

SURVEY

DEMOGRAPHIC QUESTIONS

1. What is your age?
2. What is your race/ethnicity?
 - White/Caucasian
 - Black/African-American
 - Asian
 - Hispanic
 - Native American Indian/Native Alaskan
 - Pacific Islander
 - Other
3. What is your biological sex?
 - Male
 - Female
4. What is your sexual orientation?
 - Straight
 - Gay/Lesbian
 - Bisexual
5. Name of the university/school you attended
6. What is your current year in school?
 - Freshman

- Sophomore
- Junior
- Senior
- Graduate

7. What is your cumulative GPA?

- .5 or less
- 2.51-3.0
- 3.01-3.25
- 3.51+

8. Are you a member of a varsity athletics team?

Yes/No

9. Are you in a fraternity or sorority?

Yes/No

10. What is your religious preference?

- No religious affiliation/nonaffiliate/secular,
- Christian
- Jewish
- Muslim
- Hindu
- Buddhist
- Other

11. How often did you typically attend religious services in the past year?

Never / Rarely / Regularly

12. Do you have student loans?

Yes/No

13. What is your relationship status?

- single/not dating
- dating but not exclusive
- in a relationship/committed/engaged
- married

14. What is the highest degree do you aspire to complete?

- Just a bachelor's degree
- A master's degree
- JD, MD, or PhD.

INTERNATIONAL STUDENT CENTRIC QUESTIONS

15. (a) Were you born in the US?

Yes/No

(b) If no, in which country were you born?

- How old were you when you moved to the United States?
- Are you in the US on a temporary visa? (yes/no)

(c) If yes, how long would you like to stay in the US? (long term, short term, have not decided yet)

- Is your native tongue/first language English? (Yes/no)
- How comfortable are you having a conversation in English?

- (1 = Extremely uncomfortable, 5 = Extremely comfortable)
- Where did you learn about the US college culture?
- (From television, movies; From social media; From my family who stay in the US; From my friends who have been to the US; From my previous visits to the US; Other (specify).

OVERALL HOOK-UP EXPERIENCE

In the next section, you will be answering questions about your hookup experiences.

A hookup is a sexual encounter, usually lasting only one night, between two people who may be strangers or acquaintances. Some physical interaction is typical but may or may not include sexual intercourse (oral, vaginal or anal). Examples of physical interaction include kissing or making out, breast stimulation, and genital touching

Based on this definition of hookups, answer the following questions:

16. What is the estimated number of people you have hooked up with in your life?

- 1-5
- 6-10
- 11-20
- 21-30
- More than 30

17. How many of these hookup partners did you end up having a serious relationship with?

- 1-5
- 6-10
- 11-20
- 21-30
- More than 30

18. Out of these total number of people you have hooked up with, how many people were *before college* and *after college*?

- A majority of my hookups have been before college
- A majority of my hookups have been after college
- It is an equal divide (i.e., equal number of hookups before college and after college)

19. How did you meet a majority of the people that you have hooked up with?

- Class
- Student Club
- Dorm
- Work
- Dating app/website/other online platforms
- At a party/bar/nightclub
- Neighborhood
- Other (if other, please specify)

20. What are some benefits/advantages of meeting hookup partners in this way? You can mention up to 5 reasons.
21. What are some risks/disadvantages of meeting hookup partners in this way? You can mention up to 5 reasons.

MOST RECENT HOOK-UP EXPERIENCE

Think of your most recent hookup. Answer the following questions based on that hookup.

22. When did your last hookup occur? (Approximate date)
- Month
 - Year
23. Please describe the following characteristics of the person you hooked up with
- (a) What was your hookup partner's age
 - (b) What was your hookup partner's biological sex
 - (c) What was your hookup partner's Racial or ethnic group
 - (d) Was the person you hooked up with
 - A student at your college
 - A student at some other college
 - Not a student
 - Don't know
24. Where did you first meet the person you hooked up with?

- Class
- Student Club
- Dorm
- Work
- Dating app/website/other online platforms
- At a party/bar/nightclub
- Neighborhood
- Other (if other, please specify)

25. If dating app/website selected, then which app did you use to find your hookup partner?

26. Did you have mutual friends with the person you hooked up with?

Yes/no

27. How often did you interact with this person prior to hooking up?

(Daily, Weekly, Monthly, less than monthly, met that night (i.e., less than 24 hours))

28. How many times did you hook up with this person? 1) "Only that one time," (2) "Once or twice a year," (3) "Once every 2–3 months," (4) "Once a month," (5) "Once every 2–3 weeks," (6) "Once a week," (7) "2–3 times a week," (8) "Once a day," and (9) "More than once a day.")

29. How would you rate the physical attractiveness of the person you hooked up with?

(1 = not at all attractive, 5 = very attractive)

30. How sexually attracted were you to this person?

(1 = not at all sexually attracted, 5 = extremely sexually attracted).

31. Recall your online communication with this person and answer the following questions

- I looked up this person on social media (Instagram, snapchat, tiktok, etc.) (yes/no)

- We added each other on social media (Instagram, snapchat, tiktok, etc.) (yes/no)
- We exchanged phone numbers (yes/no)
- We sexted each other (*sexting* is sending or receiving sexually suggestive or provocative messages and/or photographs, primarily between mobile phones) (yes/no)

The following are questions about incidents that happened which led to the hook up. (*If you have hooked up with this person more than once, think of the first time you hooked up with them*).

32. Think about the day/night the hookup happened. Describe, in detail, the events that happened that day/night which led to you two finally hooking up?

33. How sexually attracted were you to this person? (1 = not at all attracted; 5 = very attracted).

34. Overall, who initiated more of the sexual activity?

- I did
- Other person did
- I don't know

35. Which sexual behaviors did you engage in?

(CHECK ALL THAT OCCURRED)

- Kissing or making out
- You touched your partner's breast or buttocks area
- Had your breast or buttocks area touched by your partner
- You stimulated your partner's genitals with your hand
- Had your genitals stimulated by your partner's hand

- You performed oral sex on your partner
- Your partner performed oral sex on you
- Had vaginal sexual intercourse
- Anal intercourse: you penetrated your partner
- Anal intercourse: your partner penetrated you
- You stimulated your own genitals
- Your partner stimulated her/his genitals

36. Did you have an orgasm?

Yes/no

37. If yes, did you fake the orgasm?

Yes/no

38. Did your partner have an orgasm?

Yes/no

39. During this hook-up, did you use a condom or any other protection to avoid pregnancy/STD?

Yes/no

40. How much alcohol did you drink before or during the hookup?

- A great deal; a lot; a moderate amount; a little; none at all.

