Attachment 12: College Senior Survey

Public reporting burden for this collection of information is estimated to average 45 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to: NIH, Project Clearance Branch, 6705 Rockledge Drive, MSC 7974, Bethesda, MD 20892-7974, ATTN: PRA (0925-0747). Do not return the completed form to this address.

2019 COLLEGE SENIOR SURVEY

Title: 2019 COLLEGE SENIOR SURVEY Please print your responses below in ALL CAPS.
NAME: FIRST MI LAST
EMAIL (print letters carefully) STUDENT ID# (as instructed)
When were you born? Month (01-12) Day (01-31) Year (two boxes)
Congratulations on your impending graduation! We are very interested in your experiences as college student. This form has been designed to provide feedback that can help improve the college experience. Thank you very much for your help with this important project.
WEB ONLY Retention Question: R1. Are you currently a student at or did you complete your degree from? □ Yes □ No,
1. Do you identify as transgender?
□ Yes □ No
2. What is your current gender identity?
 □ Man/Trans man □ Woman/Trans woman □ Gender queer/Gender non-conforming □ Different identity (please state): [Free response]
3. Are you: (Select <u>all</u> that apply)
☐ White/Caucasian ☐ African American/Black

	American Indian/Alaska Native
	East Asian (e.g., Chinese, Japanese, Korean, Taiwanese)
	Filipina/o/x
	Southeast Asian (e.g., Cambodian, Vietnamese, Hmong)
	South Asian (e.g., Indian, Pakistani, Nepalese, Sri Lankan)
	Other Asian
	Native Hawaiian/Pacific Islander
	Mexican American/Chicana/o/x
	Puerto Rican
	Other
4 W	hat year did you first enter:
	t <u>one</u> in each column)
ΓD	West 14 Celler This Celler I
[Respo	onse categories: Your 1st College, This College]
	2018 or 2019
	2017
	2015
5 Plac	ase indicate your current enrollment status below:
J. 1 10	ase indicate your current enrollment status below.
	Full-time undergraduate
	Part-time undergraduate
	Not enrolled
6. Exp	oected Graduation Date:
П	2018
	2019
	Other
	Not sure
to con	ase indicate the highest degree you (A) will have earned as of June 2019 and (B) plan applete eventually at <u>any</u> institution. t one in each column)
[Respo	onse categories: Highest Earned, Highest Planned]
П	None
П	Vocational certificate
	· COMMONIA CONTINUE

	Associate's (A.A. or equiv.)
	Bachelor's (B.A., B.S., etc.)
	Master's (M.A., M.S., etc.)
	Ph.D. or Ed.D.
	M.D., D.O., D.D.S., or D.V.M.
	LL.B. or J.D. (Law)
	B.D. or M.DIV. (Divinity)
	Other
Wh	at is your sexual orientation?

8.

	Hatarasayual/Straight
Ш	Heterosexual/Straight
	Gay
	Lesbian
	Bisexual
	Queer
	Pansexual
	Asexual
	Not Listed Above (Free Response)

9. How often in the past year did you:

[Response categories: Frequently, Occasionally, Not at All]

- Ask questions in class
- Support your opinions with a logical argument
- Seek solutions to problems and explain them to others
- Revise your papers to improve your writing
- Evaluate the quality or reliability of information you received
- Take a risk because you felt you had more to gain
- Seek alternative solutions to a problem
- Look up scientific research articles and resources
- Explore topics on your own, even though it was not required for a class
- Accept mistakes as part of the learning process
- Seek feedback on your academic work

10. Have you ever been made aware of this college's sexual harassment reporting policy (Yes, No)

11. Since entering college, indicate how often you:

[Response categories: Frequently, Occasionally, Not at All]

