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BINGE DRINKING PATTERNS
AND FAMILY HISTORY:
AN ANALYSIS OF NON-TRADITIONAL
COLLEGE STUDENTS

THOMAS R. J. KELLY

To the Graduate and Research Council:

I am submitting herewith a thesis written by Thomas R.J. Kelly entitled "Self-Reported Alcohol Consumption and Parental Patterns of Use: An Analysis of Non-traditional College Students." I have examined the final copy of this thesis for form and content and recommend that it be accepted in partial fulfillment of the requirements for the degree of Master of Science, with a major in Psychology.

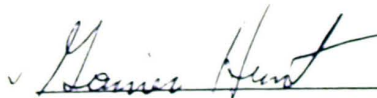

Dr. Samuel Fung, Major Professor

We have read this thesis
and recommend its acceptance:





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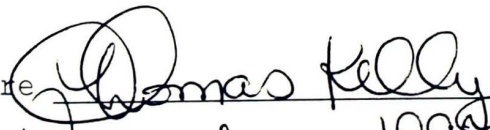


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Signature

 Thomas Kelly

Date

November 1994

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AND FAMILY HISTORY:
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COLLEGE STUDENTS

A thesis
Presented for the
Master of Science
Degree
Austin Peay State University

Thomas R. J. Kelly

November 1997

DEDICATION

This thesis is dedicated
to everyone who has ever
had a dream.

And to my parents
Tom and Cheryl Kelly,
my wife, Tammy,
thank you for your love,
patience and discipline
and for allowing me this opportunity.

ACKNOWLEDGMENTS

The author wishes to express appreciation to Dr. Samuel Fung for allowing me to go on endlessly with the development and completion of this thesis and for the patience to answer all my questions. To Dr. Charles (Buddy) Grah, thanks for the assistance in dealing with a statistical incompetent. To Dr. Stuart Bonnington, I send heart-felt thanks for the encouragement and asking the question, "What's new or different?", and accepting my answers. To Dr. Richard Rubes and the Staff of Child and Adolescent Psychiatric Services, thank you for your continued encouragement.

I want to acknowledge Ms. Diane Berty, Office of LifeChoices, and Toby Schermer, for their encouragement, friendship and guidance. Their assistance and constant interest in the completion of this thesis was immeasurable and indispensable.

To my children, Tessa and Tye, thank you for your patience and I will return the favor when it is your turn. Most of all I thank God for strength and providing me with my wife, Tammy. Her spirit, thoughtfulness and faith is undauntable.

ABSTRACT

This research attempted to investigate the gender difference in self-reported alcohol use by "non-traditional" college students, defined as undergraduate students 24 years of age and older. It was hypothesized that male nontraditional students would binge drink more often than their female counterparts. It was further hypothesized that males would report higher incidence of family history for parental use.

Results were non-significant and possible reasons for this failure to reject the null hypothesis were discussed. One finding was the low amount of alcohol consumption reported among nontraditional students in general, but that 14% of males and 12% of females reported binge drinking.

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CHAPTER 1

Review of Literature

Since Alcoholism was first recognized as a disease by the American Medical Association in 1956, there has been continuing investigation into the prevalence and epidemiology of the disease (Hays and Spickard, 1987). Research suggests there are approximately ten million severe alcoholics and another seven to eight million abusers in the United States (Twerski, 1991). Pardeck (1991) stated it can be presumed that the most abused of all drugs affects approximately 50% of the population and many millions more abuse other drugs. Additional research says that although the adolescents and young adults of today are not "stupid" they are willing to take the chance of abusing drugs because they are "desperate" (Twerski, 1991). Young people are desperate to be included and desperate to experience what they perceive as adult. Statistics on drinking behaviors state that roughly 70% of high school seniors use alcohol annually (Pardeck, 1991). Pardeck further notes that half these adolescents drink weekly and approximately 6% drink daily. As these students enter college, their drinking behavior increases, perhaps as an attempt to have one last fling before taking on the responsibilities of an adult (Gleason, 1994). Presley, Meilman, and Lyerla (1994) have found in analyzing two years of data that alcohol is the

most widely used drug on American college campuses; the average male student consumes 7.5 drinks per week and female students consume 3.2 drinks per week. Meilman (1992) also states that because most chemically abusing individuals refuse or reject treatment college students are placed in greater risk.

