

Appendix A: College/University Study Abroad Office Questionnaire

Date (MM/DD/YY) _____

The International Society of Travel Medicine (ISTM) is conducting a survey of college and university undergraduate study abroad offices, their undergraduate students who study abroad, and the student health centers. This survey involves anonymous web-based questionnaire to identify gaps in preparedness, knowledge specific to this group of travelers, and health-related events encountered while abroad. With your help, we hope to improve the pre-travel preparation for students studying abroad and increase student's awareness of specific risks they may encounter while studying abroad.

Participation in this questionnaire is voluntary, and it will only take a moment of your time.

Please note that some of this information will require you to have demographic data on the students (e.g., reason for study abroad, duration of travel, year of schooling, age, sex, race, ethnicity, and location of travel). Please generate any necessary reports prior to starting the questionnaire.

Screening for eligibility:

Is your student study abroad office willing to complete an anonymous web-based questionnaire?

Yes*

No

Don't know

**If yes, the study abroad staff are eligible to continue with the questionnaire.*

Informed Consent:

[INSERT INFORMED CONSENT: APPENDIX E]

If the informed consent is acknowledged electronically, the study abroad office staff will be directed to continue with the web-based questionnaire.

Beginning of the Questionnaire

College/University Study Abroad Office Specifics

All of the following questions are specific to your college or university.

1. **Name of the college/university:** _____
 - a. City: _____
 - b. State: _____
 - c. Country: _____

2. **Is the college/university public or private?**
 - a. Public
 - b. Private
 - c. Other (*Please specify*) _____
 - d. Don't know

3. **Is the college/university co-ed?**
 - a. Yes
 - b. No
 - c. Other (*Please specify*) _____
 - d. Don't know

4. **What is your role in the study abroad office?**
 - a. Director
 - b. Advisor
 - c. Chancellor
 - d. Vice chancellor
 - e. President
 - f. Vice president
 - g. Administrative coordinator
 - h. Program assistant
 - i. Medical professional
 - j. Other (*Please specify*) _____
 - k. I would rather not answer

5. **What is the size of the full-time undergraduate student body?**
 - a. < 1,000 students
 - b. 1,000 to 5,000 students
 - c. 5,001 to 10,000 students
 - d. > 10,000 students
 - e. Don't know
 - f. I would rather not answer

6. **What percent of the undergraduate students at your college/university study abroad at some point before graduation?**

- a. 1% to 5%
- b. 6% to 10%
- c. 11% to 15%
- d. 16% to 20%
- e. 21% to 25%
- f. 26% to 30%
- g. 31% to 35%
- h. 35% to 40%
- i. 41% to 45%
- j. 46% to 50%
- k. > 50%
- l. Don't know
- m. I would rather not answer

7. **For the purposes of this study, we focus some questions on the “previous academic year.” This is defined as the 12 month period between the start of university/college courses through the end of college/university courses in which an entire 12 months of data are available. (i.e., in the United States, from the beginning of the fall semester through the end of the summer courses).**

Please note of the MONTH of the START of the “previous academic year as it applies to your institution. _____

Please note of the YEAR of the START of the “previous academic year as it applies to your institution. _____

Please note of the MONTH of the END of the “previous academic year as it applies to your institution. _____

Please note of the YEAR of the END of the “previous academic year as it applies to your institution. _____

How many undergraduate students participated in your study abroad office programs during the previous academic year? Do NOT include students who studied abroad, but were not tracked through your study abroad office. The "previous academic year" is the 12 month period between the start college/university courses through the end of college/university courses in which an entire 12 months of data is available (i.e., in the United States, from the beginning of fall semester through the end of summer courses).

- a. < 5 students
- b. 5 to 20 students
- c. 21 to 50 students
- d. 51 to 80 students
- e. 81 to 110 students
- f. 111 to 200 students
- g. 201 to 500 students
- h. 501 to 1,000 students

- i. 1,001 to 5,000 students
- j. > 5,000 students
- k. Don't know
- l. I would rather not answer

8. Which of the following purposes of undergraduate student study abroad travel are supported by your college/university? Check all that apply.