• Discussed course content with students outside of class

 Failed to complete homework on time
Came late to class
 Performed community service as part of a class
 Posted on a course-related online discussion board
 Accessed your campus' library resources electronically
Missed class due to employment
 Missed class for other reasons
Tutored another college student
 Met with an advisor/counselor about your career plans
 Fell asleep in class
 Texted or used social media during class
 Had difficulty getting the courses you needed
 Demonstrated for a cause (e.g., boycott, rally, protest)
 Challenged a professor's ideas in class
 Communicated regularly with your professors
• Took a class that required:
One or more 10+ page papers
 Multiple short papers
Contributed to class discussions
Helped raise money for a cause or campaign
Publicly communicated your opinion about a cause (e.g., blog, email, petition)
 Socialized with someone of a different sexual orientation
12. How many months since entering college (including summer) did you work on a professor's research project?
\square 0 months
□ 1-3 months
☐ 4-6 months
□ 7-12 months
\Box 13-24 months
\Box 25+ months
13. How would you characterize your political views?

14. Since entering college, have you:

□ Far left□ Liberal

☐ Middle-of-the-road

□ Conservative□ Far right

Failed one or more courses
Taken a remedial course
Taken an ethnic studies course
Taken a women's studies course
Withdrawn from school temporarily
Taken an honors course
Participated in a campus program that promotes STEM careers (e.g. BUILD, MARC,
HHMI, S-STEM, etc.)
Transferred from a 2-year college
Transferred from a 4-year college
Completed a culminating experience for your degree (e.g., capstone course/project,
thesis, comp exam)
Taken courses from more than one institution simultaneously
Taken a course exclusively online

15. Mark your:

Primary undergraduate major (Select <u>one</u> response only)
Secondary undergraduate major (omit if you <u>do not</u> have a secondary major)
Graduate major (omit if you <u>do not</u> plan to go to graduate school)

(Text for flap):

Below is a list of different MAJOR fields. Fill in the appropriate three-digit code on your survey for your primary undergraduate major, secondary undergraduate major, and graduate major.

001 Art, fine and applied 002 Classical and Modern Languages and Literature 003 English (language and literature)

004 History

005 Journalism/Communication

006 Media/Film Studios

007 Music

008 Philosophy

009 Theater/Drama

010 Theology/Religion

011 Other Arts and Humanities

BIOLOGICAL & LIFE SCIENCES

112 Agriculture/Natural Resources

113 Animal Biology (zoology)

114 Biochemistry/Biophysics

115 Biology (general)

116 Ecology & Evolutionary Biology

117 Environmental Science

118 Marine Biology

119 Microbiology

120 Molecular, Cellular, & Developmental Biology 121 Neurobiology/Neuroscience 122 Plant Biology (botany) 123 Other Biological Science

BUSINESS

224 Accounting

225 Business Admin. (general)

226 Computer/Management

Information Systems

227 Entrepreneurship

228 Finance

229 Hospitality/Tourism

230 Human Resource Marketing

231 International Business

232 Management

233 Marketing

234 Real Estate

235 Other Business

EDUCATION

336 Elementary Education 337 Music or Art Education 338 Physical Education or

Recreation

339 Secondary Education

340 Special Education

341 Other Education

ENGINEERING

442 Aerospace/Aeronautical/ Astronautical Engineering

443 Biological/Agricultural

Engineering

444 Biomedical Engineering

445 Chemical Engineering

446 Civil Engineering

447 Computer Engineering

448 Electrical/Electronic

Communications Engineering

449 Engineering

Science/Engineering Physics

450

Environmental/Environmental

Health Engineering

451 Industrial/Manufacturing Engineering

452 Materials Engineering

453 Mechanical Engineering

454 Other Engineering

HEALTH PROFESSIONS

555 Clinical Laboratory Science 556 Health Care Administration/Studies 557 Health Technology

558 Kinesiology

559 Nursing

560 Pharmacy

561 Therapy (occupational,

physical, speech)

562 Other Health Profession

MATH AND COMPUTER

SCIENCE

663 Computer Science

664 Mathematics/Statisticians

665 Other Math and Computer

Science

PHYSICAL SCIENCE

766 Astronomy & Astrophysics

767 Atmospheric Sciences

768 Chemistry

769 Earth & Planetary Sciences

770 Marine Science

771 Physics

772 Other Physical Science

SOCIAL SCIENCE

873 Anthropology

874 Economics

875 Ethnic/Cultural Studies

876 Geography

877 Political Science (gov't.,

international relations)