41. What drugs did you use before or during the hook up?

(Choose all that apply)

- I did not take any drugs before or during the hook up
- Marijuana
- Amphetamines (speed)

- Cocaine
- Ecstasy (X, E)
- Heroin
- Mushrooms
- Other (please specify)

42. During this hook up

- Did this person touch you sexually without your consent?
- Did you touch this person sexually without his/her/their consent?
- Did this person you hooked up with try to physically force you to have sexual intercourse, but you got out of the situation without having intercourse?
- Did this person you hooked up with have sexual intercourse with you that you did not want when you were drunk, passed out, asleep, drugged, or otherwise incapacitated?
- Did you hook up with this person even when you didn't want to?
- Did you perform oral sex or hand stimulation of this person you hooked up with because you did not want to have intercourse, but felt you should give them an orgasm?

43. Based on this hookup, how would you rate the following statements (1 = strongly disagree; 5 = strongly agree)

- It was a good experience
- I enjoyed the sexual activity
- It made me happy
- I liked how my body felt

- It made me feel closer to the other person
- I regret hooking up with this person

44. At the end of the hook up, were you interested in hooking up with this person again?

- No, I wasn't at all interested
- Possibly; I didn't really know yet
- Maybe; it had some appeal
- Yes, I was definitely interested

45. Were you interested in having a romantic relationship with the person you hooked up with after the hookup?

- No, I wasn't at all interested
- Possibly; I didn't really know yet
- Maybe; it had some appeal
- Yes, I was definitely interested

PSYCHOLOGICAL VARIABLES

In this section, you will be answering questions about your attitudes toward dating and sex

DATING ANXIETY

46. Please indicate to what extent do these following statements describe your behavior in dating? (5 = Describes me extremely well, 1 = Does not describe me)

- I often feel nervous when talking to an attractive member of the opposite sex.
- I am usually nervous going on a date with someone for the first time.

- It is difficult for me to relax when I am with a member of the opposite sex who I do not know very well.
- I feel tense when I'm on a date with someone I don't know very well.
- I feel nervous in dating situations.
- I become tense and jittery when I feel that someone of the opposite sex is checking me out.

SEXUAL PERMISSIVENESS

47. How much do you agree or disagree with the following statements:

- I do not need to be committed to a person to have sex with him/her.
- Casual sex is acceptable.
- I would like to have sex with many partners.
- One-night stands are sometimes enjoyable.
- It is okay to have ongoing sexual relationships with more than one person at a time.
- Sex as a simple exchange of favors is okay if both people agree to it.
- The best sex is with no strings attached.
- Life would have fewer problems if people could have sex more freely.
- It is possible to enjoy sex with a person and not like that person very much.
- It is okay for sex to be just good physical release.

SEXUAL DISGUST

48. How disgusting do you find each of these scenarios:

- a) Bringing someone you just met back to your room to have sex
- b) Watching a pornographic video
- c) A stranger of the opposite sex intentionally rubbing your thigh in an elevator
- d) Having anal sex with someone of the opposite sex
- e) Hearing two strangers having sex
- f) Performing oral sex
- g) Finding out that someone you don't like has sexual fantasies about you

SEXUAL BEHAVIORS

1. How many people have you had intercourse with, even if only once?
2. How frequently do you masturbate/stimulate yourself self sexually?
(1 = none, 2 = once a month or less, 3 = 2 or 3 days a month, 4 = 1 or 2 days a week, 5 = 3 to 5 days a week, 6 = every day or almost every day)
3. How frequently do you view pornographic material (such as magazines, movies, and/or Internet sites) ((1 = none, 2 = once a month or less, 3 = 2 or 3 days a month, 4 = 1 or 2 days a week, 5 = 3 to 5 days a week, 6 = every day or almost every day).

SUGAR DATING QUESTIONS

4. What has been your experience with sugar dating apps?
I have not used sugar dating app(s); I have used sugar dating app(s)
5. Which sugar dating app(s) have you used?

6. Why did/do you use sugar dating apps? (check all that apply)

- Make money to pay off student loans and other school payments
- Make money for rent/living expenses
- Make money for eating and drinking out, buy clothes, and other luxuries
- Be mentored by sugar daddies/mommas
- To use it as a joke
- Other

7. Based on your experience on sugar dating apps, please answer the following questions (yes/no)

- a. I have sexted my sugar daddy/momma
- b. I have hooked up with my sugar daddy/momma
- c. I have had sex with my sugar daddy/momma
- d. I have been paid by my sugar daddy/momma
- e. I have gone on dates/movies/parties/vacation with my sugar daddy/momma

8. Overall, how much money have you made from sugar dating (in cash, credit card balance, gifts, etc)?

9. Rate the 3 statements based on your college experience (5 = Definitely yes, 1 = Definitely no)

- I feel like I belong here
- I feel like I fit in
- I am satisfied with my social life on campus.

CHAPTER 2

Table 2

Correlates of number of hookups

Categorical Variables	Average number of hookup partners <i>M</i> (<i>SD</i>)	ANOVA
Gender		F (1,316) = 0.44
Male	1.76 (1.12)	
Female	1.67 (1.07)	
Sexual Orientation		F (2,315) = 1.51
Heterosexual	1.65 (1.03)	
Homosexual	1.94 (1.22)	
Bisexual	1.85 (1.27)	
Race		F (4,313) = 2.97*
White	1.76 (1.16)	
Black	1.60 (0.81)	
Asian	1.36 (0.85)	
Hispanic	2.08 (1.35)	
Other	2.0 (1.10)	
Religion		F (2, 314) = 0.08
Christian	1.68 (0.98)	
Other religious minorities	1.74 (1.14)	
Atheist/Agnostic	1.73 (1.22)	
Greek		F (1,316) = 7.12**
Greek affiliate	2.0 (1.24)	
Non-Greek affiliate	1.62 (1.03)	
Varsity		
Athlete	1.76 (1.11)	F (1,316) = 0.15
Non-Athlete	1.70 (1.10)	

Continuous Variables	Pearson Correlation
Religiosity	$r(316) = -0.01$
GPA	$r(316) = -.03$
Career-mindedness	$r(316) = -0.09$
Sexual Permissiveness	$r(316) = 0.18^{***}$
Number of sexual partners	$r(316) = 0.35^{***}$