- a. Study / academic coursework
- b. Research
- c. Internship
- d. Service
- e. Conferences or presentations
- f. Recruiting
- g. Athletic competitions
- h. Other (*Please specify*) _____
- i. Don't know
- j. I would rather not answer

9. What was the *shortest* study abroad duration for undergraduate students who participated in your study abroad office programs during the previous academic year? Do NOT include students who studied abroad, but were not tracked through your study abroad office. The "previous academic year" is the 12 month period between the start college/university courses through the end of college/university courses in which an entire 12 months of data is available (*i.e.*, in the United States, from the beginning of fall semester through the end of summer courses).

The study abroad duration is the total time spent fulfilling the purpose of study abroad travel in-country.

- a. 1 week or less
- b. 1 to 2 weeks
- c. 2 to 4 weeks
- d. 4 to 6 weeks
- e. 6 to 8 weeks
- f. 8 to 10 weeks
- g. 10 to 12 weeks
- h. > 12 weeks
- i. Don't know
- j. I would rather not answer

10. What was the *longest* study abroad duration for undergraduate students who participated in your study abroad office programs during the previous academic year? Do NOT include students who studied abroad, but were not tracked through your study abroad office. The "previous academic year" is the 12 month period between the start college/university courses through the end of college/university courses in which an entire 12 months of data is available (*i.e.*, in the United States, from the beginning of fall semester through the end of summer courses).

The study abroad duration is the total time spent fulfilling the purpose of study abroad travel in-country.

- a. < 1 month

- b. 1 to 3 months
- c. 3 to 6 months
- d. 6 to 9 months
- e. 9 to 12 months
- f. > 1 year
- g. Don't know
- h. I would rather not answer

11. What was the *most common* study abroad duration for undergraduate students who participated in your study abroad office programs during the previous academic year? Do NOT include students who studied abroad, but were not tracked through your study abroad office. The "previous academic year" is the 12 month period between the start college/university courses through the end of college/university courses in which an entire 12 months of data is available (*i.e.*, in the United States, from the beginning of fall semester through the end of summer courses).

The study abroad duration is the total time spent fulfilling the purpose of study abroad travel in-country.

- a. 1 to 4 weeks
- b. 4 to 8 weeks (*i.e.*, summer or winter session)
- c. 8 weeks to 12 weeks (*i.e.*, quarter session)
- d. 12 weeks to 24 weeks (*i.e.*, semester session)
- e. 24 weeks to 32 weeks (*i.e.*, extended semester or two quarter sessions)
- f. > 32 weeks (*i.e.*, academic or calendar year)
- g. Don't know
- h. I would rather not answer

12. What year of schooling was the most common for undergraduate students who participated in your study abroad office programs during the previous academic year? Do NOT include students who studied abroad, but were not tracked through your study abroad office. The "previous academic year" is the 12 month period between the start college/university courses through the end of college/university courses in which an entire 12 months of data is available (*i.e.*, in the United States, from the beginning of fall semester through the end of summer courses).

- a. Freshman (year one)
- b. Sophomore (year two)
- c. Junior (year three)
- d. Senior (year four)
- e. Gap year (study abroad between high school and college)
- f. Other (*Please specify*) _____
- g. Don't know
- h. I would rather not answer

13. What was the average age of undergraduate students who participated in your study abroad office programs that studied abroad during the previous academic year? Do NOT include students who studied abroad, but were not tracked through your study abroad office. The "previous academic year" is the 12 month period between the start college/university courses through the end of college/university courses in which an entire 12 months of data is available (*i.e.*, in the United States, from the beginning of fall semester through the end of summer courses).

- a. < 18 years
- b. 18 years
- c. 19 years
- d. 20 years
- e. 21 years
- f. 22 years
- g. 23 years
- h. 24 years
- i. > 24 years
- j. Don't know
- k. I would rather not answer

14. What percent of undergraduate students who participated in your study abroad office programs during the previous academic year identified as female? Do NOT include students who studied abroad, but were not tracked through your study abroad office. The "previous academic year" is the 12 month period between the start college/university courses through the end of college/university courses in which an entire 12 months of data is available (*i.e.*, in the United States, from the beginning of fall semester through the end of summer courses).

- a. < 20%
- b. 20 to 25%
- c. 26 to 30%
- d. 31 to 35%
- e. 36 to 40%
- f. 41 to 45%
- g. 46 to 50%
- h. 51 to 55%
- i. 56 to 60%
- j. 61 to 65%
- k. 66 to 70%
- l. 71 to 75%
- m. 76 to 80%
- n. > 80%
- o. Don't know
- p. I would rather not answer

15. What was the most common race of undergraduate students who participated in your study abroad office programs during the previous academic year? Do NOT include students who studied abroad, but were not tracked through your study abroad office. The "previous academic year" is the 12 month period between the start college/university courses through the end of college/university courses in which an entire 12 months of data is available (*i.e.*, in the United States, from the beginning of fall semester through the end of summer courses).