Research is inconclusive as to the frequency of use. Presley, Meilman, and Lyster (1994) state 85% of students report drinking at least once in the last year. Self reporting measures conducted found that 54% of males reported drinking at least once a week, whereas 39% of females reported weekly drinking patterns. Pardeck (1991) reports survey findings in which 70% of males and as high as 50% of females report drinking weekly. Gleason (1994) cites findings that though drinking behavior has been declining since 1980, women's alcohol use has remained constant.

Brown, Creamer, and Stetson (1987) hypothesized that since peer relations are stronger influences on behavior that the influence of parents and significant others may be small. Other studies have shown that time spent with friends may affect the predictability of use in later adolescence and into adult life (Donnermeyer and Huang, 1991). Adler and Kandel (1982) found American youth were far more influenced by their peers than in other countries. Drinking perceptions and the notion of what is considered

"heavy" or harmful drinking varies from society to society (Kolata, 1988) and this may be true from person to person. Reported studies of 34 New England colleges found that proportionally more students defined as "heavy drinkers" defined their fathers as heavy or problem drinkers (Clayton, 1987).

In formulating the rational choice model Smith and McCauley (1991) found the tendency of individuals to drink, whether moderately or in an abusive pattern, may be based on ideas of personal reward and perceived costs. The researchers further report that men drink more often, in greater quantities, with more reporting of "drunk" episodes. Hickenbottom, Bissonette, and O'Shea (1987) found evidence to suggest many college students involved in heavy drinking patterns will show a decrease in this behavior over their college career.

Dickson (1994, unpublished master's thesis) stated approximately 13% of college-aged men and women can actually be diagnosed as chemically dependent. An additional 6% to 10% engage in abusive drinking practices. The long association of college life and alcohol has long been known. So great is the harm from this association that 97% of campuses now have alcohol education and prevention programs (Carey, 1993). Berkowitz and Perkins (1986) identify the long history of alcohol in the college social environment

and its impact on the student. Posavac's (1993) research suggests that students' perceptions of personal and peer use may be indicative of the greater aspects of the problem. Meilman (1992) cites a report, to the AAA Foundation for Public Safety, revealing that binge drinking (e.g., five or more drinks in a row at one sitting) is a normative pattern in college settings. Apart from studies on perceptions there is continuing research as to additional motivators affecting the individual's decision to drink (Bradley, Carman, & Petree, 1991). The researchers have found varying degrees of negative self-perception, positive-social expectation, social alienation, and disconnection from basic life roles as influential determinants to heavy drinking patterns. Elevated expectations of the effects of alcohol have been found in heavy drinking samples of college students and mental health patients (Brown, Creamer, and Stetson, 1987). Adult children of alcoholics (ACOAs) have also been found to be at greater risk for developing drinking problems (Rodney, 1994). Other research further identifies that children of parents with positive histories for alcohol-abusing expect more cognitive and motor enhancement from drinking than adolescents with no family history of abuse (Brown, Creamer, and Stetson, 1987).

Dickson (1994) used the Core Survey to assess the traditional-aged drinking patterns on the APSU campus. He

further identified the off-campus, commuter population as the group that reported frequencies of use heavier than the resident population. The study concluded that many students (5% of residents and 13% of nonresidents) involved in binge/heavy drinking behaviors. The population (N=319), yielded significant results (Chi square = 17.3, df=1, $p < .05$). As many non-traditional students live off campus the results pointed to the need to further studies.

As reports place the population of ACOAs as high as 10%, one million college and university students may be at increased risk and suggest that 240,000 to 360,000 of the current college and university population will die from alcohol related causes (Eigen, 1991). Riccelli (1987) cites findings, of this number, only about 5% actually receive any professional treatment. In attempting to discern the importance of programs to meet the needs of the non-traditional student population, regarding alcohol and other drug prevention, a clear and accurate accounting of the use behaviors of this population is needed. The variations of use between the sexes and the frequency of heavy or "binge," defined as five or more drinks in one setting, needs to be assessed. Further, the identification of the ACOA population among nontraditional students may be important to further efforts of affecting use behaviors in the campus social environment. Considering the cyclic

nature of the problem, colleges and universities must target programming for this group as it would for any other subculture in the campus community.