Note. * $p < .05$, ** $p < .01$, *** $p < .001$

Table 3*Hierarchical Regression predicting number of hookups*

Variable	Model 1		Model 2		Model 3	
	B	t	B	t	B	t
Biological Sex	-.09	-.74	-.01	-.06	.01	.05
Sexual Orientation ⁺			.26*	1.26	.15	.78
Homosexual						
Bisexual			.18	1.02	.19	1.21
Race ⁺⁺						
Black			-.12	-.65	-.19	-1.19
Asian			-.39	-2.23*	-.38	-2.40*
Hispanic			.41	2.08*	.26	1.41
Other			.19	.56	.12	.38
Religion ⁺⁺⁺			.12	.82	.09	.68
Other						
Atheist/Agnostic			.04	.18	-.01	-.06
Religious Attendance			-.002	-.02	0.05	.52
Greek Membership			.48	3.22**	.41	2.92**
Varsity			-.08	-.49	-.06	-.41
GPA			.02	.23	.02	.28
Ambition			-.14	-1.80	-.15*	-2.02*
Sexual Permissiveness					.19*	2.85**
Number of sexual partners					.03*	6.68***
R^2	.002		.08		.22	
F for change in R^2	0.55		1.98*		5.32*	

Note. * $p < .05$, ** $p < .01$, *** $p < .001$, Reference Categories: ⁺Heterosexual, ⁺⁺White, ⁺⁺⁺Christian

CHAPTER 3

Factors distinguishing students who meet most of their hookup partners through parties, school, dating apps, or work⁺

Variables - Continuous	Parties M (SD)	School M (SD)	Dating Apps M (SD)	Work M (SD)	ANOVA
Age	20.94 (2.5)	21.36 (3.5)	21.39 (3.01)	23.05 (4.53)	3.76
Sexual Permissiveness	3.29 (0.85)	3.22 (0.91)	3.59 (0.80)	3.37 (0.87)	3.07
Sexual Disgust	2.47 (0.73)	2.82 (1.02)	2.32 (0.66)	2.62 (0.87)	6.12
Number of hookups	2 (1.28)	1.43 (0.85)	1.83 (1.15)	1.86 (1.17)	5.06
Number of sexual partners	6.01 (8.69)	0.74 (16.21)	7.23 (8.5)	7.4 (19.81)	5.05
Porn Consumption	1.99 (1.86)	1.78 (1.68)	2.63 (1.58)	1.81 (1.76)	4.39
Masturbation	2.43 (1.70)	2.06 (1.65)	3.18 (1.45)	2.21 (1.69)	8.05

Variables - Categorical	Parties N = 68 %	School N = 127 %	Dating Apps N = 80 %	Work N = 43 %	CHISQ
Sexual Orientation Heterosexual/ Homosexual/ Bisexual	23/9/23	43/21/38	20/61/27	14/9/12	$\chi^2(6,318) = 26.14$
Varsity (varsity/non- varsity)	21.2/21.4	51.5/37	6.1/30	21.2/11.5	$\chi^2(3,318) = 18.51$
Relationship Status (single/casually dating/committed)	18/42/20	46/18/36	24/26/27	12/13/17	$\chi^2(6,318) = 16.66$

Note. †only significant factors reported

CHAPTER 4

Initial Romantic Encounter checklist – basis of coding manual

1. Ask for the outing
2. Accept invitation for outing
3. Decide what to do/discuss plans
4. Tell friends and family
5. Discuss plans with parents
6. Groom and dress
7. Worry about or change appearance
8. Feel nervous
9. Prepare car or apartment*
10. Bring flowers or gift*
11. Check money
12. Pick other up/go to other
13. Meet at friends/work/another location
14. Be early *
15. Be late *
16. Wait for other
17. Welcome other to home
18. Introduce to parents/roommate/friends
19. Meet or talk to parents/roommate
20. Drive around/get lost/leave
21. Pick-up friends/go to friends
23. Plans fall through/re-decide where to go
24. Get to know each other*
25. Figure out where stand*
26. Compliment other
27. Joke, talk, laugh*
28. Evaluate other*
29. Talk to friends
30. Try to impress other

31. Attend event (e.g., going to a restaurant, movies, show, party, vacation?)
32. Eat (dinner/lunch)
33. Drink alcohol
34. Offer to pay †
35. Decline offer to pay †
36. Pay
37. Flirt/smile/wink
38. Courteous behavior/hang out?
39. Be rude/no talking
40. Engage in physical contact/hooked up/cuddle?
41. Accept physical contact
42. Reject physical contact
43. Fail to initiate physical contact†
44. Have sex
45. Go over to other/Stay after/sleep over†
46. Take other to own home/have them stay after/have them sleep over
47. Go home/plan to leave
48. Other leaves for own home/plans to leave
49. Take other home/to car
50. Take friends home
51. Kiss goodnight
52. Handshake/say goodbye
53. Told other had a good time
54. Ask for another outing
55. Accept invitation for second outing
56. Decline invitation for second outing†
57. Tell other will be in touch
58. Absence of physical contact
59. Have something go wrong
60. Have post-outing contact (call, email, text)
61. Report positive feelings
62. Report negative feelings

Script elements across all meeting contexts

Engage in physical contact: 141 out of 256 students (55%) mentioned engaging in physical contact with their hookup partners. In terms of meeting contexts, students who met their hook up partners through online dating and work meeting context were the most likely to use lower abstraction levels—35% of students who met their hookup partners through dating apps used Abstraction Level 1 and 37% of students who met their hookup partners through work used Abstraction Level 1. Except for students who met their hookup partners through school, all other students used Abstraction Level 2 the most (48% of students who met at parties, 37% of students who met through apps, and 47% of students who met through work). Students who met their partners through school were the most likely to use the highest abstraction with 54% of students who met their hookup partners through school using Abstraction Level 3.

Talk: 120 out of 318 students (47%) reported talking with their hookup partners. In terms of meeting contexts, 52% who met through parties, 43% who met through school, 44% who met through dating apps, and 42% who met through work, reported talking with their partners.

Attend event: 98 out of 256 students (38%) reported attending an event on the night or day they hooked up. In terms of meeting contexts, 64% who met through parties, 34% who met through school, 30% who met through dating apps, and 39% who met through work, reported going to an event.

Evaluate other: 66 out of 256 students (26%) reported evaluating their hookup partners. Students evaluated their partners on their looks, on the type of conversation they had with them, on how their meeting was going so far, and how their hookup was going so far. In terms of meeting contexts, 23% who met through parties, 34% who met through school, 19% who met through dating apps, and 25% who met through work, reported evaluating their partners.

