AMERICAN STATISTICAL ASSOCIATION
CLASS OF 2019-20 BACHELORS FOLLOW-UP SURVEY

Note: This form is located on a secure server. All individual responses are kept confidential. The results will only be reported in aggregate form.

DEGREE INFORMATION:

You received this survey invitation because you were identified by your undergraduate institution as having received a bachelor's degree in statistics, biostatistics, or a related field.

Did you receive a bachelor's degree in statistics, biostatistics, or a related field in the 2019 - 2020 academic year?

- ○ Yes
- ○ No

Continue

Answer the following questions about your status as of March 1, 2021.

(1) As of March 1, 2021, what was your academic enrollment status?

- ○ Full-time in a degree program
- ○ Part-time in a degree program
- ○ Not enrolled in a degree program
- ○ Planning to begin a degree program in the future

(2) As of March 1, 2021, what was your employment status? (Employed includes active military)

- ○ Employed only as a teaching or research assistant while enrolled in graduate school
- ○ Employed full-time (35 hours or more a week)
- ○ Employed part-time
- ○ Full-time internship (35 hours or more a week)
- ○ Part-time internship
- ○ Full-time volunteer
- ○ Not employed
- ○ Other

Continue

DEGREE INFORMATION:

($X) When in the 2019-2020 academic year did you receive your bachelor's degree?

Choose One	○ 2019 ○ 2020
Month	**Year**

($X) Which of the following best describes your undergraduate degree field?

- ○ General Statistics
- ○ Applied Statistics
- ○ Actuarial Science
- ○ Biostatistics
- ○ Business Analytics
- ○ Data Science
- ○ Informatics
- ○ Mathematics
- ○ Mathematics, with a statistics emphasis
- ○ Other:

($X) Did you graduate with a double major?

- ○ No
- ○ Yes Choose One

If your degree does not appear on the list, please describe it here:

($X) Did you graduate with a minor?

- ○ No
- ○ Yes Choose One

($X) Did you take an AP statistics course in high school?

- ○ Yes
- ○ No

($X) Outside of your regular classroom assignments, did you participate in any of the following activities during your time as an undergraduate?

Check all that apply

- [ ] A thesis or capstone project
- [ ] REU (NSF Research Experience for Undergraduates)
- [ ] Other on-campus research (e.g. participate in a faculty research project)
- [ ] Other summer research experience on another campus
- [ ] An off-campus internship or industrial co-op
- [ ] DataFest or Hack-a-thon
- [ ] A conference presentation or attendance
- [ ] Graduate courses
- [ ] An on-campus internship
- [ ] Consulting or freelancing
- [ ] A teaching assistantship
- [ ] Other:

- [ ] None of the above

(a) How do you feel your above experience(s) effected your current situation?

EMPLOYMENT AS OF MARCH 1, 2021

($X) Think back to the time you accepted the position you held as of March 1, 2021. How many job offers did you receive, including the position that you accepted?

Choose One

($X) Please describe your job search experiences, including what helped you locate and secure the position you held as of March 1, 2021.

($X) When did you start the position you held as of March 1, 2021?

Month Year

($X) What was the name of your employer as of March 1, 2021?
If you worked for a contracting or consulting company, report the name of the company, not the client organization.

($X) Which of the following employment sectors best describes your employer as of March 1, 2021?

Educational Institution
- ○ Elementary or middle school
- ○ High school
- ○ Two-year college
- ○ Four-year college or university
- ○ University-affiliated research institute

Private Sector or Industry
- ○ Finance or Banking
- ○ Government contractor
- ○ Insurance
- ○ Pharmaceutical
- ○ Technology

- ○ Other private sector, specify: [ ]

Government

- ○ Government lab
- ○ Federal statistical agency
- ○ Other federal agency
- ○ State or local government
- ○ Active military, *specify rank*: [ ]

Other

- ○ Hospital or medical facility
- ○ Nonprofit organization
- ○ Other, specify: [ ]

($X) What was your job title as of March 1, 2021?

[ ]

($X) Where was the position you held as of March 1, 2021 located?

- ○ Outside of the US
- ○ In the US [Choose One]

($X) What was your annual base salary as of March 1, 2021?

Do not include bonuses, overtime, or additional compensation for summertime teaching or research.

US $ [ ] **.00 / year**

($X) Which category most closely describes how frequently you used the following skills or perform the following activities in your position as of March 1, 2021?

	Rarely or Never	Monthly	Weekly	Daily
Work on a team	○	○	○	○
Teaching	○	○	○	○
Public speaking	○	○	○	○
Work with customers or clients	○	○	○	○
Manage people	○	○	○	○

Manage projects	○	○	○	○
Manage finances or budgets	○	○	○	○
Manage databases	○	○	○	○
Perform quality control	○	○	○	○
Solve technical problems	○	○	○	○
Technical writing	○	○	○	○
Non-technical writing	○	○	○	○

	Rarely or Never	**Monthly**	**Weekly**	**Daily**
Use statistics or advanced math	○	○	○	○
Analyze and interpret data	○	○	○	○
Query databases	○	○	○	○
Use or develop statistical models	○	○	○	○
Design experiments	○	○	○	○
Survey research	○	○	○	○
Programming or systems software	○	○	○	○
Tech support or computer administration	○	○	○	○

($X) Are there any additional technical or nontechnical skills you regularly use in your current position that you would like us to know about?