It was hypothesized that male non-traditional students would self-report more "binge drinking" behaviors than their female counterparts and that the male non-traditional population would also report a higher incidence of positive family history for chemical use/abuse than the female non-traditional population of this campus.

CHAPTER 2

Methods

Participants

Participants for the study were part of the CORE assessment given during the spring semester, 1994. At the time of administration 55% of the sample (n=345) were classified as "typical" or "traditional" aged. The remaining 45% (n=283) was used to derive data for analysis. A further division separated those 23 and under and subjects 24 years of age and over. Only undergraduates 24 years of age and over were included in the final analysis (N=106). Participants ranged in age from 24 to 51 with a mean age of 31.

Materials

The Core Alcohol and Drug Survey (also known as Core Survey) is a 39-item self-report questionnaire covering the following topical areas: demographics (including the year in school, age, ethnic origin, marital status, and gender); working and living arrangements; academics; perceptions of campus substance abuse policies and their enforcement; average number of drinks consumed per week; frequency of binge drinking; patterns of use of alcohol, tobacco, marijuana and other drugs commonly abused; age of first use; perceptions of others' use; location and consequences of use; family history of substance abuse problems; and the

individual's desire for an alcohol-free and/or drug-free social environment.

The Core Survey is specifically designed for use by institutions of higher education. Initial administration involved 78 institutions and over 58,625 students (Presley, Meilman and Lyerla, 1994). The present survey being normed on 96 institutions with 76,432 participants (Presley, Meilman and Lyerla, 1993). Reliability and validity of the Core Survey has been achieved with the inter-rater agreement of .90. The construct validity ranges from .05 to .72 across various domains and Pearson Product Correlations .00 (due to nonsensical or omitted items) to 1.00 indicating stability and internal reliability .

Procedure

The data used is from archival records of an administration of the Core Survey occurring on Austin Peay State University campus during Spring Semester 1994. Permission to administer the Core Survey was secured by the Office of LifeChoices/Alcohol and Drug Prevention through the APSU Human Subjects Review Committee. Permission was then granted for this thesis endeavor by Diane Berty, director of the Office of LifeChoices/Alcohol and Drug Prevention (see Appendix A). Surveys were sent via interoffice communication to the faculty of Monday, Wednesday and Friday 10:00 a.m. classes. The classes chosen

represented an estimate sample of the population in the various colleges. The time slot was assigned after contacting the APSU Office of Registration and establishing this it as the high census period on campus. All classes were randomly selected from the total course offerings of the University. Each college sampling was chosen separately to ensure an approximation of appropriate student representation at the selected time. All college faculty were notified via a letter as to the intent and purpose of the administration. Instructions for administration accompanied each batch of surveys to the specific faculty member (see Appendix B). Participation was voluntarily with completion of the survey during class hours.

Once administered, the instruments were collected by office staff, including specific student employees of LifeChoices, from the assigned class faculty member(s). Upon receipt, all instruments were sent to the University of Minnesota, UCCS/ Office of Measurement Services, for machine scoring. All data collected was processed by optical scanning for inclusion in consortium and country wide databases.

Data collected was without specific information of the participant. Anonymity was further secured as the author never handled the questionnaires as part of the survey collection. The data was secured from the Office of

Measurement Services by purchasing the raw data in ASCII format to use with the SPSS/SX statistical program. Topical areas of interest to support findings included items #one; classification, #two; age, #five; sex, #14; number of drinks consumed in one sitting in the last two weeks and #22 reported family use(see Appendix C). Age and class ranking were used as this research was clearly looking at behaviors of the non-traditional student population. This population was defined as students attending undergraduate classes (first-year, sophomore, junior, and senior status) and reporting their age to be twenty-four (24) years of age and over. This age range was chosen after discussion with the APSU Adult Services program director, Elaine Horn, as to Austin Peay State University's classification of undergraduates as non-traditional students (personal communication, June 16, 1994).

