

APPENDIX A

Index of Life Stress

Direction: Please answer how often you feel the way described in each of the statements below by circling the one number which most closely represents your own personal experience living in the U.S.

	0 = <i>never</i>	1 = <i>rarely</i>	2 = <i>sometimes</i>	3 = <i>often</i>
1. My English embarrasses me when I talk to people.	0	1	2	3
2. I don't like the religions in the U.S. A.	0	1	2	3
3. I worry about my academic performance.	0	1	2	3
4. I worry about my future career in my home country.	0	1	2	3
5. I can feel racial discrimination toward me from other students.	0	1	2	3
6. I'm not doing as good as I want to in school.	0	1	2	3
7. My English makes it hard for me to read articles, books, etc.	0	1	2	3
8. It's hard for me to develop opposite-sex relationships here.	0	1	2	3
9. I don't like the ways people treat each other here.	0	1	2	3
10. I don't like American food.	0	1	2	3
11. People treat me badly just because I am a foreigner.	0	1	2	3
12. I owe money to others.	0	1	2	3
13. I think that people are very selfish here.	0	1	2	3
14. I don't like the things people do for their entertainment here.	0	1	2	3
15. I can feel racial discrimination toward me in stores.	0	1	2	3
16. I worry about whether I will have my future career in the U.S. A.	0	1	2	3
17. Americans' way of being too direct is uncomfortable to me.	0	1	2	3
18. I study very hard in order not to disappoint my family.	0	1	2	3
19. I can feel racial discrimination toward me from professors.	0	1	2	3
20. I can't express myself well in English.	0	1	2	3
21. It would be the biggest shame for me if I fail in school.	0	1	2	3
22. I worry about my financial situation.	0	1	2	3
23. I don't like American music.	0	1	2	3
24. I can feel racial discrimination toward me in restaurants.	0	1	2	3
25. My financial situation influences my academic study.	0	1	2	3
26. I worry about my future: will I return to my home country or stay in the U. S. A.	0	1	2	3
27. I haven't become used to enjoying the American holidays.	0	1	2	3
28. I don't want to return to my home country, but, I may have to do so.	0	1	2	3
29. My English makes it hard for me to understand lectures.	0	1	2	3
30. I want to go back to my home country in the future, but I may not be able to do so.	0	1	2	3
31. My financial situation makes my life here very hard.	0	1	2	3

Source. Yang, B., & Clum, G. A. (1995). Measures of life stress and social support specific to an Asian student population. *Journal of Psychopathology and Behavioral Assessment*, 17, 51-67.

APPENDIX B

Revised Drinking Motivation Questionnaire

Direction:

Please answer each of the statements below by circling the one number that most closely represents your own personal experience with drinking alcohol. On those occasions when you drink, how often do you typically drink for each of the reasons listed below?

1 = <i>almost never</i> /never	2 = <i>some of</i> <i>the time</i>	3 = <i>half of</i> <i>the time</i>	4 = <i>most of</i> <i>the time</i>	5 = <i>almost always</i> /always
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1. To forget your worries	1	2	3	4	5
2. Because your friends pressure you to drink	1	2	3	4	5
3. Because it helps you enjoy a party	1	2	3	4	5
4. Because it helps you when you feel depressed or nervous	1	2	3	4	5
5. To be sociable	1	2	3	4	5
6. To cheer up when you are in a bad mood	1	2	3	4	5
7. Because you like the feeling	1	2	3	4	5
8. So that others won't kid you about <i>not</i> drinking	1	2	3	4	5
9. Because it's exciting	1	2	3	4	5
10. To get high	1	2	3	4	5
11. Because it makes social gatherings more fun	1	2	3	4	5
12. To fit in with a group you like	1	2	3	4	5
13. Because it gives you a pleasant feeling	1	2	3	4	5
14. Because it improves parties and celebrations	1	2	3	4	5
15. Because you feel more self-confident and sure of yourself	1	2	3	4	5
16. To celebrate a special occasion with friends	1	2	3	4	5
17. To forget about your problems	1	2	3	4	5
18. Because it's fun	1	2	3	4	5
19. To be liked	1	2	3	4	5
20. So you won't feel left out	1	2	3	4	5

Source. Cooper, M. L. (1994). Motivations for alcohol use among adolescents: Development and validation of a four-factor model. *Psychological Assessment*, 6, 117-128.