($X) Which category most closely describes how frequently you used the following tools in your position as of March 1, 2021?

	Rarely or Never	**Monthly**	**Weekly**	**Daily**
Excel	○	○	○	○
Java	○	○	○	○
JMP	○	○	○	○
Minitab	○	○	○	○
Python	○	○	○	○

R	○	○	○	○
SAS	○	○	○	○
SPSS	○	○	○	○
SQL	○	○	○	○
Tableau	○	○	○	○
Other:	○	○	○	○

($X) How influential do you feel your statistics or statistics related major was in securing your current position?

- ○ Very influential
- ○ Somewhat influential
- ○ Not very influential
- ○ Not at all influential

($X) Rate your level of satisfaction with the position you held as of March 1, 2021.

	Very satisfied	Somewhat satisfied	Somewhat dissatisfied	Very dissatisfied
Overall satisfaction	○	○	○	○
Salary and benefits	○	○	○	○
Job security	○	○	○	○
Opportunity for advancement	○	○	○	○
Intellectual challenge	○	○	○	○
Level of responsibility	○	○	○	○

ACADEMIC ENROLLMENT AS OF MARCH 1, 2021.

($X) What broad field were you pursuing at the institution you attended as of March 1, 2021?

- ○ Statistics
- ○ Biostatistics
- ○ Data science
- ○ Other: Choose One

($X) What is the highest degree you intended to receive in the broad field you were pursuing as of March 1, 2021?

- ○ Doctorate
- ○ Master's
- ○ Bachelor's
- ○ MD
- ○ Other professional degree (includes JD, MBA, etc)
- ○ Other:
- ○ Unsure

($X) What degree program were you enrolled in as of March 1, 2021?

- ○ Doctorate
- ○ Master's
- ○ Bachelor's
- ○ MD
- ○ Other professional degree (includes JD, MBA, etc)
- ○ Other:
- ○ Not enrolled in a specific degree program

($X) What was the location of the institution you attended as of March 1, 2021?

- ○ Outside the US
- ○ In the US Choose One

($X) What was your primary type of academic support at the institution you attended as of March 1, 2021?

- ○ Teaching Assistantship
- ○ Research Assistantship
- ○ Fellowship
- ○ Scholarship:
- ○ Family, savings, loan
- ○ Tuition reimbursement from outside employment
- ○ Wages from outside employment
- ○ Military
- ○ Other:

If your primary type of academic support is a teaching or research assistantship, or fellowship:

What was your annual base stipend or salary?

US $ .00 / year

OTHER

($X) You indicated that you were not employed as of March 1, 2021. Were you seeking employment at that time?

- ○ No
- ○ Yes

If yes, how many months had you spent actively seeking employment?

Choose One ▾ months

($X) Where were you residing as of March 1, 2021?

- ○ Outside of the US
- ○ In the US Choose One ▾

($X) What types of experiences, training, or other qualifications do you feel would have helped you secure a position?

OTHER

($X) You indicated you were not enrolled in school and that your employment status was "other". Please describe your circumstances as of March 1, 2021.

($X) Where were you residing as of March 1, 2021?

- ○ Outside of the US
- ○ In the US Choose One

LOOKING BACK

($X) Did your statistics department or faculty provide any career guidance?

- ○ Yes
- ○ No

($X) Did you utilize your on-campus career counseling center?

- ○ Yes
- ○ No

(a) If yes, did you find it useful?

- ○ Yes
- ○ No

(b) Please elaborate:

($X) My degree program prepared me to effectively analyze and interpret data critically using statistical models.

- ○ Strongly disagree
- ○ Disagree
- ○ Neither agree nor disagree
- ○ Agree
- ○ Strongly agree

($X) My degree program prepared me to effectively analyze and interpret data critically using computational methods.

- ○ Strongly disagree
- ○ Disagree
- ○ Neither agree nor disagree
- ○ Agree
- ○ Strongly agree

($X) My degree program prepared me to effectively communicate, both orally and in written form, results of statistical analyses to a variety of audiences.

- ○ Strongly disagree
- ○ Disagree
- ○ Neither agree nor disagree
- ○ Agree
- ○ Strongly agree

($X) From the perspective of your status as of March 1, 2021, what would you do differently concerning your postsecondary education?

DEMOGRAPHICS

($X) What is your gender identity?

- ○ Woman
- ○ Man
- ○ Another identity - *Please specify if you wish:* [ ]

- ○ Prefer not to respond

($X) Date of birth:

Month ▾ **Year** [ ]

($X) What is your citizenship?

- ○ US citizen
- ○ Non-US citizen, H1-B visa
- ○ Non-US citizen, other temporary visa
- ○ Non-US citizen, permanent resident status (Green Card holder)
- ○ Non-US citizen, Optional Practical Training visa (OPT)
- ○ Non-US citizen, other

If you are a not a US citizen, what is your country of citizenship?

Choose One ▾

Do you have any additional comments? Do you have any advice for current statistics students?

[ ]

Check here ☐ if you would like to be notified when the results of this study are posted on the American Statistical Association's website.