A frequency distribution table was devised, following the research of Dickson (1994) to separate the respondents by gender and drinking response and gender and family history. Since the responses of drinking episodes were categorical; none, once, twice, three to five times, six to nine times, and 10 or more times; and the responses to question #22 family use were also categorical, mother, father, step-father, step-mother, etc., and gender was the basis for grouping, the chi-square test for independent

groups was used to test for statistical difference between the reporting groups. Information reported on family member alcohol and drug problems was tallied and a Chi-Square was used to look at differences in gender reporting.

CHAPTER 3

Results

This study hypothesized that non-traditional male students would report higher incidents of "binge" drinking behaviors over their female non-traditional counterparts.

Eleven (11) cases were missing from the data leaving (n=95). Table 1 reflects the expected frequencies and distribution of responses. The resulting Chi-square analysis (Chi-square =6.616, df=4, $p<.187$) found that the responses were distributed at levels expected by chance, no significant difference appeared between the gender responses (see Table 1).

Table 1

Number of "binge" episodes in 2 weeks; Gender Based

	None	Once	Twice	3-5X	6-9X	Totals
Male	18 (18.35)		3 (1.11)			21 22.1%
Female	65 (64.65)	2 (1.56)	2 (3.95)	4 (3.12)	1 (0.78)	74 77.9%
Totals	83 (87.4%)	2 (2.1%)	5 (5.3%)	4 (4.2%)	1 (1.1%)	95 100%

A second Chi-Square analysis was computed. This computation involved collapsing the original collected data into two distinct categories. The gender responses were divided into Yes and No responses to question # 14; No(N), no "binge" (five plus drinks at one sitting) and Yes (Y), self-reported consumption of five or more drinks in past two weeks. The resulting Chi-square ($\chi^2 = .0679$, $df=1$, $p < .80$) showed that there was no significant difference between gender responses when collapsed to account for empty cells (see table 2).

Table 2

Number of "binge" episodes in 2 weeks; Gender Based

No(N) "Binge" Behavior vs. Yes(Y) "Binge" Behavior

	No	Yes	Row Totals	χ^2	df	p
Male	18 (18.35)	3 (2.65)	21	0.0679	1	<.80
Female	65 (64.65)	9 (9.35)	74			
Totals	83	12	95			

For the second hypothesis a Chi-Square analysis was used to determine differences in gender reporting of family history of alcohol and or drug use (item # 22, See Table 3).
Table 3

Gender Differences in self reported family history

	Male	Female	Row Totals	χ^2	df	p
Yes (Y)	4	26	30	2.757	1	<.10
	(7.02)	(22.98)				
No (N)	18	46	64			
	(14.98)	(49.02)				
Totals	22	72	94			

Missing items accounted for 12 participants not included in the data (N=106). The result (Chi-square = 2.757, df=1, $p < .10$) thus the null hypothesis could not be rejected, there was no difference in the gender reporting of family history.

CHAPTER 4

Discussion

This study hypothesized that male non-traditional students would report higher rates of "binge" drinking behavior than their female peers and that males would report a higher frequency of family members reported to have problematic alcohol and drug use. Although female non-traditionals that self-reported use, did so more frequently than did the male sample, the difference is not statistically significant. This result may be attributed to the low male sample and the fact that many non-traditional students, at the time of this survey administration, did not report using alcohol. Considering the number of missing items, primarily due to survey questions not bubbled in, the results may still be questioned. The data does suggest that there is a number of non-traditional female students that meet the criteria of ACOA's in this study. This may be due to Austin Peay's proximity to a major military post, allowing older females to continue or pursue their degrees and/or other economic factors that effect career opportunities increasing the need for advanced degrees among individuals defined as "non-traditional" and "Adult Children of Alcoholics". The findings lend support to the idea that the use of alcohol is a social behavior for a minority of non-traditional students completing this survey.

Approximately 83% of respondents report no use in the 2 previous weeks. The data reflects a need to continue the research in this area. Perhaps further exploration of the socio-economic factors, the possible presence of spouses and dependent minors, and how they may effect the drinking behavior of this population needs to be conducted by interested policy makers. If college and university systems are concerned with the welfare of students it may be necessary to address these issues. Especially if there is an intention to meet students' continuing needs and to provide an adequate and fulfilling learning experience for the individual.