Hang out: Hang out is considered as any activity where two people are spending time with each other. This spending time could be doing something together actively or passively or doing things actively or passively within a group setting. 84 out of 256 students (33%) used the phrase hang out when identifying the things they did with their hookup partners on the night they hooked up. In terms of meeting contexts, 27% who met through parties, 30% who met through school, 41% who met through dating apps, and 25% who met through work reported evaluating their partners.

Meeting context-specific script elements

Apart from these five actions that qualified as hookup script elements, there were certain actions that appeared in 25% or more scripts in specific meeting contexts.

Get to know one another: 34% of students who met at parties and 25% of students who met at school settings and work performed this action during the day or night they hooked up with their partners.

Ask for hookup: This is the action in which students made a request to their partners if they wanted to hook up. The two meeting contexts in which this action was mentioned more than 25% of the time were parties and work.

Go over to other: This script element was mentioned by 32% of the students who met their partners at parties.

Drink alcohol: This script element was mentioned by 27% of students who met their hookup partners at parties.

Discuss plans: 32% of students who met their hookup partners through dating apps reported discussing what they would do during the night or day they met up with their hookup partners.

Male Script Elements, accompanied with Meeting Contexts

1. **Engage in physical contact:** 62 out of 103 male students (60%) mentioned engaging in physical contact with their hookup partners. None of the specific abstraction levels reached the 25% threshold to be considered its own distinct script element. However, when this populace is divided based on meeting contexts, there are distinct abstraction level trends. Male students who met their partners through parties (MP), online dating apps (MO), or through work (MW), notably used abstraction Level 1 when recounting their hookups, with 25% of MP, 27% of MO, and 27% of MW. Male students who met through a party were also likely to use abstraction Level 2 when describing their hookups, with 31% of MP reporting as such. Additionally, male students who met through either their school (MS) or through online dating apps also notably used abstraction Level 3 when describing their hookups, with 26% of MS and 32% of MP reporting as such.
2. **Joke/Talk/Laugh:** 51 out of 103 male students (50%) reported talking with their partners during their hookups. Every meeting context had instances of reporting this script element, with 62% who met through parties, 43% who met through school, 51% who met through online dating apps, and 55% who met through work.
3. **Attend event:** 44 out of 103 male students (43%) reported attending an event on the night or day they hooked up. Every meeting context had instances of reporting this script element, with 69% who met through parties, 36% who met through school, 41% who met through online dating apps, and 45% who met through work.
4. **Evaluate other:** 30 out of 103 male students (29%) reported evaluating their hookup partners. In terms of meeting contexts, 38% who met through parties, 31% who met through school, and 45% who met through work reporting evaluating their partner.
5. **Hang out:** 26 out of 103 male students (25%) used the phrase “hang out” when identifying the things they did with their hookup partner during the instance they hooked up. Regarding meeting contexts, 38% who met through parties, 26% who met through school, and 27% who met through work reported hanging out with their hookup partner in their scripts.

Apart from these five elements, there were certain elements that appeared 25% or more of the time in terms of specific meeting contexts. Some of these elements are shared between meeting contexts, while others are only seen in specific meeting contexts.

1. **Get to know one another:** this script element was mentioned in 38% of responses made by male students who met their partners through parties.
2. **Ask for hook up:** this script element was mentioned in 36% of responses made by male students who met their partners through work.
3. **Discuss plans:** this script element was mentioned in 38% of responses made by male students who met their partners through online dating apps, and 27% of responses made by male students who met their partners through work.
4. **Go over to other (27% MW):** this script element was mentioned in 27% of responses made by male students who met their partners through work.
5. **Meet at own home (27% MW):** this script element was mentioned by 27% of male students who met their partners at work. This element sequentially follows the element “ask for hook up” when a request is made to invite the partner to the respondent’s place of residence. Examples of this element within a script include, “after the bar we went to my house and he stayed the night,” and “we decided to go back to my place, where we

proceeded in awesome sex,” and “I invited him to stay at my house and he drove 10.5 hours from Detroit to Atlanta to meet me.”

6. **Watch movie (32% MO):** this script element was mentioned by 32% of male students who met their hookup partners through online dating apps. This script element is only used in instances of watching a movie in a private space, like a dorm, an apartment, or a car. Examples of this element within a script include, “Well we had been texting and decided to meet up at my place and stuff. We hung out and talked while watching a movie,” and “We were watching a movie. We were cuddling in bed,” and “We met up at her house. She asked if I wanted to watch a show in her room. We watched in her bed.”
7. **Eat (26% MS):** Eating or drinking non-alcoholic beverages as a script element was mentioned in 26% of responses made by male students who met their hookup partners through school. Examples of this script element include, “We went for ice cream. We hung out at his house,” and “I suggested she come back to my room for something to eat. I cooked dinner, we watched a movie...” and “We ordered Chick-Fil-A and ate in her car”.
8. **Drink alcohol (31% MP):** this script element was mentioned by 31% of male students who met their hookup partners through parties.

Female Script Elements, accompanied with Meeting Contexts

1. **Engage in physical contact:** 108 out of 153 female students (71%) mentioned engaging in physical contact with their hookup partners. Additionally, 45 out of 153 female students (29%) specifically used abstraction Level 2 when describing the physical contact they engaged in with their hookup partners. In terms of meeting contexts, female students only significantly used abstraction Levels 2 and 3 in their responses. Level 2 was used by 31% of female students who met their partners through parties (FP), 36% of female students who met their partners through online dating apps (FO), and 41% of female students who met their partners through work (FW). Level 3 was used by 40% of female students who met their partners through school (FS).
2. **Joke/Talk/Laugh:** 69 out of 153 female students (45%) reported talking with their partners during their hookups. Every meeting context had instances of this script element, with 68% of female students who met their partners through parties, 42% of female students who met their partners through school, 42% of female students who met their partners through online dating apps, and 59% of female students who met their partners through work.
3. **Attend event:** 54 out of 153 female students (25%) reported attending an event on the night or day they hooked up. This script element was found in responses in which the students met their partner through a party (61%), through school (33%), and through work (35%).
4. **Discuss plans:** 38 out of 153 female students (25%) reported discussing what they would do the night or day they met up with their hookup partners. In terms of meeting contexts, 25% who met their partners through school and 28% who met their partners through online dating apps reported discussing their plans with their partner.
5. **Hang out:** 58 out of 153 female students (38%) used the phrase “hang out” when identifying the things they did with their hookup partner during the instance they hooked up. In terms of meeting contexts, 33% who met their partners through school, 57% who met their partners through online dating apps, and 25% who met their partners through work reported hanging out with their hookup partner in their scripts.

