.
- e. A frequent "drunk" is OK if that's what the individual



**How many alcoholic drinks, on average, do you think each of the following students typically consumes at parties and bars?**  
*(A drink is a bottle of beer, a glass of wine, a wine cooler, a shot of liquor, or a mixed drink.)*

Just give your best estimate of what is most typical for each category (a through f).  
Indicate a number for each or check none.

	None	# drinks
a. Yourself	<input type="checkbox"/>	<input type="text"/>
b. Students at your school	<input type="checkbox"/>	<input type="text"/>

**How much time do you typically spend drinking the amount you specified for yourself above?.**

hours      OR       I don't typically drink at parties and bars

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**Think back over the past two weeks: On how many days during these past two weeks did you have one or more drinks (that is, beer, wine, liquor, or mixed drink)?.**

days      OR       I did not drink at all in the last two weeks

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**As best as you can estimate, what was the total number of drinks you had during those two weeks? (One drink is defined as a beer, a glass of wine, a shot of liquor, or a mixed drink.)**

drinks      OR       I did not drink at all in the last two weeks

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## Background Information

**Gender**

a. male

b. female

**What is your age?**

less than 21

21 - 24

greater than 24

**What is your class rank?**

1st year

Sophomore

Junior

Senior

**What is your current weight and height?**

a. Weight

b. Height

pounds

ft.  in.