

Survey of College Seniors (PENN)
Draft 4, FINAL, 9/29/98

Note: This is a facsimile of the survey that will be programmed into OSRL's computer-aided telephone interviewing system (CATI). Variable names, interviewer instructions and answer categories are in capital letters and are not read aloud. All survey questions are allowed "don't know" and "refuse" answers, but to save space, these are not presented. Words and phrases in parentheses are used at Interviewers' discretion. R indicates Respondent.

HELLO1

Hello. May I please speak to _____?
1 R IS ON LINE; PRESS ANY KEY

HELLO2

Hello, this is _____ calling from the University of Oregon Survey Research Laboratory. We are conducting a nationwide survey of college seniors for the Institute on Higher Education at the University of Pennsylvania about how you chose your major and your future plans. I want to assure you that I am not selling a thing, and this 25 minute survey is completely confidential and voluntary.
ENTER 1

QUEST

Do you have any questions about the survey before we begin?
1 NO QUESTIONS OR QUESTIONS ANSWERED
HAS QUESTIONS ---> REFER TO INTERVIEWER INSTRUCTIONS

COOPERAT

We appreciate your cooperation. (I'd like to begin the survey now.)
1 OK TO CONTINUE
CTRL/END NO

SENIOR

First, are you a senior at _____?
IMPORT COLLEGE NAME
1 YES
2 NO ---> SKIPTO NOQAL

GRADDATE

In what month and year do you expect to graduate (from college)?
1 OCT, NOV, DEC 1998
2 JAN, FEB, MAR1999
3 APR, MAY, JUN 1999
4 JULY, AUG, SEPT 1999
5 OCT, NOV, DEC 1999
6 OTHER ---> SKIPTO NOQAL

AGE

How old are you (now)?
OPEN-ENDED, 2 DIGITS, CODE 15-85
IF AGE GT 25 ---> SKIPTO NOQAL
IF AGE LT 18 ---> SKIPTO NOQAL

HSTYPE

Now, think back to when you were in high school. What type of high school did you attend -- public, private, or religious?
PROBE IF MORE THAN ONE TYPE: What type of high school did you attend longest (-- public, private, or religious?)
1 PUBLIC
2 PRIVATE

3 RELIGIOUS

4 IF VOLUNTEERED: OTHER

HSFAV

What was your favorite subject in high school?

OPEN-ENDED

HSLEAST

What was your least favorite subject in high school?

OPEN-ENDED

AP1

Did you complete any advanced placement classes in high school?

1 YES

2 NO →SKIPTO HSGRADYR

AP2

How many (advanced placement classes did you complete)?

ENTER EXACT NUMBER COMPLETED

AP2

Were any of those classes in biological sciences?

PROBE: such as biology.

1 YES

2 NO

AP3

Were any (of those classes) in the physical sciences?

PROBE: such as physics or geology.

1 YES

2 NO

AP4

Were any (of those classes) in social sciences?

PROBE: such as economics, psychology, or sociology.

1 YES

2 NO

AP5

Were any (of those classes) in the humanities?

PROBE: such as languages or literature.

1 YES

2 NO

HSGRADYR

In what year did you graduate from high school (or get your GED)?

PROBE: A GED is a General Equivalency Diploma (which is granted after you pass a test).

ENTER YEAR, 4 DIGITS

HSCOLL

Did most of the people in your high school graduating class go to college?

1 YES

2 NO

COLLDIR

Did you go directly to college from high school or did you take some time off?

PROBE: not counting summer.

1 DIRECTLY
2 TOOK TIME OFF

B4THIS1

Did you attend any other college before enrolling at _____ ?

IMPORT COLLEGE NAME

1 YES

2 NO --> SKIPTO COLLMOST

B4THIS2

Did you attend a junior college?

1 YES

2 NO

B4THIS3

Did you study at a college in another country?

1 YES

2 NO

COLLMOST

When you were in high school, who was the most influential person who helped you choose which college to go to?

PROBE: Please tell me that person's relation to you, not their name.

OPEN-ENDED

HSMAJOR1

When you were in high school, did you ever talk with your parents (or step-parents) about what your college major would be?

PROBE: If there is someone else who feels like a parent to you, please think about that person.

1 YES

2 NO

HSMAJOR2

(When you were in high school,) did you ever talk with a teacher, coach, or high school guidance counselor about what your major in college would be?

1 YES

2 NO

HSMAJOR3

When you graduated from high school, did you know what you wanted your college major to be, even if you did not actually end up with that major?

1 YES

2 NO---> SKIPTO HSCARER1

HSMAJOR4

What was that?

OPEN-ENDED

HSMAJOR5

How old were you when you first thought seriously about majoring in this field?

PROBE: Was it before high school, during high school, or after high school?

OPEN-ENDED

HSMAJOR6

Did you select _____ because it was especially good for (that major/the major you had in mind)?

IMPORT COLLEGE NAME

1 YES

2 NO

HSMAJOR7

Is that major the same, or similar, to your major now (or is it different)?

PROBE: Is it the same, or is it similar?

1 SAME

2 SIMILAR

3 DIFFERENT

HSMAJOR8

When you were in high school, what person gave you the most useful information about your future college major?

PROBE: Please tell me that person's relation to you, not their name.

OPEN-ENDED

HSMAJOR9

(When you were in high school) who was the most supportive and helpful person as you were choosing your college major?

PROBE: Please tell me that person's relation to you, not their name.

OPEN-ENDED

HSCARER1

Now please think about your career plans. When you were in high school, did you talk with your parents (or step-parents) about what your future career or job would be?

PROBE: If there is someone else who feels like a parent to you, please think about that person.

1 YES

2 NO

HSCARER2

(When you were in high school,) did you talk with a teacher, coach, or high school guidance counselor about your career plans?

1 YES

2 NO

HSCARER3

When you graduated from high school, did you know what career or job you wanted for the future?

PROBE: -- even if your plans have changed.

1 YES

2 NO --> SKIPTO PRESSUR1

HSCARER4

What was that?