6. **Go over to other:** 39 out of 153 female students (25%) reported going to their hookup partner's home (dorm, apartment, etc.) on the day or night of their hookup. In terms of meeting contexts, 32% who met their partners through parties and 14% who met their partners through school reported going over to their hookup partner's home.
7. **Get to know one another:** 40 out of 153 female students (26%) reported getting acquainted with their hookup partners. Unlike the script element "Evaluate Other" which works as determining an opinion on one another, the primary root of this script element is obtaining objective information about one another. Actions that would fall within this script element include exchanging contact information, scrolling through each other's social media, or simply stating in scripts, "we got to know each other." In terms of meeting contexts, 32% who met their partners through parties, 27% who met their partners through school, and 35% who met their partners through work reported getting acquainted with their hookup partners.

Apart from these seven elements, there were other script elements that appeared 25% or more of the time in terms of specific meeting contexts. Each of these elements were exclusively in one of the four potential meeting contexts in relation to gender.

1. **Ask for hookup:** this script element was mentioned in 29% of scripts made by female students who met their partners through parties.
2. **Evaluate other:** this script element was mentioned in 37% of scripts made by female students who met their partners through school.
3. **Watch movie:** this script element was mentioned in 25% of scripts made by female students who met their partners through work.
4. **Drink alcohol:** this script element was mentioned in 26% of scripts made by female students who met their partners through parties.
5. **Private location:** this script element was mentioned in 28% of scripts made by female students who met their partners through online dating apps. Moving to a private location occurs either before or in the middle of hooking up. The location itself can range from a room at a party to a car to the bedroom in the respondent's or partner's residence. Examples of this script include, "Then he aggressively picked me up and carried me into his room on his neatly clean bed," and "We took a taxi and went to a room," and "And so after we hung out for a little, we left to go into another room to talk."

CHAPTER 5

Likelihood of engaging in risky sexual behaviors - Male College Students

	<i>B</i>	<i>SE</i>	Wald's	Odds Ratio	95% CI
(1) Protected Penetrative Sex Vs. Non-penetrative hookups					
Alcohol Use	-0.40*	.165	6.02	0.67	0.48-0.92
(2) Unprotected Penetrative hookups Vs. Non-Penetrative hookups					
Alcohol Use	-0.42*	.21	3.94	0.66	0.44-0.99
Drug Use	1.09*	.53	4.26	2.98	1.06-8.43

Likelihood of engaging in risky sexual behaviors - Female College Students

	<i>B</i>	<i>SE</i>	Wald's	Odds Ratio	95% CI
(1) Protected Penetrative Sex Vs. Non-penetrative hookups					
Frequency of hooking up	-0.17**	.07	5.29	0.84	0.73-0.98
Sexual Attractiveness	1.62***	.34	22.75	5.05	2.59-9.82
Drug Use	-1.80**	.64	7.83	.165	0.05-0.58
(3) Unprotected Penetrative hookups Vs. Non-Penetrative hookups					
Sexual Attractiveness	0.69*	.32	4.54	1.99	1.06-3.77
(4) Unprotected Penetrative vs. Protected Penetrative hookups					
Sexual Attractiveness	-0.93	.38	6.06	.39	0.19-0.83

* $p < .05$, ** $p < .01$, *** $p < .001$

†Only significant predictors are reported in table for brevity.

Sexual Assault Victimization

Abbreviations:

Sexual Assault 1 (SA1): Did your hookup partner touch you sexually without your consent?

Sexual Assault 2 (SA 2): Did your hookup partner physically force you to have sexual intercourse, but you got out of the situation without having intercourse?

Sexual Assault 3 (SA 3): Did your hookup partner have intercourse with you that you did not want to when you were incapacitated?

Sexual Assault 4 (SA 4): Did you touch your hookup partner sexually without their consent?

Sexual Assault 5 (SA 5): Did you hookup with your partner even when you did not want to?

Sexual Assault 6 (SA 6): Did you perform oral sex or hand stimulation of your hookup partner because you did not want to have intercourse, but felt you should give them an orgasm?

Gender of Sexual Perpetrator – College Male Reports

	Male	Female	CHISQ (1,140)
SA 1	12	22	.60
SA 2	13	13	6.08*
SA 3	11	11	4.97*
SA 4	9	13	1.48

SA 5	12	17	2.25
SA 6	15	14	8.22*

Gender of Sexual Perpetrator – College Female Reports

	Male	Female	CHISQ (1,178)
SA 1	17	3	0.59
SA 2	7	2	1.53
SA 3	5	4	12.29*
SA 4	6	1	.14
SA 5	10	2	.61
SA 6	12	2	.29

Intoxication, Group Membership, and Sexual Assault – Male College Students

	SA 1	SA 2	SA 3	SA 4	SA 5	SA 6
Alcohol Use (M, SD)	2.91 (1.42)	3.35 (1.23)	3.09 (1.27)	3.03 (1.48)	2.95 (1.43)	2.59 (1.50)
ANOVA (1,138)	12.17***	24.69***	11.09***	13.86***	7.73**	5.06
Drug Use (%)	52.9	73.1	59.1	55.2	59.1	44.8
CHISQ (1,140)	15.11***	30.07***	13.47***	14.53***	13.47***	5.79**
Fraternity (%)	55.9	53.8	54.5	55.2	72.7	48.3
CHISQ (1,140)	18.76***	11.51***	9.91***	14.53***	27.43***	8.26***
Varsity (%)	73.5	57.7	63.6	65.5	77.3	58.6
CHISQ (1,140)	40.52	11.66***	14.06***	21.97***	27.78***	14.27***

Intoxication, Group Membership, and Sexual Assault – Female College Students

	SA 1	SA 2	SA 3	SA 4	SA 5	SA 6
Alcohol Use (M, SD)	2.90 (1.59)	3.33 (1.73)	3.78 (1.20)	2.92 (1.93)	3.14 (1.68)	2.50 (1.61)
ANOVA (1,176)	13.58**	7.69***	14.95***	4.41*	4.12*	1.15
Drug Use (%)	15	33.3	55.6	33.3	14.3	21.4

CHISQ (1,178)	0.017	2.92	13.53***	3.97*	0.00	0.69
Sorority (%)	20	22.2	22.2	16.7	0	21.4
CHISQ (1,178)	0.024	0.004	0.004	0.168	1.98	0
Varsity (%)	20	22.2	22.2	16.7	28.6	14.3
CHISQ (1,178)	0.82	0.62	.62	0.11	1.42	0.01