APPENDIX C

Core Alcohol and Drug Survey Community College Short Form

Core Alcohol and Drug Survey

Community College Short Form

Permission for use of items granted from:
Core Institute, Student Health Programs
Southern Illinois University
Carbondale, IL 62901

1. Gender: Male <input type="checkbox"/> Female..... <input type="checkbox"/>	2. Age: <div style="border: 1px solid black; width: 40px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; display: inline-block; margin-left: 10px;"></div>
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5. What was your primary educational intent?
(mark one)

a. To earn a career program degree and then go to work

b. To take courses in a career program and find a job without earning a degree.....

c. To improve skills for my present job

d. To earn a degree and transfer to a 4 year college/university

e. To take course to transfer to a 4 year college/university without earning a degree

f. To prepare for GED test or improve basic academic skills.....

g. To take courses for personal interest/self-development.....

h. To take prerequisite courses for second degree

i. No specific intent.....

j. Other

6. To what extent do you agree with the following statements? <i>(mark one for each line)</i>	Strongly agree	Agree	Neutral	Disagree	Strongly disagree	Don't know
a. I feel valued as a person on this campus	1	2	3	4	5	6
b. I feel that faculty and staff care about me as a student	1	2	3	4	5	6
c. I have a responsibility to contribute to the well-being of other students	1	2	3	4	5	6
d. My campus encourages me to help others in need	1	2	3	4	5	6
e. I abide by the college policy and regulations that concern alcohol and other drug use	1	2	3	4	5	6

7. Do you believe that alcohol has the following effects?
(mark one for each line)

	yes	no
a. Breaks the ice.....	<input type="checkbox"/>	<input type="checkbox"/>
b. Enhances social activity.....	<input type="checkbox"/>	<input type="checkbox"/>
c. Makes it easier to deal with stress.....	<input type="checkbox"/>	<input type="checkbox"/>
d. Facilitates a connection with peers.....	<input type="checkbox"/>	<input type="checkbox"/>
e. Gives people something to talk about.....	<input type="checkbox"/>	<input type="checkbox"/>
f. Facilitates male bonding.....	<input type="checkbox"/>	<input type="checkbox"/>
g. Facilitates female bonding.....	<input type="checkbox"/>	<input type="checkbox"/>
h. Allows people to have more fun.....	<input type="checkbox"/>	<input type="checkbox"/>
i. Gives people something to do.....	<input type="checkbox"/>	<input type="checkbox"/>
j. Makes food taste better.....	<input type="checkbox"/>	<input type="checkbox"/>
k. Makes women sexier.....	<input type="checkbox"/>	<input type="checkbox"/>
l. Makes men sexier.....	<input type="checkbox"/>	<input type="checkbox"/>
m. Makes me sexier.....	<input type="checkbox"/>	<input type="checkbox"/>
n. Facilitates sexual opportunities.....	<input type="checkbox"/>	<input type="checkbox"/>

8. In which of the following ways does other students' drinking interfere with your life on or around campus?
(mark one for each line)

	yes	no
a. Interrupts your studying.....	<input type="checkbox"/>	<input type="checkbox"/>
b. Makes you feel unsafe.....	<input type="checkbox"/>	<input type="checkbox"/>
c. Makes up your physical living space (cleanliness, neatness, organization, etc.).....	<input type="checkbox"/>	<input type="checkbox"/>
d. Adversely affects your involvement on An athletic team or in other organized groups.....	<input type="checkbox"/>	<input type="checkbox"/>
e. Prevents you from enjoying events (concerts, sports, social activities, etc.).....	<input type="checkbox"/>	<input type="checkbox"/>
f. Interferes in other ways (s).....	<input type="checkbox"/>	<input type="checkbox"/>
g. Doesn't interfere with my life.....	<input type="checkbox"/>	<input type="checkbox"/>

9. To what extent has your alcohol use changed within the last 12 months?

Increased.....

About the same.....

Decreased.....

I have not used alcohol.....

10. Have any of your family had alcohol or other drug problems: *(mark all that apply)*

<input type="checkbox"/> Mother	<input type="checkbox"/> Brothers/sisters	<input type="checkbox"/> Spouse
<input type="checkbox"/> Father	<input type="checkbox"/> Mother's parents	<input type="checkbox"/> Children
<input type="checkbox"/> Stepmother	<input type="checkbox"/> Father's parents	<input type="checkbox"/> None
<input type="checkbox"/> Stepfather	<input type="checkbox"/> Aunts/uncles	

11. Think back over the last two weeks. How many times have you had five or more drinks* at a sitting?

- None.....
- Once.....
- Twice.....
- 3 to 5 times.....
- 6 to 9 times.....
- 10 or more times.....

* A drink is a bottle beer, a glass of wine, a wine cooler, a shot glass of liquor, or a mixed drink.

12. Average # of drinks* you consume a week:

* A drink is a bottle beer, a glass of wine, a wine cooler, a shot glass of liquor, or a mixed drink.