OPEN-ENDED

HSCARER5

Did you select _____ because it was especially good for (that career/the career you had in mind)?

IMPORT COLLEGE NAME

1 YES

2 NO

HSCARER6

Is this the same, or similar, to your career goals now (or is it different)?

PROBE: Is it the same, or is it similar?

1 SAME

2 SIMILAR

3 DIFFERENT

HSCARER7

When you were in high school, who most influenced your future career plans?

PROBE: even if your career plans later changed.

PROBE: Please tell me that person's relation to you, not their name.

OPEN-ENDED

HSCARER8

(When you were in high school) who was most supportive and helpful as you were developing your career plans?

PROBE: Please tell me that person's relation to you, not their name.

OPEN-ENDED

PRESSUR1

When you were in high school, did you feel pressure from family members to pursue a particular career?

1 YES

2 NO -->SKIPTO MAJORA

PRESSUR2

What career direction did they pressure you to pursue?

OPEN-ENDED

MAJORA

Now I need to ask you some questions about choosing your college major. (First,) were you ever an undeclared major during college?

1 YES

2 NO

MAJORB

(After you first declared a major,) did you ever change your major (during college)?

1 YES

2 NO --> SKIPTO MAJOR1

MAJORB1

How many times (did you change your major)?

OPEN-ENDED, CODE 1-6 CHANGES; 6=6 OR MORE

MAJORC

What was your first official or declared major at ____ ?

IMPORT COLLEGE NAME

OPEN-ENDED

MAJORC1

I need to ask you a few quick questions about the reasons why you chose your first official or declared major. Did you choose it because it matched your talents?

PROBE:

1 YES

2 NO

MAJORC2

(Did you choose (it/your first official or declared major)) because of personal interest?

1 YES

2 NO

MAJORC3

(Did you choose(it/your first official or declared major)) because you thought it was easy?

1 YES

2 NO

MAJORC4

(Did you choose (it/your first official or declared major)) (because) it had few requirements?

- 1 YES
- 2 NO

MAJORC5

(Did you choose (it/your first official or declared major)) (because) you thought it would be good for getting into graduate school?

- 1 YES
- 2 NO

MAJORC6

(Did you choose (it/your first official or declared major)) (because) you thought it would lead to good jobs?

- 1 YES
- 2 NO

MAJORC7

(Did you choose (it/your first official or declared major)) (because) you had friends in that major?

- 1 YES
- 2 NO

MAJORC8

Was there any other reason (you chose (it/your first official or declared major))?

- 1 YES
- 2 NO → SKIPTO MAJORC9

MAJORC8A

What was that?

OPEN-ENDED

MAJORC9

Which one of these reasons was most important to you when you chose your first major?

IMPORT "YES" ANSWERS TO MAJORC1...MAJORC8

- 1 MATCHED TALENTS
- 2 PERSONAL INTEREST
- 3 EASY
- 4 FEW REQUIREMENTS
- 5 GOOD FOR GRADUATE SCHOOL
- 6 LEAD TO GOOD JOBS
- 7 FRIENDS IN MAJOR
- 8 OTHER

MAJORD1

Now a few questions about why you left this major. Did you leave (it/your first major) because you lost interest?

- 1 YES
- 2 NO

MAJORD2

(Did you leave (it/your first major)) because you weren't getting good grades?

- 1 YES
- 2 NO

MAJORD3

(Did you leave (it/your first major)) (because) it was too competitive?

- 1 YES
- 2 NO

MAJORD4

(Did you leave (it/your first major)) (because) it was an uncomfortable environment?

- 1 YES
- 2 NO

MAJORD5

(Did you leave(it/your first major)) (because) it wasn't what you thought it would be like?

- 1 YES
- 2 NO

MAJORD6

(Did you leave (it/your first major)) (because) you became interested in another subject?

- 1 YES
- 2 NO

MAJORD7

Was there another reason you left (it/your first major))?

- 1 YES
- 2 NO --> SKIPTO MAJORD8

MAJORD7A

What was that?

OPEN-ENDED

MAJORD8

What was the one most important reason you left your first major?

IMPORT "YES" ANSWERS TO MAJORD1...MAJORD7

- 1 LOST INTEREST
- 2 WASN'T GETTING GOOD GRADES
- 3 TOO COMPETITIVE
- 4 UNCOMFORTABLE ENVIRONMENT
- 5 WASN'T WHAT THOUGHT IT WOULD BE
- 6 INTERESTED IN OTHER SUBJECT
- 7 OTHER

MAJORE

What did your mother think of your first major -- did she strongly approve, somewhat approve, or disapprove (of it)?

PROBE: If you have a step-mother or someone who feels like a mother to you, did she strongly approve, somewhat approve, or disapprove of (it/your first major)?

- 1 STRONGLY APPROVE
- 2 SOMEWHAT APPROVE
- 3 DISAPPROVE
- 4 IF VOLUNTEERED: NO MOM
- 5 IF VOLUNTEERED: DIDN'T CARE

MAJORF

What about your father -- did he strongly approve, somewhat approve, or disapprove of your first major?

PROBE: If you have a step-father or someone who feels like a father to you, did he strongly approve, somewhat approve, or disapprove of (it/your first major)?

- 1 STRONGLY APPROVE
- 2 SOMEWHAT APPROVE
- 3 DISAPPROVE
- 4 IF VOLUNTEERED: NO DAD
- 5 IF VOLUNTEERED: DIDN'T CARE

MAJORG

What about your friends -- did they strongly approve, somewhat approve, or disapprove (of your first major)?

- 1 STRONGLY APPROVE

- 2 SOMEWHAT APPROVE
- 3 DISAPPROVE
- 4 IF VOLUNTEERED: NO FRIENDS
- 5 IF VOLUNTEERED: DIDN'T CARE

MAJORH

What about your high school teachers -- did they encourage you strongly, encourage you somewhat, or did they discourage you?