878 Psychology

879 Public Policy

880 Social Work

881 Sociology

882 Women's/Gender Studies 883 Other Social Science

OTHER MAJORS

984 Architecture/Urban Planning

985 Criminal Justice

986 Library Science

987 Security & Protective

Services 988 Military

Sciences/Technology/Operations

989 General Studies

990 OTHER

16. Mark your *probable* CAREER/OCCUPATION:

(Text for flap):

Select your probable CAREER/OCCUPATION from the list below and fill in the appropriate two-digit code on your survey.

01 Actor or Entertainer

02 Artist

03 Graphic Designer

04 Musician

05 Writer/Producer/Director

AGRICULTURE

06 Farmer or Forester

07 Natural Resource Specialist/Environmentalist

BUSINESS

08 Accountant

09 Administrative Assistant

10 Business Manager/Executive

11 Business Owner/Entrepreneur

12 Finance (e.g., Actuary, Banking, Loan Officer, Planner)

13 Human Resources

14 Management Consultant

15 Real Estate Agent/Realtor/Appraiser/Developer

16 Retail Sales

17 Sales/Marketing

18 Sports Management

COMMUNICATIONS

19 Advertising

20 Journalist

21 Public Relations/Media Relations

EDUCATION

22 College Administrator/Staff

23 College Faculty

24 Early Childcare Provider

25 Elementary School Teacher

26 K-12 Administrator

27 Librarian

28 Secondary School Teacher

29 Teacher's Assistant/Paraprofessional

30 Other K-12 Professional

GOVERNMENT

31 Federal/State/Local Government Official

32 Military

33 Postal Worker

34 Protective Services (e.g., Homeland Security, Law

Enforcement, Firefighter)

MEDICINE/HEALTHCARE

35 Clinical Psychologist

36 Dentist/Orthodontist

37 Dietician/Nutritionist 38 Home Health Worker

39 Medical/Dental Assistant (e.g., Hygienist, Lab Tech,

Nursing Asst.)

40 Medical Doctor/Surgeon

41 Mental Health Professional (e.g. MFT)

42 Optometrist

43 Pharmacist

44 Physician Assistant

45 Registered Nurse

46 Social Worker

47 Therapist (e.g., Physical, Occupational, Speech)

48 Veterinarian

INFORMATION TECHNOLOGY

49 Computer Programmer/Developer

50 Computer/Systems Analyst

51 Web Designer

<u>LAW</u>	58 Food Service (e.g., Chef/Cook, Server) 59 Hair Stylist/Aesthetician/Manicurist				
52 Lawyer/Judge					
53 Paralegal	60 Interior Designer				
SCIENCE AND ENGINEERING	61 Skilled Trades (e.g., Plumber, Electrician, Construction) 62 Social/Non-Profit Services				
54 Engineer	02 Social Front Front Services				
55 Research Scientist (e.g., Biologist, Chemist, Physicists)	63 <u>CLERGY</u>				
56 Urban Planner/Architect	64 HOMEMAKER/STAY AT HOME PARENT				
CERVICE INDUCERV	65 OTHER				
SERVICE INDUSTRY	66 <u>UNDECIDED</u>				
17 Singa antoning callege have your					
17. Since entering college, have you:					
☐ Joined a fraternity or sorority					
☐ Joined a pre-professional or departmenta	ıl club				
☐ Held a full-time job (approx. 40 hours) w					
☐ Been homeless for at least one month					
☐ Attended a racial/cultural awareness wor	Attended a racial/cultural awareness workshop				
	Had a roommate of a different race/ethnicity				
•	_ 71 11 11 11 11 11 11 11 11 11 11 11 11				
☐ Held a leadership position in an organiza	· · · · · · · · · · · · · · · · · · ·				
□ Voted in a national, state, or local election					
☐ Found a faculty or staff mentor					
Participated in:					