- a. White
- b. Black or African American
- c. Native American or American Indian
- d. Asian / Pacific Islander
- e. Other (*Please specify*) _____

- f. Don't know
- g. I would rather not answer

16. What was the most common ethnicity of undergraduate students who participated in your study abroad office programs during the previous academic year? Do NOT include students who studied abroad, but were not tracked through your study abroad office. The "previous academic year" is the 12 month period between the start college/university courses through the end of college/university courses in which an entire 12 months of data is available (i.e., in the United States, from the beginning of fall semester through the end of summer courses).

- a. Hispanic
- b. Non-Hispanic
- c. Don't know
- d. I would rather not answer

17. What were the most common (and second and third most common) geographic regions that undergraduate students who participated in your study abroad office programs studied in during the previous academic year? Do NOT include students who studied abroad, but were not tracked through your study abroad office. The "previous academic year" is the 12 month period between the start college/university courses through the end of college/university courses in which an entire 12 months of data is available (i.e., in the United States, from the beginning of fall semester through the end of summer courses). Select one from each column. The following question will ask specific questions about the most common cities and countries.

Most Common	Second Most Common	Third Most Common
a. North Africa	a. North Africa	a. North Africa
b. Sub-Saharan Africa	b. Sub-Saharan Africa	b. Sub-Saharan Africa
c. South Asia*	c. South Asia*	c. South Asia*
d. East Asia*	d. East Asia*	d. East Asia*
e. Southeast Asia*	e. Southeast Asia*	e. Southeast Asia*
f. Central Asia*	f. Central Asia*	f. Central Asia*
g. Middle East	g. Middle East	g. Middle East
h. Australia and New Zealand	h. Australia and New Zealand	h. Australia and New Zealand
i. Pacific Islands	i. Pacific Islands	i. Pacific Islands
j. Western Europe	j. Western Europe	j. Western Europe
k. Eastern Europe	k. Eastern Europe	k. Eastern Europe
l. Central America	l. Central America	l. Central America
m. South America	m. South America	m. South America
n. Caribbean	n. Caribbean	n. Caribbean
o. North America	o. North America	o. North America
p. Don't know	p. Don't know	p. Don't know
q. I would rather not answer	q. I would rather not answer	q. I would rather not answer

*South Asia: Afghanistan, Bangladesh, Bhutan, Maldives, Nepal, India, Pakistan, Sri Lanka
 East Asia: China, Hong Kong, Japan, Macau, Mongolia, North Korea, South Korea, Taiwan

Southeast Asia: [Brunei](#), [Cambodia](#), [Indonesia](#), [Laos](#), [Malaysia](#), [Myanmar](#) (Burma), [The Philippines](#), [Singapore](#), [Thailand](#), [Timor-Leste](#), [Vietnam](#)
 Central Asia: [Kazakhstan](#), [Uzbekistan](#), [Tajikistan](#), [Turkmenistan](#), [Kyrgyzstan](#)

18. What were the top five most popular locations (city and country) among undergraduate students who participated in your study abroad office programs during the previous academic year? Do NOT include students who studied abroad, but were not tracked through your study abroad office. The "previous academic year" is the 12 month period between the start college/university courses through the end of college/university courses in which an entire 12 months of data is available (*i.e.*, in the United States, from the beginning of fall semester through the end of summer courses).

CITY	COUNTRY	NUMBER OF STUDENTS FROM THE PREVIOUS ACADEMIC YEAR
1.	1.	
2.	2.	
3.	3.	
4.	4.	
5.	5.	

- a. Don't know
- b. I would rather not answer

University Study Abroad Office Practices

The following questions are regarding CURRENT practices in your study abroad office.

19. How many full time staff are employed directly with the study abroad office at your college/university?

- a. 1 to 2
- b. 3 to 4
- c. 5 or more
- d. Don't know
- e. I would rather not answer

20. How many part time staff (including work-study students) are employed directly with the study abroad office at your college/university?