- 1 ENCOURAGE STRONGLY
- 2 ENCOURAGE SOMEWHAT
- 3 DISCOURAGE
- 4 IF VOLUNTEERED: NO TEACHER RELATIONSHIPS
- 5 IF VOLUNTEERED: DIDN'T CARE

MAJORI

How old were you when you settled on (your first major/this major)?

OPEN-ENDED, CODE IN YEARS, AGE 3 TO VARIABLE "AGE" FROM ABOVE

MAJOR1

Let's talk a bit about your current major. Do you have one major, a double major, or a major and an official minor?

- 1 ONE MAJOR --> SKIPTO MAJOR2
- 2 DOUBLE MAJOR --> SKIPTO MAJOR2
- 3 MAJOR + MINOR --> SKIPTO MAJOR2
- 4 OTHER

MAJOR1A

ENTER R'S "OTHER" ANSWER TO MAJOR1

PROBE: What is that?

OPEN-ENDED

MAJOR2

What (is your major/ are your majors/ is your major and minor)?

OPEN-ENDED

MAJOR3

Did you seriously consider any alternatives to this major when you were in college?

- 1 YES
- 2 NO --> SKIPTO MAJOR4

MAJOR3A

What was one of those?

OPEN-ENDED

MAJOR3B

Why didn't you pursue it?

OPEN-ENDED

MAJOR3C

What was another alternative major you considered?

OPEN-ENDED

MAJOR3D

Why didn't you pursue it?

OPEN-ENDED

MAJOR3E

What was another alternative major you considered?

OPEN-ENDED

MAJOR3F

Why didn't you pursue it?

OPEN-ENDED

MAJOR4

Did you choose this major because it matches your talents?

PROBE FOR MULTIPLE MAJORS: Please focus on (one major/your main major).

1 YES

2 NO

MAJOR5

(Did you choose this major) because of personal interest?

1 YES

2 NO

MAJOR6

(Did you choose this major) (because) it is easy?

1 YES

2 NO

MAJOR7

(Did you choose this major) (because) it has few requirements?

1 YES

2 NO

MAJOR8

(Did you choose this major) (because) it will be good for getting into graduate school?

1 YES

2 NO

MAJOR9

(Did you choose this major) (because) it leads to good jobs?

1 YES

2 NO

MAJOR9A

(Did you choose this major) (because) you have friends in it?

1 YES

2 NO

MAJOR10

Is there any other reason (you chose this major)?

1 YES

2 NO -- SKIPTO MAJOR11

MAJOR10A

What is that?

OPEN-ENDED

MAJOR11

Which one of these reasons (that we have just talked about) was most important to you in choosing your major?

IMPORT "YES" ANSWERS TO MAJOR4...MAJOR10

1 MATCHES TALENTS

2 PERSONAL INTEREST

3 EASY

- 4 FEW REQUIREMENTS
- 5 GOOD FOR GRADUATE SCHOOL
- 6 LEAD TO GOOD JOBS
- 7 FRIENDS
- 8 OTHER

IF MAJORE EQ 4, CODE 4 IN MAJOR12 AND SKIPTO MAJOR13
MAJOR12

What does your mother think of your major -- does she strongly approve, somewhat approve, or disapprove (of your major)?

PROBE: If you have a step-mother or someone who feels like a mother to you, does she strongly approve, somewhat approve, or disapprove (of your major)?

- 1 STRONGLY APPROVE
- 2 SOMEWHAT APPROVE
- 3 DISAPPROVE
- 4 IF VOLUNTEERED: NO MOM
- 5 IF VOLUNTEERED: DIDN'T CARE

IF MAJORE EQ 4, CODE 4 IN MAJOR13 AND SKIPTO MAJOR14
MAJOR13

What about your father (-- does he strongly approve, somewhat approve, or disapprove) (of your major)?

PROBE: If you have a step-father or someone who feels like a father to you, does he strongly approve, somewhat approve, or disapprove (of your major)?

- 1 STRONGLY APPROVE
- 2 SOMEWHAT APPROVE
- 3 DISAPPROVE
- 4 IF VOLUNTEERED: NO DAD
- 5 IF VOLUNTEERED: DIDN'T CARE

IF MAJORE EQ 4, CODE 4 IN MAJOR14 AND SKIPTO MAJOR15
MAJOR14

What about your friends (-- do they strongly approve, somewhat approve, or disapprove) (of your major)?

- 1 STRONGLY APPROVE
- 2 SOMEWHAT APPROVE
- 3 DISAPPROVE
- 4 IF VOLUNTEERED: NO FRIENDS
- 5 IF VOLUNTEERED: DIDN'T CARE

IF MAJORE EQ 4, CODE 4 IN MAJOR15 AND SKIPTO MAJOR16
MAJOR15

What about your college professors -- do they encourage you strongly, encourage you somewhat, or do they discourage you?

- 1 ENCOURAGE STRONGLY
- 2 ENCOURAGE SOMEWHAT
- 3 DISCOURAGE
- 4 IF VOLUNTEERED: NO PROFESSOR RELATIONSHIPS
- 5 IF VOLUNTEERED: DIDN'T CARE

MAJOR16

How old were you when you first thought seriously about majoring in this field?

OPEN-ENDED, CODE IN YEARS, AGE 3 TO VARIABLE "AGE" FROM ABOVE

MAJOR17

How old were you when you settled on (your major/these)?

OPEN-ENDED, CODE IN YEARS, AGE 3 TO VARIABLE "AGE" FROM ABOVE

MAJOR18

Now I need to ask you a few questions about how you perceive your major. Do you find it interesting and stimulating?

1 YES

2 NO

MAJOR19

Are you especially good at (it/your major)?

1 YES

2 NO

MAJOR20

Are professors and advisors in (it/your major) friendly and supportive?

1 YES

2 NO

MAJOR21

Are other students in (it/your major) friendly and supportive?

1 YES

2 NO

MAJOR22

Is (it/your major) intellectually challenging to you?

1 YES

2 NO

MAJOR23

Is (it/your major) loaded with requirements?

1 YES

2 NO

MAJOR24

Will (it/your major) lead to good-paying job opportunities?