57 Custodian/Janitor/Housekeeper

18. How would you rate yourself in the following areas:

□ An ethnic/racial student organization
 □ An undergraduate research program
 □ An LGBTQ student organization
 □ A women's advocacy group

☐ An internship program

□ Leadership training□ Student government

☐ Study abroad

[Response categories: A Major Strength, Somewhat Strong, Average, Somewhat Weak, A Major Weakness]

• Ability to see the world from someone else's perspective

- Tolerance of others with different beliefs
- Openness to having my own views challenged
- Ability to discuss and negotiate controversial issues
- Ability to work cooperatively with diverse people
- Critical thinking skills
- Ability to manage your time effectively

19. During the past year, how much time did you spend during a typical week:

[Response categories: Hours Per Week: None, Less than 1 hour, 1-2, 3-5, 6-10, 11-15, 16-20, Over 20]

- Studying/homework
- Studying with other students
- Working with classmates on group projects
- Socializing with friends in person
- Using social media
- Partying
- Participating in student clubs/groups
- Watching TV/online video content (e.g., Amazon, Hulu, Netflix, YouTube)
- Exercising/sports
- Working (for pay) on campus
- Working (for pay) off campus
- Performing household/childcare duties
- Commuting
- Praying/meditating
- Career planning (e.g. job searches, networking)

20. Please indicate your agreement with each of the following statements. This institution has contributed to my:

[Response categories: Strongly Agree, Agree, Disagree, Strongly Disagree]

- Intellectual and practical skills (including inquiry and analysis, critical thinking, and information literacy)
- Knowledge of people from different races/cultures
- Understanding of global issues
- Understanding of national issues
- Understanding of the problems facing my community
- Problem-solving skills
- Foreign language ability
- Preparedness for employment after college
- Preparedness for graduate or advanced education
- Ability to conduct research

21. Please rate your satisfaction with your college in each area:

[Response categories: Very Satisfied, Satisfied, Neutral, Dissatisfied, Very Dissatisfied, Can't Rate/Don't Know]

- General education or core curriculum courses
- Laboratory facilities and equipment
- Library resources
- Technology resources
- Tutoring or other academic assistance
- Academic advising
- Ability to find a faculty or staff mentor
- Student housing (e.g., res. halls)
- Financial aid package
- Student health services
- Student psychological services
- Career-related resources and support
- Campus safety services (e.g., Safe Walk, Public Safety/Police Dept.)

22. Please rate your satisfaction with your college in each area:

[Response categories: Very Satisfied, Satisfied, Neutral, Dissatisfied, Very Dissatisfied]

- Courses in your major field
- Amount of contact with faculty
- Class size
- Relevance of coursework to everyday life
- Relevance of coursework to career plans
- Overall quality of instruction
- Overall sense of community among students
- Availability of campus social activities
- Respect for the expression of diverse beliefs
- Racial/ethnic diversity of the student body
- Racial/ethnic diversity of the faculty
- Overall college experience

23. What is the average grade you received during your college career, both overall and in your major?

[Response categories: A or A+, A-, B+, B, B-, C+, C, D]

- Overall GPA
- Primary Major GPA

24. In the past year, how often have you:

[Response categories: Frequently, Occasionally, Not at All]

- Felt depressed
- Felt overwhelmed by all I had to do
- Attended a religious service
- Consumed beer
- Consumed wine or liquor
- Performed volunteer or community service work
- Discussed politics
- Sought personal counseling
- Discussed religion
- Worked on a local, state, or national political campaign
- Contributed money to help support my family
- Felt that my contributions were valued in class
- Felt that faculty encouraged me to ask questions and participate in discussions
- Felt anxious
- Felt hungry but didn't have enough money for food

25. Please indicate the extent to which you agree or disagree with the following statements:

[Response categories: Strongly Agree, Agree, Disagree, Strongly Disagree]