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13. Within the last year about how often have you used... (mark one for each line)

	Tobacco (smoke, chew, snuff)	Alcohol (beer, wine, liquor)	Marijuana (pot, hash, hash oil)
<i>Did not use</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Once/year</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>6 times/year</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Once/month</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Twice/month</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Once/week</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>3 times/week</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>5 times/week</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Every day</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

14. During the past 30 days on how many days did you have: (mark one for each line)

	Tobacco (smoke, chew, snuff)	Alcohol (beer, wine, liquor)	Marijuana (pot, hash, hash oil)
<i>0 days</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>1-2 days</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>3-5 days</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>6-9 days</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>10-19 days</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>20-29 days</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>All 30 days</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

15. Where have you used... (mark all that apply)

	Tobacco (smoke, chew, snuff)	Alcohol (beer, wine, liquor)	Marijuana (pot, hash, hash oil)
<i>Never used</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>On campus events</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Residence hall</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Frat/sorority</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Bar/restaurant</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Where you live</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>In a car</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Private parties</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Other</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

16. Please indicate how often you have experienced the following due to your drinking or drug use during the last year... (mark one for each line)

	never	once	twice	3-5 times	6-9 times	10 or more times
a. Had a hangover	1	2	3	4	5	6
b. Performed poorly on a test or important project	1	2	3	4	5	6
c. Been in trouble with police or other college authorities	1	2	3	4	5	6
d. Damaged property, pulled fire alarm, etc.	1	2	3	4	5	6
e. Got into an argument or fight	1	2	3	4	5	6
f. Got nauseated or vomited	1	2	3	4	5	6
g. Driven a car while under the influence	1	2	3	4	5	6
h. Missed a class	1	2	3	4	5	6
i. Been criticized by someone I know	1	2	3	4	5	6
j. Thought I might have a drinking or other drug problem	1	2	3	4	5	6
k. Had a memory loss	1	2	3	4	5	6
l. Done something I later regretted	1	2	3	4	5	6
m. Been arrested for DWI/DUI	1	2	3	4	5	6
n. Have been taken advantage of sexually	1	2	3	4	5	6
o. Have taken advantage of another sexually	1	2	3	4	5	6
p. Tried unsuccessfully to stop using	1	2	3	4	5	6
q. Seriously thought about suicide	1	2	3	4	5	6
r. Seriously tried to commit suicide	1	2	3	4	5	6
s. Been hurt or injured	1	2	3	4	5	6

APPENDIX D

Demographics Information Sheet: Please circle or write answers for the following questions.

1. What is your visa type?

- 1 F - 1
- 2 Permanent Residency (Green card)
- 3 Other Visa type: please specify. _____
- 4 NA/ U.S. Citizen

2. What ESL class are you attending this semester?

- 1 Level C
- 2 Level D
- 3 Level E
- 4 ESL 006/012
- 5 ESL 013/017
- 6 NOT attending

3. What is the highest academic degree you have completed in your *home country*?

- 1 High school
- 2 Associate degree
- 3 Bachelor's degree
- 4 Master's
- 5 Doctorate
- 6 Other: please specify. _____

4. How long have you been in the US?

months

5. Regardless of a place, with whom do you *usually* drink?

- 1 Alone
- 2 With others

6. Where does your father live?

- 1 U. S. (with/near you)
- 2 U. S. (far away from you)
- 3 Home country
- 4 Other: please specify. _____
- 5 Not Applicable

7. Where does your mother live?

- 1 U. S. (with/near you)
- 2 U. S. (far away from you)
- 3 Home country
- 4 Other: please specify. _____
- 5 Not Applicable

8. Where does your best friend live? (*Please think about the one to whom you feel closest.*)

- 1 U. S. (with/near you)
- 2 U. S. (far away from you)
- 3 Home country
- 4 Other: please specify. _____

9. Do you have someone whom you can openly talk about a trouble or stress? (*Please choose someone with whom you talk frequently.*)

- 1 Yes, in the U.S. near where I live.
- 2 Yes, in the U.S. away from where I live.
- 3 Yes, in my home country
- 4 No.

10. If you answer "Yes" in Question 9, in the past 30 days, how often did you communicate with the person either phone, email, or mail?

