Attachment 14: 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 a 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
- \Box No,

1. Do you identify as transgender?

- □ Yes
- \Box 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)
- \Box Filipina/o/x
- □ Southeast Asian (e.g., Cambodian, Vietnamese, Hmong)
- □ South Asian (e.g., Indian, Pakistani, Nepalese, Sri Lankan)
- \Box Other Asian
- □ Native Hawaiian/Pacific Islander
- \Box Mexican American/Chicana/o/x
- Puerto Rican
- \Box South American
- \Box Other Latina/o/x
- □ Other

4. What year did you first enter:

(Select <u>one</u> in each column)

[Response categories: Your 1st College, This College]

- □ 2018 or 2019
- □ 2017
- □ 2016
- □ 2015
- \square 2014 or earlier

5. Please indicate your current enrollment status below:

- □ Full-time undergraduate
- □ Part-time undergraduate
- \Box Not enrolled

6. Expected Graduation Date:

- □ 2018
- □ 2019
- □ Other
- \Box Not sure

7. Please indicate the highest degree you (A) will have earned as of June 2019 and (B) plan to complete eventually at <u>any</u> institution.

(Select <u>one</u> in each column)

[Response categories: Highest Earned, Highest Planned]

- □ None
- □ Vocational certificate

- \Box Associate's (A.A. or equiv.)
- □ Bachelor's (B.A., B.S., etc.)
- □ Master's (M.A., M.S., etc.)
- \Box Ph.D. or Ed.D.
- □ M.D., D.O., D.D.S., or D.V.M.
- \Box LL.B. or J.D. (Law)
- □ B.D. or M.DIV. (Divinity)
- □ Other

8. What is your sexual orientation?

- □ 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?

- \Box 0 months
- \Box 1-3 months
- \Box 4-6 months
- \Box 7-12 months
- \Box 13-24 months
- \Box 25+ months

13. How would you characterize your political views?

- \Box Far left
- □ Liberal
- □ Middle-of-the-road
- □ Conservative
- □ Far right

14. Since entering college, have you:

- \Box Failed one or more courses
- □ Taken a remedial course
- \Box Taken an ethnic studies course
- \Box Taken a women's studies course
- □ Withdrawn from school temporarily
- \Box 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.

ARTS AND HUMANITIES

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 Biology121 Neurobiology/Neuroscience122 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 Education337 Music or Art Education338 Physical Education orRecreation339 Secondary Education340 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 Chemistry769 Earth & Planetary Sciences770 Marine Science771 Physics772 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 <u>CAREER/OCCUPATION</u>:

(Text for flap):

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

<u>ARTS</u>

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

Advertising
 Journalist
 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

LAW 52 Lawyer/Judge 53 Paralegal

SCIENCE AND ENGINEERING

54 Engineer

55 Research Scientist (e.g., Biologist, Chemist, Physicists) 56 Urban Planner/Architect

SERVICE INDUSTRY

57 Custodian/Janitor/Housekeeper
58 Food Service (e.g., Chef/Cook, Server)
59 Hair Stylist/Aesthetician/Manicurist
60 Interior Designer
61 Skilled Trades (e.g., Plumber, Electrician, Construction)
62 Social/Non-Profit Services

63 <u>CLERGY</u> 64 <u>HOMEMAKER/STAY AT HOME PARENT</u> 65 <u>OTHER</u> 66 UNDECIDED

17. Since entering college, have you:

- □ Joined a fraternity or sorority
- □ Joined a pre-professional or departmental club
- □ Held a full-time job (approx. 40 hours) while taking classes
- \Box Been homeless for at least one month
- □ Attended a racial/cultural awareness workshop
- □ Had a roommate of a different race/ethnicity
- □ Played club, intramural, or recreational sports
- □ Played intercollegiate athletics (e.g., NCAA or NAIA)
- □ Held a leadership position in an organization
- □ Voted in a national, state, or local election
- □ Found a faculty or staff mentor Participated in:
 - \Box An internship program
 - \Box Study abroad
 - □ Leadership training
 - □ Student government
 - □ An ethnic/racial student organization
 - \Box An undergraduate research program
 - □ An LGBTQ student organization
 - \Box A women's advocacy group

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

[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) <u>on</u> 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 <u>other than your own</u>?

[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 you will owe as of June 30, 2019: (print numbers carefully)

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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)

- Self-understanding
- Spirituality
- Understanding of others
- Writing ability

35. Will you pursue a science-related research career?

- □ Definitely yes
- □ Probably yes
- □ Uncertain
- □ Probably no
- □ Definitely no

36. When thinking about your career path after college, how important are the following considerations:

[Response 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
- \Box Serve in the Armed Forces
- □ Travel
- \Box Perform volunteer work
- \Box Stay at home to be with or start a family

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
- \Box Received an offer for a position, but declined
- □ Currently considering an offer
- □ Accepted an offer of employment
- □ Not planning on employment this fall

39. With respect to graduate or professional school, which best describes the current state of your educational plans?

- \Box 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. Are you currently registered to vote?

- □ Ineligible
- □ Yes
- 🗆 No

41. Military Status:

- □ None
- □ ROTC, cadet, or midshipman at a service academy
- □ In the Reserves or in the National Guard
- \Box On Active Duty
- □ A discharged veteran **NOT** serving on Active Duty, in the Reserves, or in the National Guard

42. If you could make your college choice over, would you still choose to enroll at your current college?

- □ Definitely yes
- □ Probably yes
- □ Probably no
- □ Definitely no

43. Your current religious preference:

- □ Agnostic
- □ Atheist
- Baptist
- □ Buddhist
- \Box Church of Christ
- \Box Eastern Orthodox
- \Box Episcopalian
- 🗆 Hindu
- □ Jewish
- □ LDS (Mormon)
- □ Lutheran
- □ Methodist
- □ Muslim
- □ Presbyterian
- □ Quaker
- □ Roman Catholic
- □ Seventh-day Adventist
- □ United Church of Christ/Congregational
- \Box Other Christian
- \Box Other religion(s)/Other belief(s)
- □ None

THANK YOU!