- I have felt discriminated against at this institution because of my race/ethnicity, gender, sexual orientation, disability status, or religion
- Faculty showed concern about my progress
- There is a lot of racial tension on this campus
- Faculty empower me to learn here
- If asked, I would recommend this college to others
- At least one staff member has taken an interest in my development
- I feel valued at this institution
- Faculty believe in my potential to succeed academically
- In class, I have heard faculty express stereotypes based on social identity (such as race/ethnicity, gender, sexual orientation, disability status, or religion)
- I feel a sense of belonging to this campus
- At least one faculty member has taken an interest in my development
- I feel I am a member of this college
- I have effectively led a group to a common purpose
- I will give this college money as an alum
- I plan to remain engaged with this college (e.g., campus events, fundraising, admissions)
- My political views closely resemble those of my parents/guardians

26. Indicate the importance to you personally of each of the following:

[Response categories: Essential, Very Important, Somewhat Important, Not Important]

- Becoming accomplished in one of the performing arts (acting, dancing, etc.)
- Becoming an authority in my field
- Obtaining recognition from my colleagues for contributions to my special field
- Influencing the political structure
- Influencing social values
- Raising a family
- Being very well off financially
- Helping others who are in difficulty
- Making a theoretical contribution to science
- Writing original works (poems, novels, etc.)
- Creating artistic work (paintings, sculpture, etc.)
- Becoming successful in a business of my own
- Developing a meaningful philosophy of life
- Participating in a community action program
- Helping to promote racial understanding
- Keeping up to date with political affairs
- Becoming a community leader
- Integrating spirituality into my life
- Improving my understanding of other countries and cultures
- Adopting "green" practices to protect the environment

27. To what extent have you experienced the following with students from a racial/ethnic group other than your own?

[Response categories: Very Often, Often, Sometimes, Seldom, Never]

- Dined or shared a meal
- Had meaningful and honest discussions about race/ethnic relations outside of class
- Pursued (by), dated, or otherwise intimately involved
- Felt understood
- Had guarded, cautious interactions
- Shared personal feelings and problems
- Had tense, somewhat hostile interactions
- Had intellectual discussions outside of class
- Felt insulted or threatened because of your race/ethnicity
- Felt ignored or invisible because your race/ethnicity
- Studied or prepared for class
- Socialized or partied

28. How often have professors at your college provided you with:

[Response categories: Frequently, Occasionally, Not at All]

• Encouragement to pursue graduate/professional study

- An opportunity to work on a research project
- Advice and guidance about your educational program
- Emotional support and encouragement
- A letter of recommendation
- Help to improve your study skills
- Feedback on your academic work (outside of grades)
- Encouragement to discuss coursework outside of class
- Help in achieving your professional goals

29. Please indicate your agreement with each of the following statements.

[Response categories: Strongly Agree, Agree Somewhat, Disagree Somewhat, Strongly Disagree]

- Racial discrimination is no longer a major problem in America
- Same sex couples should have the right to legal marital status
- Students from disadvantaged social backgrounds should be given preferential treatment in college admissions
- Abortion should be legal
- Marijuana should be legalized
- Dissent is a critical component of the political process
- Realistically, an individual can do little to bring about changes in our society
- Women should receive the same salary and opportunities for advancement as men in comparable positions
- The United States should intervene in the wars of other countries
- Colleges have the right to ban extreme speakers from campus
- Colleges should prohibit racist/sexist speech on campus
- Undocumented immigrants should be denied access to public education

30.	If you borrowed money to help pay for college expenses	, estimate how	much y	ou w	/ill
owe	e as of June 30, 2019: (print numbers carefully)				

\$.00
_	_	_	_	_	_	

31. How much of the past year's educational expenses (room, board, tuition, and fees) were covered from each of the following sources?

[Response categories: None, \$1 to \$2,999, \$3,000 to \$5,999, \$6,000 to \$9,999, \$10,000 to \$14,999, \$15,000 or more]

- Family resources (parents, relatives, spouse, etc.)
- My own resources (income from work, work-study, etc.)
- Aid which need not be repaid (grants, scholarships, military, etc.)
- Aid which must be repaid (loans, etc.)