1 YES

2 NO

MAJOR25

Will (it/your major) lead to a job that is personally satisfying to you?

1 YES

2 NO

MAJOR26

Did you have to apply to be accepted into your major?

1 YES

2 NO

INTERVIEWER NOTE: IF R'S MAJOR IS ENGINEERING RELATED, CODE 3 IN ENGIN1
ENGIN1

Have you ever considered majoring in engineering?

1 YES --> SKIPTO ENGIN1B

2 NO

3 R'S MAJOR IS ENGINEERING -->SKIPTO CHEM1

ENGIN1A

Why not?

OPEN-ENDED

SKIPTO NURS1

ENGIN1B

Why did you decide not to pursue (it/a major in engineering)?

OPEN-ENDED

SKIPTO NURS1

INTERVIEWER NOTE: IF R'S MAJOR IS CHEMISTRY RELATED, CODE 3 IN CHEM1
CHEM1

Have you ever considered majoring in chemistry?

1 YES --> SKIPTO CHEM1B

2 NO

3 R'S MAJOR IS CHEMISTRY -->SKIPTO NURS1

CHEM1A

Why not?

OPEN-ENDED

SKIPTO NURS1

CHEM1B

Why did you decide not to pursue (it/a major in chemistry)?

OPEN-ENDED

INTERVIEWER NOTE: IF R'S MAJOR IS NURSING RELATED, CODE 3 IN NURS1
NURS1

Have you ever considered majoring in nursing?

1 YES --> SKIPTO NURS1B

2 NO

3 R'S MAJOR IS NURSING -->SKIPTO EDUCA1

NURS1A

Why not?

OPEN-ENDED

SKIPTO CARER1

NURS1B

Why did you not pursue (it/a major in nursing)?

OPEN-ENDED

SKIPTO CARER1

INTERVIEWER NOTE: IF R'S MAJOR IS EDUCATION RELATED, CODE 3 IN EDUCA1
EDUCA1

Have you ever considered majoring in education?

1 YES --> SKIPTO EDUCA1B

2 NO

3 R'S MAJOR IS EDUCATION -->SKIPTO CARER1

EDUCA1A

Why not?

OPEN-ENDED

SKIPTO CARER1

EDUCA1B

Why did you not pursue (it/a major in education)?

OPEN-ENDED

CARER1

Do you see your major as leading you to a specific career goal?

1 YES

2 NO --> SKIPTO CARER1C

CARER1A

What is that?

PROBE: What specific career goal will your major lead you to?

PROBE: What particular job title or type of employer do you have in mind?

OPEN-ENDED

CARER1B

Is that your actual career goal?

1 YES --> SKIPTO CARER1E

2 NO

CARER1C

Do you have a specific career goal?

1 YES

2 NO -->SKIPTO CARER15

CARER1D

What is that?

PROBE: What particular job title or type of employer do you have in mind?

OPEN-ENDED

CARER1E

How old were you when you first thought seriously about this career goal?

PROBE: Was it before high school, during high school, or after high school?

OPEN-ENDED

CARER1F

How old were you when you settled on this career?

PROBE: Was it before high school, during high school, or after high school?

OPEN-ENDED

IF CARER1B EQ 2 SKIPTO CARER1I

CARER1G

Which came first for you, your choice of career or your choice of major leading to this career?

1 CAREER --->SKIPTO CARER1I

2 MAJOR --->SKIPTO CARER1I

3 IF VOLUNTEERED: SAME TIME --->SKIPTO CARER1I

4 OTHER --> SPECIFY

CARER1H

TYPE "OTHER" ANSWER FROM CARER1G

PROBE: Would you repeat that?

OPEN-ENDED

CARER1I

Did you ever seriously consider any other career possibilities?

1 YES

2 NO --->SKIPTO CARER2

CARER1J

What was one of those?

OPEN-ENDED

CARER1K

Why didn't you pursue it?

OPEN-ENDED

CARER1L

What was another career possibility you considered?

OPEN-ENDED

CARER1M

Why didn't you pursue it?

OPEN-ENDED

CARER1N

What was another career possibility you considered?

OPEN-ENDED

CARER1J

Why didn't you pursue it?

CARER2

Did you choose your career goal because of it has a high income?

1 YES

2 NO

CARER3

(Did you choose (it/ your career goal) because it matches your talents?

1 YES

2 NO

CARER4

(Did you choose (it/ your career goal) (because) it is easy?

1 YES

2 NO

CARER5

(Did you choose (it/ your career goal) because of personal interest?

1 YES

2 NO

CARER6

(Did you choose (it/ your career goal) (because) the work will be satisfying?

1 YES

2 NO

CARER7

(Did you choose (it/ your career goal) (because) it will be possible to balance employment and family life in the future?

1 YES

2 NO

CARER8

(Did you choose (it/ your career goal) (because) there will be opportunities for personal growth?

1 YES

2 NO

CARER9

(Did you choose (it/ your career goal) (because) friends of yours were planning to pursue this career?

1 YES

2 NO

CARER10

(Did you choose (it/ your career goal) (because) of the loans you have taken out during college?

1 YES

2 NO

CARER11

Is there any other reason (you chose (it/ this career goal)?

1 YES

2 NO -- SKIPTO CARER12

CARER11A

What is that?

OPEN-ENDED

CARER12

Which one of these reasons is most important to you?

IMPORT "YES" ANSWERS TO CARER2...CARER11

1 HIGH INCOME

2 MATCHES TALENTS

3 EASY

4 PERSONAL INTEREST

5 SATISFYING WORK

6 BALANCE WORK AND FAMILY

7 PERSONAL GROWTH

8 FRIENDS

9 COLLEGE LOANS

10 OTHER

IF MAJORE EQ 4 OR MAJOR12 EQ 4, CODE 4 IN CARER11 AND SKIPTO CARER12

CARER11

What does your mother think of your career goal -- does she strongly approve, somewhat approve, or disapprove (of it)?