Riskiness of each meeting context – Male College Students

	Parties (%)	School (%)	Dating Apps (%)	Work (%)	CHISQ/ANOVA
Type of Risky Behaviors					15.39*
Making Out	11.1	53.7	16.7	18.5	
Protected Penetrative	10.3	51.7	31	6.9	
Unprotected Penetrative	3.6	28.6	53.6	14.3	
Alcohol Consumption	2.38	2.45	1.71	2.39	2.68*
Drug Use	5.3	65.8	13.2	15.8	9.69*
Sexual Assault					
SA 1	2.9	79.4	8.8	8.8	18.57***
SA 2	0	76.9	3.8	19.2	16.89***
SA 3	0	77.3	9.1	13.6	10.96***
SA 5	6.9	75.9	6.9	10.3	12.91***
SA 4	0	81.8	4.5	13.6	14.36***
SA 6	3.4	65.5	20.7	10.3	4.96

Riskiness of each meeting context – Female College Students

	Parties	School	Dating Apps	Work	CHISQ/ANOVA
Type of Risky Behaviors (%)					19.93**
Making Out	19.5	40.3	20.8	19.5	

Protected Penetrative	21.1	32.4	40.8	5.6	
Unprotected Penetrative	10	30	56.7	3.3	
Alcohol Consumption	3	1.98	1.79	2.15	6.51***
Drug Use	16	40	32	12	0.36
Sexual Assault					
SA 1	15	40	30	15	.722
SA 2	0	33.3	33.3	33.3	5.89
SA 3	11.1	55.6	11.1	22.2	3.92
SA 5	8.3	16.7	58.3	16.7	4.37
SA 4	14.3	42.9	28.6	14.3	0.33
SA 6	7.1	28.6	57.1	7.1	3.66

Sexual Satisfaction and Sexual Regret

Total Sexual Satisfaction	Mean (M, SD)	ANOVA
Males	20.16 (4.94)	F (1,317) = 1.375
Females	19.46 (5.51)	
Total Sexual Regret		
Males	2.45 (1.35)	F (1,317) = 0
Females	2.45 (1.51)	
Orgasms (%)		
Male	62.9	CHISQ (1,318) = 20.85***
Female	37.1	
Fake Orgasms		
Male	17.9	CHISQ (1,318) = .001
Female	18	

Predicting sexual satisfaction for male college students

Variables	Model 1		Model 2		Model 3		Model 4		Model 5	
	B	t	B	t	B	t	B	t	B	t
Age	.18	1.42	.09	.75	.16	1.83	.17	1.83	.18	1.88
Race Black	.91	.77	.69	.63	1.19	1.02	.98	1.02	.84	.87
Asian	.59	.47	1.29	1.10	2.02*	1.97	1.85*	1.97	1.75	1.87
Hispanic	.29	.22	.33	.27	.30	.66	.66	.66	.65	.66
Other	-2.54	-1.33	-1.89	-1.07	-1.63	-1.10	-1.56	-1.1	-1.51	-1.07

Sexual Orientation Homosexual	-1.12	-0.82	-0.70	-0.56	-1.14	-1.55	-1.61	-1.55	-1.84	-1.75
Bisexual	-.276	-.22	-.09	-.07	-.46	-.10	-.088	-.10	-.17	-.19
Meeting Context School	1.31	-1.13	-1.07	-.98	.67	.60	.54	.60	.49	.55
Dating App	1.24	.92	1.48	1.18	1.09	.67	.70	.67	.50	.58
Other	-2.45	-1.55	-2.44	-1.66	-1.23	-1.28	-1.50	-1.28	-1.66	-1.41
Sexual Attractiveness			2.56*	3.77	2.40*	3.60	2.03*	3.60	1.98*	3.52
Frequency of Communication			.14	.43	.18	-.22	-.060	-.22	-.10	-.35
Frequency of hookup			.30	1.77	.15	.70	.10	.70	.11	.78
Self Orgasm					-.50	-.27	-.21	-.27	-.13	-.17
Fake Orgasm					-2.08	-1.54	-1.72	-1.54	-1.93	-1.72
Alcohol Use					-.12	-.88	-.25	-.88	-.28	-.99
Drug Use					2.21*	2.90	2.55*	2.90	2.62*	2.99
Type of sexual behaviors Protected					1.56	2.33	1.94*	2.33	1.80*	2.14
Unprotected					2.25*	2.41	2.46*	2.41	2.31*	2.26
SA 1					-.55	-.77	-.91	-.77	-1.12	-.95
SA 2					-2.37	-1.74	-2.25	-1.74	-2.08	-1.61
SA 3					-.37	.12	.16	.12	.26	.19
SA 5					-1.58	-1.35	-1.20	-1.05	-1.01	-.89
SA 6					-.23	-2.00	-.19	-1.78	-.23	-.21
SA 4					-2.35	-1.57	-2.61	-1.81	-2.75*	-1.91
Romantic Relationship							1.07*	3.05	1.12*	3.20
Sexual Permissiveness								.525		1.40
R^2	.07		.23*		.57*		.60*		.61*	
F for change in R^2	.90		8.90		7.55		9.28		1.97	

Predicting sexual satisfaction for female college students

Variables	Model 1		Model 2		Model 3		Model 4		Model 5	
	B	t	B	t	B	t	B	t	B	t
Age	-.11	-.83	-.20	-1.87	-.22*	-2.17	-.20*	-2.14	-.22*	-2.39
Race Black	1.49	1.23	1.66	1.82	1.65	1.82	1.82*	2.10	1.61	1.92
Asian	-.38	-.32	1.15	1.27	1.16	1.30	1.00	1.18	.98	1.19
Hispanic	-.73	-.55	.03	.03	.53	.56	.06	.06	-.23	-.26
Other	-.79	-.24	-3.37	-1.34	-2.83	-1.21	-1.77	-.79	-1.75	-.81
Sexual Orientation Homosexual	2.24	1.19	1.19	.83	.82	.59	.77	.58	.28	.22
Bisexual	-1.05	-.95	-.70	-.82	-.45	-.56	-.39	-.50	-.62	-.82
Meeting Context School	.06	.05	-.43	-.47	-1.02	-1.14	-1.31	-1.51	-1.11	-1.33
Dating App	-.38	-.31	-1.76	-1.85	-2.12*	-2.26	-2.14*	-2.40	-2.32*	-2.68
Other	1.04	.71	.19	.17	.46	.43	.53	.52	.44	.45
Sexual Attractiveness			3.85*	10.19	2.71*	6.52	2.12*	5.01	1.99*	4.84
Frequency of Communication			.47*	2.18	.57*	2.88	.41*	2.09	.43*	2.27
Frequency of hookup			.21	1.69	.25*	2.13	.12	1.06	.14	1.25
Self Orgasm					2.26*	3.30	2.00*	3.04	1.97*	3.09
Fake Orgasm					-.16	-.19	-.46	-.58	-.46	-.61
Alcohol Use					.22	.88	.13	.55	.14	.62
Drug Use					-2.48*	-2.60	-2.75*	-3.01	-2.89*	-3.27
Type of sexual behaviors Protected					1.69*	2.10	2.05*	2.65	1.50*	1.94
Unprotected					.23	.25	.59	.67	-.08	-.10
SA 1					-1.19	-1.10	-1.16	-1.14	-1.32	-1.33
SA 2					1.51	.76	1.42	.74	.91	.49
SA 3					1.34	.75	1.60	.94	1.99	1.20
SA 5					-5.58*	-3.52	-5.20*	-3.43	-5.30*	-3.61
SA 6					-.23	-.17	-.25	-.20	.07	.06
SA 4					-.02	-.01	.52	.26	.98	.51
Romantic Relationship							1.13*	3.98	1.09*	3.94