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APPENDICES

APPENDIX A

Permission to Use

I Diane Diane Berty, Director of LifeChoices,
Austin Peay State University, hereby give permission to the
author of this thesis to use data from the 1994 CORE. I will
attest that this data was collected as described herein and is
being used with the full consent of this office.

11-15-94

APPENDIX B

INFORMATION FOR ADMINISTERING THE CORE INSTRUMENT

1. Please read the Informed Consent before students complete the survey. Please emphasize that the survey provides for their anonymity.
2. The survey should be completed using a #2 pencil. Number two pencils are provided for convenience.

Please Read Prior to Test Administration

INFORMED CONSENT STATEMENT

The purpose of this investigation is to provide information concerning the use patterns of alcohol and other drugs by Austin Peay State University students. This will provide the Alcohol and Drug Prevention office with information necessary for appropriate programming. Your responses are confidential. At no time will you be identified nor will anyone other than the investigators have access to your responses. There are no known negative consequences associated with taking this Survey. The demographic information collected will be used only for purposes of analysis. Scoring of the survey will be conducted by an outside, independent agency. Your participation is completely voluntary, and you are free to terminate your participation at any time without any penalty.

Thank you for your cooperation.

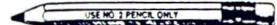
Are there any questions?

APPENDIX C

Core Alcohol and Drug Survey

For use by two- and four-year institutions

FIPSE Core Analysis Grantee Group



Please use a number 2 Pencil.

Processed by: UCCS/Office of Measurement Services
University of Minnesota
2520 Broadway Drive - Room 130
St. Paul, MN 55113-5100

FORM 191

For additional use:

A	0	1	2	3	4	5	6	7	8	9
B	0	1	2	3	4	5	6	7	8	9
C	0	1	2	3	4	5	6	7	8	9
D	0	1	2	3	4	5	6	7	8	9
E	0	1	2	3	4	5	6	7	8	9

1. Classification:

- Freshman ☐
Sophomore ☐
Junior ☐
Senior ☐
Grad/professional ☐
Not seeking a degree ☐
Other ☐

2. Age:

0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

3. Ethnic origin:

- American Indian/Alaskan Native ☐
Hispanic ☐
Asian/Pacific Islander ☐
White (non-Hispanic) ☐
Black (non-Hispanic) ☐
Other ☐

4. Marital status:

- Single ☐
Married ☐
Separated ☐
Divorced ☐
Widowed ☐

5. Gender:

- Male ☐
Female ☐

6. Is your current residence as a student:

- On-campus ☐
Off-campus ☐

7. Are you working?

- Yes, full-time ☐
Yes, part-time ☐
No ☐

9. Approximate cumulative grade average: (choose one)

- ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
A+ A A- B+ B B- C+ C C- D+ D D- F

10. Some students have indicated that alcohol or drug use at parties they attend in and around campus reduces their enjoyment, often leads to negative situations, and therefore, they would rather not have alcohol and drugs available and used. Other students have indicated that alcohol and drug use at parties increases their enjoyment, often leads to positive situations, and therefore, they would rather have alcohol and drugs available and used. Which of these is closest to your own view?

Have available Not have available

- With regard to drugs? ☐ ☐
With regard to alcohol? ☐ ☐

8. Living arrangements

A. Where: (mark best answer)

- House/apartment/etc. ☐
Residence hall ☐
Approved housing ☐
Fraternity or sorority ☐
Other ☐

B. With whom:

(mark all that apply)

- With roommate(s) ☐
Alone ☐
With parent(s) ☐
With spouse ☐
With children ☐
Other ☐

11. Student status:

- Full-time (12+ credits) ☐
Part-time (1-11 credits) ☐

13. Place of permanent residence:

- In-state ☐
USA, but out of state ☐
Country other than USA ☐

12. Campus situation on alcohol and drugs:

- | | yes | no | don't know |
|--|-----------------------|-----------------------|-----------------------|
| a. Does your campus have drug and alcohol policies? | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. If so, are they enforced? | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. Does your campus have a drug and alcohol prevention program? | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. Do you believe your campus is concerned about the prevention of drug and alcohol use? | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| e. Are you actively involved in efforts to prevent drug and alcohol use problems on your campus? | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