- 1 None
- 2 1 – 2 per week
- 3 3 – 4 per week
- 4 5 – 6 per week
- 5 7 days (every day)

11. Where does your main financial resource come from?

- 1 Your personal income or savings
- 2 Family income or savings
- 3 Other: please specify. _____

12. What geographic region are you from?

- | | | |
|--|--|--|
| <input type="checkbox"/> 1 Europe | <input type="checkbox"/> 4 Asia | <input type="checkbox"/> 7 Central America |
| <input type="checkbox"/> 2 Africa | <input type="checkbox"/> 5 Oceania | <input type="checkbox"/> 8 South America |
| <input type="checkbox"/> 3 Middle East | <input type="checkbox"/> 6 North America | |

13. What is your legal home country? (e.g., China, Thailand, France)

14. What is your ethnic origin? (e.g., Chinese, Chinese-Thai, Nigerian-French)

APPENDIX E

Cover Letter for Survey Questionnaire

March, 2004

Dear International Students at the Northern Virginia Community College:

I am Chieko Koyama, an international student from Japan. I am studying in Counselor Education at Virginia Tech, Northern Virginia Center. In 1992, I came to the United States to study English as an ESL student. Since 1999, I have been studying in Career/Community Counseling and Counselor Education. In my experience, it is often observed that the needs of international students are different from American born students whose families live here for generations. However, not all counselors are aware of their unique needs. To provide effective counseling services for international students, I would like to learn from you. If you are 18 years old or older, your participation is greatly appreciated.

I am particularly interested in alcohol use among international students attending community colleges. On 4-year American college campuses, many students drink alcohol for many reasons. Research has indicated that their misuse of alcohol is generally due to life and academic stress. Living and studying in a different cultural environment are challenging for many international students. Their particular stress is often attributed to cultural adjustments to the United States. However, little is known how they use alcohol and for what reasons. Your *honest* response will help me to understand this topic. Completing the questionnaires will take about 30 - 45 minutes. There is no right or wrong answers.

Your response is anonymous, which means that I do not know who you are. So, please DO NOT WRITE your name or any identification marks on the questionnaires. If you agree to participate, please sign the attached *Informed Consent Form*, which is required by Institutional Review Board guideline. **This form will be collected separately from the questionnaire, so that your name and answers cannot be connected.** Your answers will be kept in a secure place. If you have any questions, please call/email me or my professor, Dr. Gabriella Belli. Our contact information is below

Once again, THANK YOU VERY MUCH!!

Sincerely,

Chieko Koyama, NCC, Doctoral Candidate
Counselor Education
Virginia Tech, National Capital Region
7054 Haycock Rd.
Falls Church, VA 22043
703-538-8494
ckoyama@vt.edu

Gabriella Belli, Ph.D., Associate Professor
Educational Research and Evaluation
Virginia Tech, National Capital Region
7054 Haycock Rd.
Falls Church, VA 22043
703-538-8477
gbelli@vt.edu

APPENDIX F

INFORMED CONSENT FORM

Title of Survey: Acculturation Stress and Alcohol Use Among International Students
Attending U.S. Community Colleges

I am 18 or over 18 years old, and I voluntarily agree to participate in the survey on acculturation stress and alcohol use among international students attending U.S. community colleges. I understand that the purpose of the survey is to gather information in regard to levels of acculturation stress, levels of alcohol use, and motivations of drinking as well as negative consequences due to drinking. I also understand that information that I provide is used to develop appropriate educational programs for international students attending community colleges and to increase counselors' knowledge on the topic and improve their services.

I understand that participation to the survey is risk-free and that I may decide to discontinue participation any time. I also understand that all my responses to the survey will be anonymous. I was told that the data would be stored in a secure place and analyzed in a group form.

I HEREBY AGREE TO PARTICIPATE IN THE RESEARCH PROJECT WITH THE PERSON LISTED ABOVE.