PROBE: If you have a step-mother or someone who feels like a mother to you, does she strongly approve, somewhat approve, or disapprove (of (it/your career goal))?

1 STRONGLY APPROVE

2 SOMEWHAT APPROVE

3 DISAPPROVE

4 IF VOLUNTEERED: NO MOM

5 IF VOLUNTEERED: DIDN'T CARE

IF MAJORF EQ 4 OR MAJOR13 EQ 4, CODE 4 IN CARER12 AND SKIPTO CARER13

CARER12

What about your father -- does he strongly approve, somewhat approve, or disapprove (of your career goal)?

PROBE: If you have a step-father or someone who feels like a father to you, does he strongly approve, somewhat approve, or disapprove (of (it/ your career goal))?

1 STRONGLY APPROVE

2 SOMEWHAT APPROVE

3 DISAPPROVE

4 IF VOLUNTEERED: NO DAD

5 IF VOLUNTEERED: DIDN'T CARE

IF MAJORG EQ 4 OR MAJOR14 EQ 4, CODE 4 IN CARER13 AND SKIPTO CARER14

CARER13

What about your friends -- (do they strongly approve, somewhat approve, or disapprove) (of your career goal)?

1 STRONGLY APPROVE

2 SOMEWHAT APPROVE

3 DISAPPROVE
4 IF VOLUNTEERED: NO FRIENDS
5 IF VOLUNTEERED: DIDN'T CARE

IF MAJORH EQ 4 OR MAJOR15 EQ 4, CODE 4 IN CARER14 AND SKIPTO INTERN
CARER14

What about your teachers -- do they encourage you strongly, encourage you somewhat, or do they discourage you?

1 ENCOURAGE STRONGLY
2 ENCOURAGE SOMEWHAT
3 DISCOURAGE
4 IF VOLUNTEERED: NO TEACHER RELATIONSHIPS
5 IF VOLUNTEERED: DIDN'T CARE

INTERN

Did you develop an interest in this career from experience you had on a summer job or an internship?

1 YES
2 NO

RELATIVS

Have you talked with friends or relatives who work in this field about career possibilities?

1 YES
2 NO

COUNSEL

Have you talked with career planning counselors about career possibilities in this field?

1 YES
2 NO

WORKPLAC

Have you visited offices or work places where people work in this field?

1 YES
2 NO

IF ONE OR FEWER OF THE ABOVE FOUR QUESTIONS (INTERN, RELATIVS, COUNSEL, WORKPLAC)
EQUALS 1 ("YES") SKIPTO INFOCARR. ELSE IMPORT THOSE WITH "YES" ANSWERS
MOSTVAL

Which of these has been most valuable to you?

PROBE FROM LIST

1 SUMMER JOB, INTERNSHIP
2 FRIENDS, RELATIVES
3 CAREER PLANNING COUNSELOR
4 VISITS TO OFFICES, WORKPLACES

INFOCARR

Do you feel well informed about the type of work you are planning?

1 YES
2 NO

INFOALT

Do you feel well informed about alternative career possibilities?

1 YES
2 NO

CARER15

We are over halfway done with the survey now, and I would like to thank you sincerely for your time. Next, I will read some statements about your career choices in general. For each one, please tell me if it is definitely true for

you, somewhat true for you, or not true for you. The first one is, choosing a career is hard these days because the economy is changing so fast.

PROBE: (Is that) definitely true for you, somewhat true for you, or not true for you.

- 1 DEFINITELY TRUE
- 2 SOMEWHAT TRUE
- 3 NOT TRUE

CARER16

I am unsure what career to pursue because I don't know what I am best in.

PROBE: (Is that) definitely true for you, somewhat true for you, or not true for you.

- 1 DEFINITELY TRUE
- 2 SOMEWHAT TRUE
- 3 NOT TRUE

CARER17

I have given my future career a great deal of thought.

PROBE: (Is that) definitely true for you, somewhat true for you, or not true for you.

- 1 DEFINITELY TRUE
- 2 SOMEWHAT TRUE
- 3 NOT TRUE

CARER18

There are so many good career options these days, it is hard to narrow my choice.

PROBE: (Is that) definitely true for you, somewhat true for you, or not true for you.

- 1 DEFINITELY TRUE
- 2 SOMEWHAT TRUE
- 3 NOT TRUE

CARER19

I expect to be the main breadwinner in my family in ten years.

PROBE: (Is that) definitely true for you, somewhat true for you, or not true for you.

- 1 DEFINITELY TRUE
- 2 SOMEWHAT TRUE
- 3 NOT TRUE

CARER20

I expect to contribute to my family's income in ten years, but I do not expect to be the sole earner.

PROBE: (Is that) definitely true for you, somewhat true for you, or not true for you.

- 1 DEFINITELY TRUE
- 2 SOMEWHAT TRUE
- 3 NOT TRUE

INC1

On a different topic (you might be interested to know that) the average college graduate earns thirty thousand dollars per year. When you are 30 years old, do you believe you will be earning more or less than thirty thousand dollars per year?

- 1 MORE
- 2 LESS --> SKIPTO SPINC1

INC2

When you are 30 years old, do you believe you will be earning more or less than fifty thousand dollars per year?

- 1 MORE
- 2 LESS --> SKIPTO SPINC1

INC3

When you are 30 years old, do you believe you will be earning more or less than seventy-five thousand dollars per year?

1 MORE
2 LESS --> SKIPTO SPINC1

INC4

When you are 30 years old, do you believe you will be earning more or less than one hundred thousand dollars per year?

1 MORE
2 LESS

SPINC1

If you are married when you are 30 years old, do you believe your spouse will earn more or less than thirty thousand dollars per year?

1 MORE
2 LESS --> SKIPTO JOBVAL1
3 IF VOLUNTEERED: R WILL NOT MARRY --> SKIPTO JOBVAL1

SPINC2

(If you are married when you are 30 years old,) do you believe your spouse will earn more or less than fifty thousand dollars per year?