14. 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 ☐

15. Average # of drinks* you consume a week

--	--

- (If less than 10, code answer as 01, 02, etc.)
- | | |
|---|---|
| 0 | 0 |
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 4 | 4 |
| 5 | 5 |
| 6 | 6 |
| 7 | 7 |
| 8 | 8 |
| 9 | 9 |

16. At what age did you first use... (mark one for each line)

- | | Never | Under 10 | 10-11 | 12-13 | 14-15 | 16-17 | 18-20 | 21-25 | 26+ |
|-------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| a. Tobacco (smoke, chew, snuff) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. Alcohol (beer, wine, liquor)* | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. Marijuana (pot, hash, hash oil) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. Cocaine (crack, rock, freebase) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| e. Amphetamines (diet pills, speed) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| f. Sedatives (downers, ludes) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| g. Hallucinogens (LSD, PCP) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| h. Opiates (heroin, smack, horse) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| i. Inhalants (glue, solvents, gas) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| j. Designer drugs (ecstasy, MDMA) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| k. Steroids | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| l. Other illegal drugs | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

*Other than a few sips

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

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

- | | Never used | 6 lines/year | Once/year | Twice/month | 3 times/week | 5 times/week | Every day |
|-------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| a. Tobacco (smoke, chew, snuff) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. Alcohol (beer, wine, liquor) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. Marijuana (pot, hash, hash oil) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. Cocaine (crack, rock, freebase) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| e. Amphetamines (diet pills, speed) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| f. Sedatives (downers, ludes) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| g. Hallucinogens (LSD, PCP) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| h. Opiates (heroin, smack, horse) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| i. Inhalants (glue, solvents, gas) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| j. Designer drugs (ecstasy, MDMA) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| k. Steroids | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| l. Other illegal drugs | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

**19. How often do you
think the average student
on your campus uses...**
(mark one for each line)

- | | Never used | 6 lines/year | Once/year | Twice/month | 3 times/week | 5 times/week | Every day |
|-------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| a. Tobacco (smoke, chew, snuff) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. Alcohol (beer, wine, liquor) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. Marijuana (pot, hash, hash oil) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. Cocaine (crack, rock, freebase) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| e. Amphetamines (diet pills, speed) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| f. Sedatives (downers, ludes) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| g. Hallucinogens (LSD, PCP) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| h. Opiates (heroin, smack, horse) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| i. Inhalants (glue, solvents, gas) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| j. Designer drugs (ecstasy, MDMA) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| k. Steroids | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| l. Other illegal drugs | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

**20. Where have you
used...**
(mark all that apply)

- | | Never Used | On campus events | Residence hall | Bar/restaurant | Where you live | In a car | Private parties | Other |
|-------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| a. Tobacco (smoke, chew, snuff) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. Alcohol (beer, wine, liquor) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. Marijuana (pot, hash, hash oil) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. Cocaine (crack, rock, freebase) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| e. Amphetamines (diet pills, speed) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| f. Sedatives (downers, ludes) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| g. Hallucinogens (LSD, PCP) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| h. Opiates (heroin, smack, horse) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| i. Inhalants (glue, solvents, gas) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| j. Designer drugs (ecstasy, MDMA) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| k. Steroids | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| l. Other illegal drugs | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

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

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

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

- | | 0 days | 1-2 days | 3-5 days | 6-9 days | 10-19 days | 20-29 days | All 30 days |
|-------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| a. Tobacco (smoke, chew, snuff) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. Alcohol (beer, wine, liquor) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. Marijuana (pot, hash, hash oil) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. Cocaine (crack, rock, freebase) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| e. Amphetamines (diet pills, speed) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| f. Sedatives (downers, ludes) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| g. Hallucinogens (LSD, PCP) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| h. Opiates (heroin, smack, horse) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| i. Inhalants (glue, solvents, gas) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| j. Designer drugs (ecstasy, MDMA) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| k. Steroids | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| l. Other illegal drugs | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