Participant's Signature _____ Date _____

APPENDIX G

Meanings of the Words/Phrases/Terms in the Survey Questions

Scale	Words/Phrase	Meanings
<i>ILS</i>	Q1 Embarrass	<ul style="list-style-type: none"> ▪ To makes me feel ashamed (I'm ashamed of my English when I talk to people.)
	Q3 Academic performance	<ul style="list-style-type: none"> ▪ Abilities/skills to do for class activities and assignments as well as grades
	Q13 Selfish	<ul style="list-style-type: none"> ▪ Concerned with his/her own interests without care for others ▪ Egoistic
<i>Core</i>	Q5-f GED tests	<ul style="list-style-type: none"> ▪ General Educational Development Tests (If one passes the GED tests, he/she can earn a degree equivalent to a high school diploma.)
	Q5-h Prerequisite courses	<ul style="list-style-type: none"> ▪ Courses necessary to take before taking certain courses.
	Q5-i No specific intent	<ul style="list-style-type: none"> ▪ You have no special educational purpose for attending the ESL program
	Q6-e Abide by	<ul style="list-style-type: none"> ▪ To Obey ▪ To do what one is asked or ordered to do by someone
	Q7-a Breaks the ice	<ul style="list-style-type: none"> ▪ To begin to be friendly with people one did not know before ▪ (A few drinks will help to break the ice at the party.)
	Q7-b Enhance	<ul style="list-style-type: none"> ▪ To increase (good things); improve
	Q7-d	<ul style="list-style-type: none"> ▪ Facilitate ▪ Peers ▪ To make it easier ▪ People who are equal in age, class level, school grade, etc.
	Q7-g Facilitates female bonding	<ul style="list-style-type: none"> ▪ To make it easier for women to get connected with other women
	Q8-d Adversely affects your involvement	<ul style="list-style-type: none"> ▪ To cause some negative result or change in your participation
	Q16-a Hangover	<ul style="list-style-type: none"> ▪ The feeling of headache, sickness, etc. after drinking especially the next morning
	Q16-f Nauseated	<ul style="list-style-type: none"> ▪ A feeling of sickness and desire to throw up (to vomit)
	Q16-l Regret	<ul style="list-style-type: none"> ▪ To feel sorry about something you have done ▪ You wish that you had not done it.
	Q16-m DWI DUI	<ul style="list-style-type: none"> ▪ Driving While the Intoxicated ▪ Driving Under the Influence (driving under the influence of alcohol or drugs) ▪ These terms (DWI & DUI) are often used interchangeably.
	Q-16n Have been taken advantage of sexually	<ul style="list-style-type: none"> ▪ You made a wrong behavior choice because you were drunk
	Q16-o Have taken advantage of another sexually	<ul style="list-style-type: none"> ▪ You took advantage of someone else sexually while someone was drunk.

APPENDIX H

Legal Residency

Variables	Total (N = 269)	F-1 Students (N = 126)	Non-F-1 Students (N = 136)
	%	%	%
Asia	61.8		
Korea	31.2	54.8	11.0
Vietnam	7.1	2.4	11.8
Thailand	3.7	5.6	2.2
Pakistan	2.6	-	5.1
India	2.6	.8	4.4
China	2.2	2.4	2.2
Taiwan	1.9	.8	2.9
Japan	1.9	2.4	1.5
Iran	1.9	-	3.7
Afghanistan	1.5	-	2.9
Nepal	1.1	.8	1.5
Philippine	1.1	.8	1.5
Laos	.7	1.6	-
Indonesia	.7	1.6	-
Sri Lanka	.4	-	.7
Bangladesh	.4	-	.7
Cambodia	.4	-	2.9
Hong Kong	.4	.8	-
Latin America	16.0		
Bolivia	3.3	-	5.9
Peru	3.3	2.4	4.4
El Salvador	3.0	1.6	4.4
Colombia	2.6	2.4	2.9
Venezuela	1.9	1.6	2.2
Ecuador	1.1	.8	1.5
Argentine	.4	.8	-
Guatemala	.4	.8	-
Africa	5.9		
Ethiopia	1.5	-	2.9
Ghana	.7	-	1.5
Morocco	.7	.8	.7
Sierra Leon	.7	-	1.5
Somalia	.7	-	1.5
Botswana	.4	.8	-
Cameroon	.4	-	.7
Algeria	.4	-	.7
Tunisia	.4	.8	-
Middle East	1.5		
Turkey	1.1	2.4	-
Egypt	.4	-	.7

Europe	5.4		
France	1.5	3.2	-
Russia	1.1	-	2.2
Belarus	.4	-	.7
Eritrea	.4	-	.7
Lithuania	.4	.8	-
Poland	.4	.8	-
Armenia	.4	.8	-
Germany	.4	.8	-
Macedonia	.4	.8	-
N. America	.4		
U.S. A.	.4	-	.7