1 MORE
2 LESS --> SKIPTO JOBVAL1

SPINC1

(If you are married when you are 30 years old,) do you believe your spouse will earn more or less than seventy-five thousand dollars per year?

1 MORE
2 LESS --> SKIPTO JOBVAL1

SPINC1

(If you are married when you are 30 years old,) do you believe your spouse will earn more or less than one hundred thousand dollars per year?

1 MORE
2 LESS

JOBVAL1

The next questions are about the things you may find personally important in jobs in your future. Is it important to you to have a job with a high income.

1 YES
2 NO

JOBVAL2

(What about/ Is it personally important to you to have) (a job with) good opportunities for advancement?

1 YES
2 NO

JOBVAL3

(What about/ Is it personally important to you to have) (a job with) an occupation that is respected?

1 YES
2 NO

JOBVAL4

(What about/ Is it personally important to you to have) (a position with) job security?

1 YES
2 NO

JOBVAL5

(What about/ Is it personally important to you to have) a job that allows lots of leisure time?

1 YES
2 NO

JOBVAL6

(What about/ Is it personally important to you to have) an interesting job?

1 YES
2 NO

JOBVAL7

(What about/ Is it personally important to you to have) a job that allows you to work independently?

1 YES
2 NO

JOBVAL8

(What about/ Is it personally important to you to have) (a job with) lots of responsibility?

1 YES
2 NO

JOBVAL9

(What about/ Is it personally important to you to have) (a job with) lots of contact with people?

1 YES
2 NO

JOBVAL10

(What about/ Is it personally important to you to have) (a job with) a job that allows you to help people?

1 YES
2 NO

JOBVAL11

(What about/ Is it personally important to you to have) (a job with) a job that allows you to balance work and family life?

1 YES
2 NO

IDEAL1

Now, think about your ideal job or career in the future. Imagine that you had all the abilities you need, no problems with money, and no difficulties gaining access to education, training or jobs. What would be your ideal job or career?

OPEN-ENDED

IDEAL2

Is this the job or career you are actually planning to pursue?

1 YES --> SKIPTO CHANG1
2 NO

IDEAL3

Why? (Why aren't you actually pursuing this (job or career)?)

PROBE: Is there anything else?

OPEN-ENDED

CHANG1

Now please think about how you may have changed since you started college. Would you say your intellectual curiosity has increased, decreased or stayed the same?

PROBE: Has it increased, decreased or stayed the same?

1 INCREASED
2 DECREASED
3 STAYED THE SAME

CHANG2

What about your concern with social problems (-- has it increased, decreased or stayed the same)?

PROBE: Has it increased, decreased or stayed the same?

1 INCREASED

2 DECREASED

3 STAYED THE SAME

CHANG3

What about your interest in working with people?

PROBE: Has it increased, decreased or stayed the same?

1 INCREASED

2 DECREASED

3 STAYED THE SAME

CHANG4

Has your interest in earning lots of money increased, decreased or stayed the same?

PROBE: Has it increased, decreased or stayed the same?

1 INCREASED

2 DECREASED

3 STAYED THE SAME

SELF1

The next few questions are about how you approach life. Do you have trouble sticking with decisions you have made?

1 YES

2 NO

SELF2

Do you believe that good luck is more important for success than hard work?

1 YES

2 NO

SELF3

Are you able to do things as well as most people?

1 YES

2 NO

SELF4

Is the future too uncertain for you to plan ahead?

1 YES

2 NO

SELF5

On the whole, are you satisfied with yourself?

1 YES

2 NO

GENROL

Please tell me if you agree or disagree with the following statements.

PRESS ANY KEY TO CONTINUE

TOSHIHIKO – PLEASE RANDOMLY ASSIGN HALF THE RESPONDENTS TO GENROL1, GENROL3, GENROL5 AND GENROL7. ASSIGN THE OTHER HALF TO GENROL2, GENROL4, GENROL6, GENROL8.

GENROL1

Most men are better suited emotionally for politics than most women.

PROBE: (Do you) agree or disagree?

1 AGREE

2 DISAGREE

3 IF VOLUNTEERED: NEUTRAL

GENROL2

Preschool children are likely to suffer if their mother works.

PROBE: (Do you) agree or disagree?

1 AGREE

2 DISAGREE

3 IF VOLUNTEERED: NEUTRAL

GENROL3

Most women and their families will be happier if the mother is employed.

PROBE: (Do you) agree or disagree?

1 AGREE

2 DISAGREE

3 IF VOLUNTEERED: NEUTRAL

GENROL4

Most women can excel in any field if they put their minds to it.

PROBE: (Do you) agree or disagree?

1 AGREE

2 DISAGREE

3 IF VOLUNTEERED: NEUTRAL

GENROL5

Housework should be divided equally between husbands and wives.

PROBE: (Do you) agree or disagree?

1 AGREE

2 DISAGREE

3 IF VOLUNTEERED: NEUTRAL

GENROL6

Men and women naturally gravitate to different career goals.

PROBE: (Do you) agree or disagree?

1 AGREE

2 DISAGREE

3 IF VOLUNTEERED: NEUTRAL

GENROL7

Most girls are as good in math as most boys.

PROBE: (Do you) agree or disagree?

1 AGREE

2 DISAGREE

3 IF VOLUNTEERED: NEUTRAL

GENROL8

Both wives and husbands should contribute to the household income.

PROBE: (Do you) agree or disagree?

1 AGREE

2 DISAGREE

3 IF VOLUNTEERED: NEUTRAL

POLATT

In terms of political attitudes, do you consider yourself very conservative, somewhat conservative, moderate, somewhat liberal, or very liberal?

- 1 VERY CONSERVATIVE
- 2 SOMEWHAT CONSERVATIVE
- 3 MODERATE
- 4 SOMEWHAT LIBERAL
- 5 VERY LIBERAL
- 6 IF VOLUNTEERED: OTHER

POLIMP

To you, are politics very important, somewhat important, not very important, or not at all important?