**21. 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 | 2-3 times | 4-5 times | 6-9 times | 10 or more times |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| a. Had a hangover | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. Performed poorly on a test or important project | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. Been in trouble with police, resident hall, or other college authorities | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. Damaged property, pulled fire alarm, etc. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| e. Got into an argument or a fight | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| f. Got nauseated or vomited | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| g. Driven a car while under the influence | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| h. Missed a class | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| i. Been criticized by someone I know | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| j. Thought I might have a drinking or other drug problem | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| k. Had a memory loss | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| l. Done something I later regretted | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| m. Been arrested for DWI/DUI | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| n. Have been taken advantage of sexually | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| o. Have taken advantage of another sexually | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| p. Tried unsuccessfully to stop using | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| q. Seriously thought about suicide | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| r. Seriously tried to commit suicide | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| s. Been hurt or injured | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

**23. If you volunteer any of your time on or off campus
to help others, please indicate the approximate
number of hours per month and principal activity:**

- | | |
|--|--|
| <input type="radio"/> Don't volunteer, or less than 1 hour | <input type="radio"/> 10-15 hours |
| <input type="radio"/> 1-4 hours | <input type="radio"/> 16 or more hours |
| <input type="radio"/> 5-9 hours | Principal volunteer activity is: |

24. Within the last year to what extent have you participated in any of the following activities? (mark one for each line)

	Not involved	Attended	Active involvement	Leadership position
a. Intercollegiate athletics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Intramural or club sports	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Social fraternities or sororities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Religious and interfaith groups	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. International and language groups	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. Minority and ethnic organizations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. Political and social action groups	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h. Music and other performing arts groups	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i. Student newspaper, radio, TV, magazine, etc.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

25. In the first column, indicate whether any of the following have happened to you within the last year while you were in and around campus.

If you answered yes to any of these items, indicate in the second column if you had consumed alcohol or other drugs shortly before these incidents.

	Happened to you		Consumed alcohol or drugs	
	yes	no	yes	no
a. Ethnic or racial harassment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Threats of physical violence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Actual physical violence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Theft involving force or threat of force	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. Forced sexual touching or fondling	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. Unwanted sexual intercourse	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

26. How do you think your close friends feel (or would feel) about you... (mark one for each line)

	Don't disapprove	Disapprove	Strongly disapprove
a. Trying marijuana once or twice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Smoking marijuana occasionally	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Smoking marijuana regularly	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Trying cocaine once or twice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. Taking cocaine regularly	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. Trying LSD once or twice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. Taking LSD regularly	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h. Trying amphetamines once or twice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i. Taking amphetamines regularly	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
j. Taking one or two drinks of an alcoholic beverage (beer, wine, liquor) nearly every day	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
k. Taking four or five drinks nearly every day	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
l. Having five or more drinks in one sitting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
m. Taking steroids for body building or improved athletic performance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

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

28. On this campus, drinking is a central part in the social life of the following groups:

(mark one for each line)

	yes	no
a. Male students	<input type="radio"/>	<input type="radio"/>
b. Female students	<input type="radio"/>	<input type="radio"/>
c. Faculty/staff	<input type="radio"/>	<input type="radio"/>
d. Alumni	<input type="radio"/>	<input type="radio"/>
e. Athletes	<input type="radio"/>	<input type="radio"/>
f. Fraternities	<input type="radio"/>	<input type="radio"/>
g. Sororities	<input type="radio"/>	<input type="radio"/>

29. Campus environment: (mark one for each line)

	yes	no
a. Does the social atmosphere on this campus promote alcohol use?	<input type="radio"/>	<input type="radio"/>
b. Does the social atmosphere promote other drug use?	<input type="radio"/>	<input type="radio"/>
c. Do you feel safe on this campus?	<input type="radio"/>	<input type="radio"/>

30. Compared to other campuses with which you are familiar, this campus' use of alcohol is... (mark one)

Greater than other campuses	<input type="radio"/>
Less than other campuses	<input type="radio"/>
About the same as other campuses	<input type="radio"/>