- a. 1 to 2
- b. 3 to 4
- c. 5 or more
- d. Don't know
- e. I would rather not answer

21. How many study abroad staff members at your college/university focus on health-related study abroad issues?

- a. None
- b. 1 to 2

- c. 3 to 4
- d. 5 or more
- e. Don't know
- f. I would rather not answer

22. Are all study abroad programs or destinations organized through your college/university study abroad office, or are some programs or destinations delivered through partnerships with private agencies or other colleges/universities? Check all that apply.

- a. All programs or destinations are delivered through our college/university only
- b. Some programs or destinations are delivered through partnerships with private agencies
- c. Some programs or destinations are delivered through partnerships with other colleges/universities
- d. Other (*Please specify*) _____
- e. Don't know
- f. I would rather not answer

23. Does your college/university study abroad office have written policies regarding pre-travel healthcare visits for undergraduate students who are preparing to study abroad?

- a. Yes
- b. No
- c. Don't know
- d. I would rather not answer

24. Does your college/university study abroad office suggest, recommend, or mandate that undergraduate students see a healthcare provider before traveling to study abroad?

- a. Yes
- b. Sometimes (*Please describe*) _____
- c. No (*Please skip to question 31*)
- d. Don't know (*Please skip to question 31*)
- e. I would rather not answer

25. Does this suggestion, recommendation, or mandate vary depending on the amount of health risks at the study abroad destination or on the student's pre-travel medical conditions?

- a. Yes, it depends on the study abroad destination only; only students traveling to "high risk" destinations should see a healthcare provider
- b. Yes, it depends on the study abroad destination and the student's pre-travel medical conditions;
- c. Yes, it depends on the student's pre-travel medical conditions only
- d. No, it does not depend on either of these factors; all students should see a healthcare provider
- e. No, it depends on other factors (*Please specify*) _____
- f. Don't know
- g. I would rather not answer

26. Does your college/university study abroad office recommend an optimal time pre-travel for the undergraduate student to see a healthcare provider?

- a. Yes
- b. No (*Please skip to question 28*)
- c. Don't know (*Please skip to question 28*)
- d. I would rather not answer (*Please skip to question 28*)

27. What is the recommended timeframe for seeking pre-travel healthcare?

- a. < 1 week before travel
- b. 1 to 2 weeks before travel
- c. 2 to 4 weeks before travel
- d. 4 to 6 weeks before travel
- e. 6 to 8 weeks before travel
- f. > 8 weeks before travel
- g. Don't know
- h. I would rather not answer

28. Does your college/university study abroad office make it mandatory for undergraduate students to attend a visit with a healthcare provider before traveling to study abroad?

- a. Yes
- b. Sometimes (*Please describe*) _____
- c. No, it is only recommended or suggested (*Please skip to question 30*)
- d. Don't know (*Please skip to question 30*)
- e. I would rather not answer (*Please skip to question 30*)

29. Where are the students sent for this visit? Check all that apply.

- a. Student health center at the college/university (*Please skip to question 32*)
- b. Travel medicine specialist (*Please skip to question 32*)
- c. Primary care provider (*Please skip to question 32*)
- d. Health department (*Please skip to question 32*)
- e. Other (*Please specify*) _____ (*Please skip to question 32*)
- f. Don't know (*Please skip to question 32*)
- g. I would rather not answer (*Please skip to question 32*)

30. Does the college/university study abroad office have a specific medical care location (e.g., student health center, medical office, health department, etc.) it recommends that undergraduate students attend a visit with a healthcare provider before traveling to study abroad?

- a. Yes
- b. No (*Please skip to question 32*)
- c. Don't know (*Please skip to question 32*)
- d. I would rather not answer (*Please skip to question 32*)

31. Where are the students told to go for this visit? Check all that apply.

- a. Student health center at the college/university
- b. Travel medicine specialist

- c. Primary care provider
- d. Health department
- e. Other (*Please specify*) _____
- f. Don't know
- g. I would rather not answer

32. To the best of your knowledge, what percent of undergraduate students preparing to study abroad from your college/university attend a visit with a healthcare provider before traveling to study abroad?

- a. None
- b. < 25%
- c. 26% to 50%
- d. 51% to 75%
- e. > 75%
- f. 100%
- g. Don't know
- h. I would rather not answer

33. Does your college/university have a student health center?

- a. Yes
- b. No (*Please skip to question 35*)
- c. Don't know (*Please skip to question 35*)
- d. I would rather not answer (*Please skip to question 35*)

34. To the best of your knowledge, do undergraduate students receive pre-travel care at the student health center?

- a. Yes
- b. No
- c. Don't know
- d. I would rather not answer

35. Are students asked to disclose health information (including physical health, mental health and disability concerns, etc.) to the study abroad office (or program) during the application process?