- 1 VERY IMPORTANT
- 2 SOMEWHAT IMPORTANT
- 3 NOT VERY IMPORTANT
- 4 NOT AT ALL IMPORTANT

FUTUR1

Now please think about the future. Do you think a bachelor's degree will be the highest degree you earn, or do you expect to complete an advanced degree?

PROBE: What is the highest degree you expect to obtain?

PROBE: What kind of (masters/doctorate)?

PROBE FROM LIST

- 1 BACHELORS
- 2 MASTERS OF BUSINESS ADMINISTRATION
- 3 ANOTHER KIND OF MASTERS DEGREE
- 4 LAW DEGREE
- 5 MEDICAL DOCTOR DEGREE
- 6 DOCTORAL DEGREE

FUTUR2

Do you plan to get married some day?

- 1 YES --> SKIPTO FUTUR2B
- 2 NO --> SKIPTO FUTUR3
- 3 IF VOLUNTEERED: ALREADY MARRIED

FUTUR2A

How old were you when you got married?

CODE EXACT AGE
SKIPTO FUTUR3

FUTUR2B

How old do you think you will be when you get married?

CODE EXACT AGE

FUTUR3

Do you plan to have children?

- 1 YES
- 2 NO --> SKIPTO STEADY
- 3 IF VOLUNTEERED: ALREADY A PARENT--> SKIPTO FUTUR3B

FUTUR3A

How old do you think you will be when you have your first child?

CODE AGE 18-50
SKIPTO FUTUR3D

FUTUR3B

How old were you when you had your first child?

CODE AGE 12-50
SKIPTO STEADY

FUTUR3C

How many children do you have?

NOTE: DO NOT COUNT "BUNS IN THE OVEN."

OPEN-ENDED, CODE 1-6, 6=6 OR MORE

SKIPTO STEADY

FUTUR3D

How many children do you want to have (altogether)?

OPEN-ENDED, CODE 1-6, 6=6 OR MORE

IF FUTUR2 EQ 3, SKIPTO FUTUR4

STEADY

Do you have a steady romantic partner now?

1 YES

2 NO

FUTUR4

Thinking ahead to age 30, do you expect to be employed full time, employed part time, do you think you will be a full-time student, or do you expect to be out of the labor force raising children?

1 EMPLOYED FULL TIME --> SKIPTO SEX

2 EMPLOYED PART TIME --> SKIPTO SEX

3 STUDENT --> SKIPTO SEX

4 OLF RAISING KIDS --> SKIPTO SEX

5 IF VOLUNTEERED: OTHER

FUTUR4A

RECORD R'S "OTHER" RESPONSE TO FUTUR4

PROBE: Would you repeat that again?

OPEN-ENDED

SEX

I'll end the survey with a few questions about yourself. (This may sound silly but) are you male or female?

1 MALE

2 FEMALE

HISPANIC

Are you of Hispanic origin?

PROBE: Are you of Mexican, Puerto Rican, Latin American or Spanish descent?

1 YES

2 NO

RACE

What is your race?

PROBE FROM LIST: Are you ...

1 WHITE/CAUCASIAN

2 BLACK/AFRICAN AMERICAN

3 ASIAN AMERICAN/PACIFIC ISLANDER

4 AMERICAN INDIAN/NATIVE AMERICAN

5 ESKIMO, ALEUT, ALASKAN NATIVE

6 IF VOLUNTEERED: MIXED RACE

7 IF VOLUNTEERED: OTHER

RELIGION

What is your religion?

PROBE: In what religion were you raised?

PROBE IF "CHRISTIAN": What denomination is that?

OPEN-ENDED

CITIZEN1

Are you a U.S. citizen?

1 YES --> SKIPTO SAT_ACT

2 NO

CITIZEN2

What nation are you a citizen of?

OPEN-ENDED

SAT_ACT

Did you take the SAT exams or the ACT exam (or both) (to get into college)?

1 SAT

2 ACT → SKIPTO ACT

3 BOTH

4 NEITHER → SKIPTO GPAMAJOR

SATMATH

What was your math SAT score?

PROBE: What is your best estimate?

OPEN-ENDED, CODE 1-600

SATVERB

What was your verbal SAT score?

PROBE: What is your best estimate?

OPEN-ENDED, CODE 1-600

IF SAT_ACT NE 3, SKIPTO GPAMAJOR

ACT

What was your ACT score?

OPEN-ENDED, 1-50

GPAMAJOR

What is your GPA in your major?

PROBE: What is your best estimate?

OPEN-ENDED, CODE 3 DIGITS WITH DECIMAL, X.XX

GPA

What is your overall GPA?

OPEN-ENDED, CODE 3 DIGITS WITH DECIMAL, X.XX

FINAID

Have you received any financial aid as a college student?

PROBE: Have you received any need-based grants, loans, scholarships, or work-study?

NOTE: EXCLUDE MERIT-BASED SCHOLARSHIPS; INCLUDE ONLY NEED-BASED SCHOLARSHIPS AND LOANS.

1 YES

2 NO → SKIPTO STOPOUT

LOANS

When you graduate, approximately how much will you owe in student loans?

OPEN-ENDED, 6 DIGITS, 0-99996. 99996 = \$99,996 OR MORE

STOPOUT

During college have you stopped out or taken any time off, not counting summers (or did you go straight through)?

1 TOOK TIME OFF

2 WENT STRAIGHT THROUGH

TRAVIN

Have you ever traveled for a week or more around the United States and Canada?

1 YES

2 NO

TRAVOUT

Have you ever traveled for a week or more outside of the United States and Canada?

1 YES

2 NO

CULTUR1

I'll end with a few quick questions about your activities. In the past 12 months have you visited a museum or art gallery?

1 YES

2 NO

CULTUR2

(Have you attended) a play or concert (in the past 12 months)?

1 YES

2 NO

ACT1

(Have you) done any volunteer work (in the past 12 months)?

1 YES

2 NO

ACT2

(Have you) attended any sporting events (in the past 12 months)?

1 YES

2 NO

ACT3

(Have you attended) a religious service (in the past 12 months)?