31. Housing preferences: (mark one for each line)

	yes	no
a. If you live in university housing, do you live in a designated alcohol-free/drug-free residence hall?	<input type="radio"/>	<input type="radio"/>
b. If no, would you like to live in such a residence hall unit if it were available?	<input type="radio"/>	<input type="radio"/>

32. To what extent do students on this campus care about problems associated with...
(mark one for each line)

- | | Not at all | Slightly | Somewhat | Very much |
|---|-----------------------|-----------------------|-----------------------|-----------------------|
| a. Alcohol and other drug use | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. Campus vandalism | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. Sexual assault | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. Assaults that are non-sexual | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| e. Harassment because of gender | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| f. Harassment because of sexual orientation | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| g. Harassment because of race or ethnicity | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| h. Harassment because of religion | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

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

- Increased ☐
About the same ☐
Decreased ☐
I have not used alcohol ☐

34. To what extent has your illegal drug use changed within the last 12 months?

- Increased ☐
About the same ☐
Decreased ☐
I have not used drugs ☐

35. How much do you think people risk harming themselves (physically or in other ways) if they... (mark one for each line)

- | | No risk | Slight risk | Moderate risk | Great risk | Can't say |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| a. Try marijuana once or twice | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. Smoke marijuana occasionally | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. Smoke marijuana regularly | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. Try cocaine once or twice | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| e. Take cocaine regularly | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| f. Try LSD once or twice | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| g. Take LSD regularly | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| h. Try amphetamines once or twice | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| i. Take amphetamines regularly | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| j. Take one or two drinks of an alcoholic beverage (beer, wine, liquor) nearly every day | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| k. Take four or five drinks nearly every day | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| l. Have five or more drinks in one sitting | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| m. Take steroids for body building or improved athletic performance | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| n. Consume alcohol prior to being sexually active | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| o. Regularly engage in unprotected sexual activity with a single partner | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| p. Regularly engage in unprotected sexual activity with multiple partners | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

36. Mark one answer for each line:

- | | yes | no |
|--|-----------------------|-----------------------|
| a. Did you have sexual intercourse within the last year? | <input type="radio"/> | <input type="radio"/> |
| If yes, answer b and c below. | | |
| b. Did you drink alcohol the last time you had sexual intercourse? | <input type="radio"/> | <input type="radio"/> |
| c. Did you use other drugs the last time you had sexual intercourse? | <input type="radio"/> | <input type="radio"/> |

37. During the past 30 days, to what extent have you engaged in any of the following behaviors? (mark one for each line)

- | | Zero times | One time | Two times | 3-5 times | 6-9 times | 10 or more times |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| a. Refused an offer of alcohol or other drugs | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. Bragged about your alcohol or other drug use | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. Heard someone else brag about his/her alcohol or other drug use | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. Carried a weapon such as a gun, knife, etc. (do not count hunting situations or weapons used as part of your job) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| e. Experienced peer pressure to drink or use drugs | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| f. Held a drink to have people stop bothering you about why you weren't drinking | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| g. Thought a sexual partner was not attractive because he/she was drunk | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| h. Told a sexual partner that he/she was not attractive because he/she was drunk | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

38. To what extent do you agree with the following statements? (mark one for each line)

- | | Strongly agree | Agree | Neutral | Disagree | Strongly disagree | Don't know |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| a. I feel valued as a person on this campus | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. I feel that faculty and staff care about me as a student | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. I have a responsibility to contribute to the well-being of other students | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. My campus encourages me to help others in need | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| e. I abide by the university policy and regulations that concern alcohol and other drug use | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

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

- | | yes |
|--|-----------------------|
| a. Interrupts your studying | <input type="radio"/> |
| b. Makes you feel unsafe | <input type="radio"/> |
| c. Messes up your physical living space (cleanliness, neatness, organization, etc.) | <input type="radio"/> |
| d. Adversely affects your involvement on an athletic team or in other organized groups | <input type="radio"/> |
| e. Prevents you from enjoying events (concerts, sports, social activities, etc.) | <input type="radio"/> |
| f. Interferes in other way(s) | <input type="radio"/> |
| g. Doesn't interfere with my life | <input type="radio"/> |