Sexual Permissiveness									1.14*	3.36
R^2	.04		.46		.59		.63		.65	
F for change in R^2	.76		42.43		3.83		15.84		11.29	

Predicting sexual regret among male college students

Variables	Model 1		Model 2		Model 3		Model 4		Model 5	
	B	t	B	t	B	t	B	t	B	t
Age	.02	.45	.02	.71	.02	.46	.02	.42	.01	.39
Race	.24	.74	.18	.58	.02	.06	.04	.11	.09	.23
Black										
Asian	.48	1.39	.28	.84	.37	1.04	.38	1.08	.41	1.16
Hispanic	-.17	-.46	-.23	-.66	-.16	-.42	-.19	-.50	-.19	-.49
Other	-.01	-.01	-.20	-.40	-.23	-.43	-.24	-.44	-.25	-.47
Sexual Orientation										
Homosexual	-.45	-1.22	-.50	-1.41	-.72	-1.85	-.68	-1.73	-.61	-
Bisexual										1.53
Bisexual	-.21	-.63	-.17	-.51	-.20	-.59	-.23	-.67	-.21	-.60
Meeting Context	.48	1.51	.29	.94	.35	1.03	.36	1.06	.37	1.11
School										
Dating App	.41	1.10	.41	1.16	.67	1.72	.70	1.791	.73	1.87
Other	.28	.65	.20	.48	.33	.74	.35	.788	.40	.89
Sexual Attractiveness			-.60*	-3.07	-.47	-2.26	-.44	-2.06	-.42	-
Frequency of Communication			.14	1.50	.16	1.69	.19	1.82	.20	1.92
Frequency of hookup			-.06	-1.16	-.059	-1.15	-.05	-1.04	-.06	-
Self Orgasm					-.24	-.83	-.27	-.90	-.29	-.99
Fake Orgasm					-.10	-.23	-.13	-.30	-.06	-.14
Alcohol Use					.12	1.16	.13	1.25	.14	1.34
Drug Use					.20	.59	.17	.50	.15	.43
Type of sexual behaviors					.28	.91	.25	.79	.30	.93
Protected										
Unprotected					.01	.03	-.01	-.02	.04	.10
Sexual Assault 1					-.31	-.70	-.28	-.63	-.22	-.48
Sexual Assault 2					.30	.60	.29	.58	.23	.47
Sexual Assault 3					.59	1.13	.54	1.03	.51	.98

Unwanted Hookup 1					.27	.64	.24	.56	.19	.43
Unwanted Hookup 2					.47	1.15	.47	1.14	.48	1.17
Sexual Assault Perpetrator					-.93	-1.71	-.91	-1.66	-.86	-1.58
Romantic Relationship							-.09	-.69	-.11	-.81
Sexual Permissiveness									-.16	-1.14
R^2	.07		.16*		.24		.24		.25	
F for change in R^2	.95		4.78		.89		.47		1.29	

Predicting sexual regret among female college students

Variables	Model 1		Model 2		Model 3		Model 4		Model 5	
	B	t	B	t	B	t	B	t	B	t
Age	.04	.93	.05	1.31	.05	1.40	.05	1.35	.05	1.45
Race Black	-.02	-.05	-.05	-.15	-.15	-.46	-.17	-.53	-.131	-.411
Asian	.19	.60	-.05	-.16	-.13	-.42	-.11	-.35	-.11	-.34
Hispanic	.12	.33	.01	.01	-.02	-.05	.04	.13	.10	.28
Other	.29	.32	.55	.63	.33	.40	.19	.23	.19	.23
Sexual Orientation Homosexual	-.44	-.86	-.32	-.64	-.61	-1.25	-.60	-1.23	-.51	-1.05
Bisexual	-.06	-.19	-.14	-.48	-.23	-.82	-.24	-.85	-.20	-.70
Meeting Context School	.41	1.28	.47	1.50	.37	1.16	.40	1.27	.37	1.16
Dating App	.07	.20	.25	.75	.22	.66	.22	.67	.25	.77
Other	.09	.21	.23	.59	.11	.28	.10	.25	.11	.30
Sexual Attractiveness			-.47*	-3.61	-.22	-1.53	-.15	-.95	-.13	-.80
Frequency of Communication			-.05	-.70	-.07	-.98	-.05	-.67	-.05	-.72
Frequency of hookup			.05	-1.44	-.09*	-2.17	-.07	-1.71	-.08	-1.79
Self Orgasm					.21	.85	.24	.99	.24	1.01
Fake Orgasm					.19	.66	.23	.79	.23	.80
Alcohol Use					-.03	-.29	-.01	-.17	-.02	-.19
Drug Use					-.19	-.57	-.16	-.47	-.13	-.39
Type of sexual behaviors Protected					-.67*	-2.4	-.72	-2.51	-.61	-2.11

Unprotected					-.46	-1.4	-.51	-1.55	-.38	-	1.15
Sexual Assault 1					.45	1.20	.45	1.19	.48		1.27
Sexual Assault 2					.41	.58	.42	.60	.51		.73
Sexual Assault 3					.39	.62	.36	.57	.29		.46
Unwanted Hookup 1					1.88*	3.36	1.83	3.28	1.85		3.33
Unwanted Hookup 2					.33	.46	.27	.366	.18		.25
Sexual Assault Perpetrator					-.27	-.58	-.27	-.574	-.33		-.70
Romantic Relationship							-.15	-1.39	-.14		-
Sexual Permissiveness									-.21		-
R^2	.03		.13*		.31*		.32		.33		
F for change in R^2	.53		6.36		3.31		1.93		2.60		