APPENDIX I

Ethnic Origin

Variables	Total (N = 269)	F-1 Students (N = 126)	Non-F-1 Students (N = 136)
	%	%	%
European			
Russian	1.1	-	2.2
Lithuanian	.4	.8	-
Eritrean	.4	-	.7
Slavic	.4	-	.7
Armenian	.4	-	.7
Macedonian	.4	.8	-
Polish	.4	.8	-
Non-European			
Korean	31.2	54.8	11.0
Vietnamese	8.2	4.8	11.8
Chinese	3.7	3.2	4.4
Hispanic	3.3	-	6.6
Colombian	2.2	2.4	2.2
Indian	2.2	.8	3.7
Iranian	1.9	-	3.7
Chinese-Thai	1.9	3.2	.7
Bolivian	1.9	-	2.9
Spanish	1.9	-	3.7
Peruvian	1.9	1.6	2.2
Thai	1.9	2.4	1.5
Venezuelan	1.9	1.6	2.2
Latino	1.5	1.6	1.5
Asian	1.5	.8	2.2
Pakistani	1.5	-	2.9
Ethiopian	1.5	-	2.9
Japanese	1.5	1.6	1.5
Turkish	1.1	2.4	-
Nepali	1.1	.8	1.5
Afghan	.7	-	1.5
Indonesian	.7	1.6	-
Arabic	.7	.8	1.5
Filipino	.7	-	.7
Muslim	.7	-	1.5
Laotian	.7	1.6	-
Ecuadorian	.7	.8	.7
Sierra Leone	.7	-	1.5
Somali	.7	-	1.5
Senegalese-French	.4	.8	-
Cambodian	.4	-	.7
Latin	.4	-	.7
Spanish/Latin	.4	.8	-
Senegalese	.4	.8	-
Persian	.4	-	.7
African	.4	-	.7

Argentina	.4	.8	-
Kuwaiti	.4	-	.7
Taiwanese	.4	-	.7
Bangladesh	.4	-	.7
Botswana	.4	.8	-
Moroccan	.4	.8	-
Sri Lankan	.4	-	.7
Malaysian-Chinese	.4	.8	-
Guatemalan	.4	.8	-
Japanese-Thai	.4	.8	.7
Cameroon-French	.4	-	.7
Ghanaian-English	.4	-	.7
Tagalong	.4	-	.7
Tunisian	.4	.8	-

APPENDIX J

Educational Intention and Support Systems

Category	Total ^a		Drinking ^b				Not Drinking ^c			
			F-1		Non-F-1		F-1		Non-F-1	
	Female (N= 142)	Male (N=122)	Female (N=54)	Male (N= 52)	Female (N=35)	Male (N=45)	Female (N= 12)	Male (N= 8)	Female (N= 40)	Male (N= 15)
	% ^a	% ^a	% ^a	% ^a	% ^a	% ^a	% ^a	% ^a	% ^a	% ^a
Educational purpose										
To earn a career program degree and then go to work	27.4	34.4	24.1	36.5	22.9	35.6	41.7	25.0	30.0	33.3
To take courses in a career program and find a job without earning a degree	4.1	2.5	3.7	1.9	.0	4.4	.0	.0	10.0	.0
To improve skills for my present job	4.8	4.1	5.6	3.8	8.6	2.2	.0	25.0	2.5	.0
To earn a degree and transfer to a 4 year college/university	38.4	32.8	29.6	28.8	40.0	40.0	50.0	12.5	47.5	40.0
To take course to transfer to a 4 year college/university Without earning a degree	4.1	7.4	5.6	7.7	2.9	8.9	.0	12.5	5.0	.0
To prepare for GED test or improve basic academic skills	.7	.8	1.9	1.9	.0	.0	.0	.0	.0	.0
To take courses for personal interest/self-development	10.3	11.5	22.2	15.4	8.6	4.4	.0	12.5	.0	13.3
To take prerequisite courses for second degree	3.4	.8	3.7	.0	5.7	2.2	.0	.0	2.5	.0
No specific intent	.7	.0	.0	.0	2.9	.0	.0	.0	.0	.0
Other	3.4	5.7	1.9	3.8	8.6	2.2	.0	.0	2.5	13.3
Support from School										
I feel valued as a person on this campus										
Strongly agree/Agree	47.9	46.8	35.2	38.5	57.2	57.7	33.3	75.0	62.5	33.3
Neutral	36.3	37.7	44.4	44.2	34.3	33.3	66.7	25.0	20.0	46.7
Disagree/Strongly disagree	6.9	10.6	16.7	17.3	5.8	11.1	.0	.0	5.0	6.7
I feel that faculty and staff care about me as a student										
Strongly agree/Agree	50.7	50.0	38.9	40.4	48.6	64.4	58.3	62.5	65.0	40.0
Neutral	34.2	35.2	44.4	42.3	42.9	22.2	33.3	37.5	17.5	46.7
Disagree/Strongly disagree	7.5	13.1	13.0	17.3	8.6	13.3	8.3	.0	7.5	.0
My campus encouraged me to help others in need										
Strongly agree/Agree	33.5	32.8	14.8	25.0	40.0	35.6	33.3	37.5	52.5	53.3
Neutral	42.5	42.6	48.1	53.8	42.9	35.6	58.3	50.0	35.0	20.0
Disagree/Strongly disagree	14.4	18.1	26.0	19.2	14.3	20.0	8.3	12.5	2.5	13.4

(table continues)

Educational Intention & Support Systems (continued).