1 YES

2 NO

ACT4

(Have you) gone on a date (in the past 12 months)?

1 YES

2 NO

ACT5

(Have you) attended a party (in the past 12 months)?

1 YES

2 NO

ACT6

Now thinking about the past 2 weeks, have you exercised or taken part in sports?

1 YES

2 NO

CULT3

(Have you) participated in arts, music or theater activities (in the past 2 weeks)?

1 YES

2 NO

ACT7

(Have you) taken part in other campus groups or clubs (in the past 2 weeks)?

1 YES

2 NO

ACT8

(Have you) used the internet, email or the World Wide Web (in the past 2 weeks)?

1 YES

2 NO

ACT9

(Have you) worked at a job to earn money (in the past 2 weeks)?

1 YES

2 NO

HSPLACE1

What state did you live in when you were a senior high school?

PROBE: What state did you live in when you finished high school?

OPEN-ENDED

HSPLACE2

Was the place you lived in then ...

PROBE FROM LIST:

1 A LARGE CITY OR METROPOLITAN AREA

2 THE SUBURB OF A LARGE CITY OR METROPOLITAN AREA

3 A MEDIUM SIZED CITY OR METROPOLITAN AREA

4 THE SUBURB OF A MEDIUM SIZED CITY OR METROPOLITAN AREA

5 A SMALL CITY OR SUBURB

6 A SMALL TOWN

7 A RURAL AREA

8 IF VOLUNTEERED: OTHER

IF MAJORF EQ 4 OR MAJOR13 EQ 4, CODE 99 IN PALF, 999 IN PAOCC AND 99 IN PAED; SKIPTO MALF

PALF

When you were a senior in high school, was your father working for pay full-time or part-time, or something else?

PROBE: Was your father employed full-time, employed part-time, unemployed and looking for work, disabled, a full-time student, a homemaker, or something else?

PROBE: Was he working full time or part time?

1 EMPLOYED FULLTIME

2 EMPLOYED PARTTIME

3 UNEMPLOYED → SKIPTO PAED

4 DISABLED → SKIPTO PAED

5 STUDENT → SKIPTO PAED

6 HOMEMAKER → SKIPTO PAED

7 OTHER → SKIPTO PAED

PAOCC

(When you were a senior in high school,) what was your father's occupation?

PROBE: What did he do or make on his job?

OPEN-ENDED

PAED

What is the highest level of education completed by (him/your father)?

PROBE FROM LIST

1 LESS THAN HIGH SCHOOL DIPLOMA/GED

- 2 HIGH SCHOOL DIPLOMAS/GED
- 3 SOME COLLEGE, NO DEGREE
- 4 BACHELORS DEGREE
- 5 MASTERS DEGREE
- 6 DOCTORATE OR PROFESSIONAL DEGREE

IF MAJORE EQ 4 OR MAJOR12 EQ 4, CODE 99 IN MALF, 999 IN MAOCC, AND 99 IN MAED; SKIPTO PARENTS2

MALF

When you were a senior in high school, was your mother working for pay full-time or part-time, or something else?
PROBE: Was your mother employed full-time, employed part-time, unemployed and looking for work, disabled, a full-time student, a homemaker, or something else?

PROBE: Was she working full time or part time?

- 1 EMPLOYED FULLTIME
- 2 EMPLOYED PARTTIME
- 3 UNEMPLOYED → SKIPTO MAED
- 4 DISABLED → SKIPTO MAED
- 5 STUDENT → SKIPTO MAED
- 6 HOMEMAKER → SKIPTO MAED
- 7 OTHER → SKIPTO MAED

MAOCC

(When you were a senior in high school,) what was your mother's occupation?

PROBE: What (does/did) he do or make on his job?

OPEN-ENDED

MAED

What is the highest level of education completed by (her/your mother)?

PROBE FROM LIST

- 1 LESS THAN HIGH SCHOOL DIPLOMA/GED
- 2 HIGH SCHOOL DIPLOMAS/GED
- 3 SOME COLLEGE, NO DEGREE
- 4 BACHELORS DEGREE
- 5 MASTERS DEGREE
- 6 DOCTORATE OR PROFESSIONAL DEGREE

PARENTS1

Were you living with both of your biological parents under the same roof when you were a senior in high school?

- 1 YES --> SKIPTO FAMINC
- 2 NO

PARENTS2

What were your living arrangements (then/ when you were a senior in high school)?

PROBE: For most of the year, what were you living arrangements then?

OPEN-ENDED

POVERTY

When you were growing up, did your family ever receive food stamps or welfare?

- 1 YES
- 2 NO

ENDING1

We are at the end of the survey now. Is there anything you would like to add (about your major, your plans for the future, or anything else we have talked about) (that might help us understand college students' experiences)?

PROBE: Is there anything else?

OPEN-ENDED

CALLBAK1

The professor we are conducting this research project for, Jerry Jacobs at the University of Pennsylvania, may decide to do follow-up interviews with a random sample of the twelve hundred college seniors we are interviewing now. Would you be willing to be called again in five years or so?

1 YES

2 NO --> SKIPTO ENDING2

CALLBAK2

(Thanks.) Is there a telephone number or address where you can be reached at any time?

IF YES: What is that?

PROBE: Could you give me your first name only, so we know who to ask for?

OPEN-ENDED

ENDING2

That's the end of the survey! Thank you so much for your time and attention.

PRESS ANY KEY

NOQAL

I'm sorry, I can only interview seniors age 18 to 25 who are graduating from college within the next 12 months.

(Thank you for your time.) Good-bye.

INTOBS

INTERVIEWERS: GREAT JOB! YOU'VE COMPLETED ANOTHER ONE!

PLEASE ADD YOUR OBSERVATIONS WHICH ARE *PERTINENT* TO THE STUDY'S GOALS AND WHICH WILL HELP DR. JACOBS UNDERSTAND THE SURVEY RESULTS.

WAS R COOPERATIVE AND HONEST?

INTID

INTERVIEWERS: PLEASE ENTER YOUR INTERVIEWER ID NUMBER.