32. To what extent are the following statements true of you:

[Response categories: Strongly Agree, Agree Somewhat, Neutral, Disagree Somewhat, Strongly Disagree]

- I have a strong sense of belonging to a community of scientists
- I derive great personal satisfaction from working on a team that is doing important research
- I think of myself as a scientist
- I feel like I belong in the field of science

33. How confident are you that you can:

[Response categories: Absolutely, Very, Moderately, Somewhat, Not at All]

- Use technical science skills (use of tools, instruments, and/or techniques)
- Generate an answerable research question
- Determine how to collect appropriate data
- Explain the results of a study
- Use scientific literature to guide research
- Integrate results from multiple studies
- Ask relevant questions
- Identify what is known and not known about a problem
- Understand scientific concepts
- See connections between different areas of science and mathematics

34. Rate yourself on each of the following traits as compared with the average person your age. We want the most accurate estimate of how you see yourself.

[Response categories: Highest 10%, Above Average, Average, Below Average, Lowest 10%]

- Academic ability
- Artistic ability
- Computer skills
- Cooperativeness
- Creativity
- Drive to achieve
- Emotional health
- Leadership ability
- Mathematical ability
- Physical health
- Public speaking ability
- Risk-taking
- Self-confidence (intellectual)
- Self-confidence (social)

•	Spirituality
•	Understanding of others
•	Writing ability
35. Wi	ll you pursue a science-related research career?
	Definitely yes
	Probably yes
	Uncertain
	Probably no
	Definitely no
consid	nen thinking about your career path after college, how important are the following erations:
[Respo	onse categories: Essential, Very Important, Somewhat Important, Not Important]
•	Working for social change
•	High income potential
•	Social recognition or status
•	Stable, secure future
•	Creativity and initiative
•	Expression of personal values
•	Availability of jobs
•	Leadership potential
•	Work/life balance
•	Ability to pay off debt
•	Connection to college major
37. Do	you plan to do the following in fall 2019?
	Work full-time
	Work part-time
	Attend graduate/professional school full-time
	Attend graduate/professional school part-time
	Complete additional undergraduate coursework/Post-baccalaureate program
	Participate in a service organization like the Peace Corps, AmeriCorps/VISTA, or Teach for America
	Serve in the Armed Forces
	Travel
	Perform volunteer work
	Stay at home to be with or start a family

• Self-understanding

38. With respect to being employed after graduation, which best describes the current state of your employment plans?		
	Not actively looking for a position Looking, but no offers yet Received an offer for a position, but declined Currently considering an offer Accepted an offer of employment Not planning on employment this fall	
	th respect to graduate or professional school, which best describes the current state r educational plans?	
	Accepted and will be attending in the fall Accepted and deferred admission until a later date Placed on waiting list, no acceptances Still awaiting responses, no acceptances Will be applying this coming fall Not applying this fall, but might apply at a future date No plans to apply to school now or in the future	
40. Ar	re you currently registered to vote?	
	Ineligible Yes No	
41. Mi	litary Status:	
	None ROTC, cadet, or midshipman at a service academy In the Reserves or in the National Guard On Active Duty A discharged veteran NOT serving on Active Duty, in the Reserves, or in the National Guard	
•	ou could make your college choice over, would you still choose to enroll at your t college?	
	Definitely yes Probably yes Probably no Definitely no	

43. Your current religious preference:	
	Agnostic
	Atheist
	Baptist
	Buddhist
	Church of Christ
	Eastern Orthodox
	Episcopalian
	Hindu
	Jewish
	LDS (Mormon)
	Lutheran
	Methodist
	Muslim
	Presbyterian
	Quaker
	Roman Catholic
	Seventh-day Adventist
	United Church of Christ/Congregational
	Other Christian
	Other religion(s)/Other belief(s)
	None

THANK YOU!