Category	Total ^a		Drinking ^b				Not Drinking ^c			
			F-1		Non-F-1		F-1		Non-F-1	
	Female (N = 146)	Male (N = 122)	Female (N = 54)	Male (N = 52)	Female (N = 35)	Male (N = 45)	Female (N = 12)	Male (N = 8)	Female (N = 40)	Male (N = 15)
	% ^a	% ^a	% ^a	% ^a	% ^a	% ^a	% ^a	% ^a	% ^a	% ^a
Place where my best friend lives										
U.S. (with/near you)	28.8	31.1	14.8	15.4	48.6	51.1	25.0	25.0	32.5	33.3
U.S. (far away from you)	8.2	6.6	5.6	1.9	5.7	13.3	8.3	.0	15.0	6.7
Home country	56.8	55.7	77.8	76.9	42.9	35.6	66.7	75.0	45.0	40.0
Other	2.7	4.1	1.9	3.8	2.9	.0	.0	.0	5.0	20.0
Do you have Someone with whom you can talk openly?										
Yes, in the U.S. near you	58.2	52.5	53.7	42.3	71.4	64.4	41.7	37.5	62.5	66.7
Yes, in the U.S. away from you	9.6	10.7	14.8	17.3	8.6	4.4	8.3	12.5	5.0	6.7
Yes, in my home country	19.9	22.1	25.9	26.9	14.3	20.0	41.7	37.5	12.5	6.7
No	9.6	12.3	5.6	13.5	5.7	11.1	8.3	12.5	20.0	13.3
Frequency of communication with the person you can talk openly ^d										
1-2 per week	34.9	33.6	38.9	42.3	8.6	6.7	41.7	50.0	32.5	26.7
3-4 per week	12.3	18.9	13.0	15.4	34.3	24.4	25.0	12.5	5.0	13.3
5-6 per week	8.9	10.7	5.6	7.7	14.3	26.7	.0	.0	15.0	20.0
everyday	28.1	16.4	35.2	11.5	11.4	13.3	25.0	12.5	20.0	26.7
None	6.2	6.6	3.7	7.7	31.4	20.0	.0	.0	10.0	6.7

^a Total percentages do not add to 100% due to missing data in each category

^b Respondents who have consumed alcohol to at least some extent in the past year

^c Respondents who have not consumed alcohol or unclear whether they have consumed alcohol in the past year

^d Respondents are only those who have someone with whom they can talk openly.

Appendix K

Revised Drinking Motivation Questionnaire (Supplement to Table 5.7)

DMQ-R Subscale ^a	Social motives			Enhancement motives		Coping motives		Conformity motives	
	<i>N</i>	<i>M</i>	<i>SD</i>	<i>M</i>	<i>SD</i>	<i>M</i>	<i>SD</i>	<i>M</i>	<i>SD</i>
Cooper ^b	2,052	2.46	.98	2.15	1.01	1.60	.75	1.38	.61
Theakston et al. ^c	581	3.01	1.01	2.49	1.09	1.71	.80	1.39	.57
Current Study									
Total	248	2.35	1.11	1.85	.97	1.78	.90	1.65	.78
Female	134	2.22	1.10	1.67	.86	1.70	.91	1.51	.65
Male	114	2.50	1.08	2.05	1.06	1.90	.90	1.82	.88
F-1 students	123	2.67	1.07	2.14	1.04	1.99	.91	1.87	.79
Female	64	2.58	1.06	1.93	.94	1.91	.94	1.67	.66
Male	59	2.78	1.09	2.37	1.10	2.07	.87	2.08	.86
Non-F-1 students	125	2.03	1.05	1.56	.81	1.57	.85	1.43	.70
Female	70	1.90	1.06	1.43	.69	1.45	.80	1.34	.57
Male	55	2.22	1.01	1.73	.93	1.74	.91	1.56	.83

^a Subscale scores range 1 to 5, where higher scores indicate greater motivation for drinking. The original items were coded 1 = “almost never/never” to 5 = “always/almost always”.

^b From Cooper (1994) with adolescents

^c From Theakston et al. (2004) with undergraduate students (Asian ethnicity = 290; non-Asian ethnicity = 291)