Participant School List

University of Findlay
Georgia State University
Carnegie Mellon University
Grand Canyon University
Texas A&M University
Brooklyn community college
Pacific University
Boston University
Texas A&M
The University of Texas at Austin
Cal state
University of Mary Washington
Le Moyne College
Texas A&M San Antonio
Georgia Gwinnett college
Pennsylvania State University
SUNY Binghamton University
West Virginia University
University of Virginia
Claflin University
Marist College
University of Wisconsin at Madison
UNCA
Central Michigan University
Springfield College
Lehman College
University of Utah
Alvernia University
Alberta College of Art and Design
The University of Alabama
Massasoit
Indiana university northwest
University of Illinois
Vanderbilt University
University of Florida
San diego mesa college
Villanova University
University of Nebraska-Lincoln
colorado state university

Eastern Kentucky University
Tstc
WSU
Pima community college
Indiana University
Benedictine College
Mansfield University of Pennsylvania
Pace University
The Pennsylvania State University
Bethel university
miami dade
University of Kansas School of Medicine
Cloumbia Uneversity
Baylor University
Clayton State
University of Minnesota
Bethel University
University of Washington
LSU
Juniata College
Pennsylvania State University
Southern Connecticut State University
Moraine valley community college
Middle Tennessee State University
Nazareth University
SUNY Adirondack Community College
Eastern Connecticut State University
santa rosa jc
hillsborough community college
Kentucky University
Sac state
East Stroughburg University
Sonoma State University
Cedarville
Passaic Community College
TCU
Full sail
Harvard University
University of Texas at San Antonio
CUNY Hunter College

Harvard university
Medical University of South Carolina
University of Texas at San Antonio
University of Illinois Urbana-Champaign
University of Texas at El Paso
Marlin High School
West virginia university
Missouri State
John Jay
plymouth state university
University of New Haven
Colgate University
Drexel University
University of Georgia
The Community College of Baltimore County
University of Minnesota Twin Cities
North Carolina State University
University of Pennsylvania
Clemson University
Texas Christian University
Auburn University
Ohio State University
University of Florida
University of Akron
University of Maryland
Academy of Art University
FIT
Boston University
Loyola University Chiagn
texas A&M university
Ithaca College
Texas State
Wallace state community college
University of Wisconsin Madiosn
Oregon State University
Duke
Stanford
University Of San Diego
state university of new york at geneseo
St. John's University

Kent State University
Union College
Moore College of Art and Design
City University of NY
Nyu
Georgetown University
CUNY Queens College
NYU
University of Chicago
Fayetteville Technical
California State University Northridge
Florida State College at Jacksonville
University of North Carolina at Greensboro
Binghamton University
Victor Valley College
University of North Carolina at Asheville
Georgetown University
California State University Chico
Evergreen Valley College
The University of Texas at Austin
Columbia college
San Marcos Palomar College
University of Hawaii
University of California, Irvine
University of Michigan
University of Hawaii at Manoa
Harvard University
Spring Hill College
Georgia State University
UC
Rutgers University
AKRON
Shenandoah University
Castleton University
James Madison University
clemson university
Yale University
California State University Fullerton
Kean university
Florida Atlantic University
Cochies College

Massachusetts college of pharmacy and health sciences
Rutgers
California State University Long Beach
Community College of Philadelphia
UVA
Collge of DuPage
Stockton University
old dominion university
seton hall
New York University
Florida State University
University of California - Irvine
Southern New Hampshire University
Berea college
University of California Davis
University institut Teknologi Mara
North Dakota State University
University of North Texas
Harvard University
Ucla
University of New Mexico
Stanford university
university of houston
Ithaca College
Auburn University
west virginia northern community
Louisiana Tech University
Santo Tomas University
SUNY Purchase
Brigham young university
Kennesaw State University
Florida Institute of Technology
University of the sciences
Havard University
Buffalo University
Hampshire College
FIU
Illinois Valley Community College
UCR
Montclair State University
Mount Wachuets

Harvard university
mount san antonio college
Loyola University Chicago
University of Oregon
Ohio State
le moyne college
CUNY Queens College
University of Texas at San Antonio
Shenandoah University
Edward Via College of Osteopathic Medicine
Western michigan University
University North Carolina at Chapel Hill
New Mexico Technical Institute of Mining and
Technology
Arizona State University
Rollins College
Columbus State University
Southern Connecticut State University
university of wisconsin- madison
Georgetown
Ithaca College
University of Mary-Hardin Baylor
San José city college
University of California, Santa Cruz
Tompkins Cortland Community College
UC San Diego
Freed-Hardeman University
Northwest Nazarene University
Lehman College
texas a&m
Wichita state university
University of Texas at Austin
Yonkers university
Florida state
University of Connecticut
Eastern Kentucky University
Boston university
St. John's University
UH Manoa
University of Missouri - Columbia
University of Tampa

Penn State University- Abington
Central Connecticut state university
Florida Atlantic University
UMass
Temple University
University of Michigan
Boston University
Ohio State University
Columbus State Community College
UC Irvine
Alcorn State University
University of California, los angeles
Pitt community college
Saint Joseph's University
Harvard University
Nashville state community college
Lone Star Community College
Monroe
Valencia College
South Texas College
Westpoint
Plymouth U
Lehigh Carbon Community College
Housatonic community college
Osu
Virginia tech
Camden county college
University of New Hampshire
Duquesne University
Alabama state university
University of South Florida
Tufts University
Arizona state university
Purdue University Northwest
Massachusetts College of Pharmacy and Health
Sciences
Indiana Universty
Flagler College
Jackson State University
Boston university
University of Missouri

Cambridge University
Palomar college
Longwood University
Grand Canyon University
Ramapo College
Stanford university
Lone star college
University of California Berkeley
Essex county College
St Louis Community College-Wildwood
University of Oregon
Austin Spurgin
University of North Carolina at Asheville
Shippensburg University
Essex co college
University of Illinois at Urbana-Champaign
California State University of Fullerton
Seton Hall University
Pennsylvania State University
James Madison University
Texas a and m
Missouri State University
Bloomsburg University
The University of Arizona
Clark Atlanta university
Sheridan Technical College
University of arkansas
Wayne State University
Alaska college
Oberlin College
Moorpark park college
Antelope valley college
Harvard
James Madison University
Idaho State University
Chestnut hill college
Stanford