APPENDIX L

Frequency of Alcohol-Related Negative Consequences

Frequency of Alcohol-Related Negative Consequences ^a

		All Students			Drinking Students				
		Consequences	N	Freq.	%	Consequences	N	Freq.	%
1	Had a hangover					Had a hangover			
	F-1		124	56	45.2	F-1	104	55	52.9
	Non-F-1		128	35	27.3	Non-F-1	74	33	44.6
2	Nauseated or vomited					Nauseated or vomited			
	F-1		122	46	37.7	F-1	102	44	43.1
	Non-F-1		128	29	22.7	Non-F-1	74	28	37.8
3	Later regretted action					Later regretted action			
	F-1		124	46	37.1	F-1	104	45	43.3
	Non-F-1		128	17	13.3	Non-F-1	74	17	23.0
4	Poor test score					Poor test score			
	F-1		124	35	28.2	F-1	104	34	32.7
	Non-F-1		128	14	10.9	Non-F-1	74	13	17.6
5	DWI					DWI			
	F-1		122	29	23.8	F-1	102	29	28.4
	Non-F-1		128	18	14.1	Non-F-1	74	18	24.3
6	Missed a class					Missed a class			
	F-1		123	30	24.4	F-1	103	29	28.2
	Non-F-1		127	15	11.8	Non-F-1	73	13	17.8
7	Had a memory loss					Had a memory loss			
	F-1		123	28	22.8	F-1	103	28	27.2
	Non-F-1		128	16	12.5	Non-F-1	74	15	20.3
8	Been criticized					Been criticized			
	F-1		123	30	24.4	F-1	103	29	28.2
	Non-F-1		128	14	10.9	Non-F-1	74	13	17.6
9	Argument or fight					Argument or fight			
	F-1		122	13	10.7	F-1	102	12	11.8
	Non-F-1		128	14	10.9	Non-F-1	74	13	17.6
10	Tried, failed to stop					Tried, failed to stop			
	F-1		123	15	12.2	F-1	103	15	14.6
	Non-F-1		128	7	5.5	Non-F-1	74	7	9.5
11	Thought I had a problem					Thought I had a problem			
	F-1		123	14	11.3	F-1	103	14	13.6
	Non-F-1		128	7	5.5	Non-F-1	74	6	8.1
12	Been taken advantage of sexually					Been taken advantage of sexually			
	F-1		123	11	8.9	F-1	103	11	10.7
	Non-F-1		128	8	6.3	Non-F-1	74	8	10.8
13	Taken advantage of sexually					Taken advantage of sexually			
	F-1		123	10	8.1	F-1	103	10	9.7
	Non-F-1		128	3	2.3	Non-F-1	74	3	4.1
14	Been hurt, injured					Been hurt, injured			
	F-1		123	8	6.5	F-1	103	8	7.8
	Non-F-1		128	4	3.1	Non-F-1	74	4	5.4
15	Trouble with police, etc					Trouble with police, etc			
	F-1		122	6	4.9	F-1	102	6	5.9
	Non-F-1		128	3	2.3	Non-F-1	74	3	4.1
15	Property damage, fire alarm					Property damage, fire alarm			
	F-1		122	6	4.9	F-1	102	6	5.9
	Non-F-1		128	0	0.0	Non-F-1	74	6	8.1
15	Thought about suicide					Thought about suicide			
	F-1		122	6	4.9	F-1	102	6	5.9
	Non-F-1		128	1	.7	Non-F-1	74	1	1.4
18	Attempt suicide					Attempt suicide			
	F-1		123	5	4.1	F-1	103	5	4.9
	Non-F-1		128	1	.8	Non-F-1	74	0	.0
19	Arrested for DWI/DUI					Arrested for DWI/DUI			
	F-1		123	4	3.3	F-1	103	4	3.9
	Non-F-1		128	1	.8	Non-F-1	74	1	1.4

^a Ranking is based on all students including both F-1 and non-F-1 students.

APPENDIX M

Institutional Review Board Approval Letter

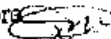
Institutional Review Board

Dr. David M. Moore
IRB (Human Subjects) Chair
Assistant Vice President for Research Compliance
CVM Phase II- Duckpond Dr., Blacksburg, VA 24061-0442
Office: 540/231-4991; FAX: 540/231-6033
email: moored@vt.edu

DATE: February 1, 2005

MEMORANDUM

TO: Nancy E. Bodenhorn Educational Leadership & Policy St. 0302
Gabriella M. Belli Educational Leadership & Policy St. 0362
Chieko Koyama No. VA Center 0224

FROM: David Moore 

SUBJECT: **IRB Expedited Approval:** "Acculturation Stress and Alcohol Use" IRB #
05-064

This memo is regarding the above-mentioned protocol. The proposed research is eligible for expedited review according to the specifications authorized by 45 CFR 46.110 and 21 CFR 56.110. As Chair of the Virginia Tech Institutional Review Board, I have granted approval to the study for a period of 12 months, effective January 31, 2005.

Virginia Tech has an approved Federal Wide Assurance (FWA00000572, exp. 7/20/07) on file with OHRP, and its IRB Registration Number is IRB00000667.

cc: File