- a. Yes
- b. No (*Please skip to question 37*)
- c. Don't know (*Please skip to question 37*)
- d. I would rather not answer (*Please skip to question 37*)

36. How does the study abroad office (or program) use this health information? *Check all that apply.*

- a. Advise/require the student to follow up with their primary care provider
- b. Advise/require the student to follow up with a travel medicine specialist
- c. Advise/require the student to follow up with the student health center
- d. Advise/require the student follow up with a mental health professional
- e. Review the health information with the student health center
- f. Review the health information with a medical/mental health professional

- g. Have student sign form acknowledging risk
- h. Other (*Please specify*) _____
- i. None of the above
- j. Don't know
- k. I would rather not answer

37. Does your college/university study abroad office have written policies in place regarding medical travel insurance for undergraduate students who are preparing to study abroad?

- a. Yes
- b. No
- c. Don't know
- d. I would rather not answer

38. Does your college/university study abroad office suggest, recommend, or mandate that undergraduate students obtain medical travel insurance before traveling to study abroad?

- a. Yes, it is suggested or recommended (*Please skip to question 40*)
- b. Yes, it is mandated or required
- c. No (*Please skip to question 44*)
- d. Don't know (*Please skip to question 44*)
- e. I would rather not answer (*Please skip to question 44*)

39. If required or mandated, from what sources do students obtain medical travel insurance? Check all that apply.

- a. The college/university supplies it, free of charge to the student (*Please skip to question 42*)
- b. The college/university supplies it, but the student must pay for the coverage (*Please skip to question 42*)
- c. The students obtain supplemental insurance directly from the insurance company (*Please skip to question 43*)
- d. Students must change their existing policy to include international coverage (*Please skip to question 43*)
- e. Other (*Please specify*) _____ (*Please skip to question 44*)
- f. Don't know (*Please skip to question 44*)
- g. I would rather not answer (*Please skip to question 44*)

40. If medical travel insurance is recommended or suggested, are students directed to where to obtain it and what it should cover?

- a. Yes
- b. No (*Please skip to question 43*)
- c. Don't know (*Please skip to question 43*)
- d. I would rather not answer (*Please skip to question 43*)

41. If recommended or suggested, where are the students told to obtain medical travel insurance from? Check all that apply.

- a. The college/university supplies it, free of charge to the student
- b. The college/university supplies it, but the student must pay for the coverage

- c. The students obtain supplemental insurance directly from the insurance company (*Please skip to question 43*)
- d. Students must change their existing policy to include international coverage (*Please skip to question 43*)
- e. Other (*Please specify*) _____ (*Please skip to question 44*)
- f. Don't know (*Please skip to question 44*)
- g. I would rather not answer (*Please skip to question 44*)

42. Does the travel insurance that your college/university provides to undergraduate students studying abroad cover the following:

General accident and illness coverage?

- a. Yes
- b. No
- c. Don't know
- d. I would rather not answer

24-hour emergency assistance?

- a. Yes
- b. No
- c. Don't know
- d. I would rather not answer

Medical evacuation?

- a. Yes
- b. No
- c. Don't know
- d. I would rather not answer

Repatriation (*return of remains; pertains if death is experienced while abroad*)?

- a. Yes
- b. No
- c. Don't know
- d. I would rather not answer

43. If students preparing to study abroad obtain medical coverage outside of the college/university, which of the following (if any) is the travel insurance policy suggested to cover:

General accident and illness coverage?

- a. Yes
- b. No
- c. There is no guidance in our policy
- d. Don't know
- e. I would rather not answer

24-hour emergency assistance?

- a. Yes
- b. No
- c. There is no guidance in our policy
- d. Don't know
- e. I would rather not answer

Medical Evacuation?

- a. Yes
- b. No
- c. There is no guidance in our policy
- d. Don't know
- e. I would rather not answer

Repatriation (*of remains; pertains if death is experienced while abroad*)?

- a. Yes
- b. No
- c. There is no guidance in our policy
- d. Don't know
- e. I would rather not answer

44. If your college/university is in the United States, does your college/university study abroad office mandate or encourage your undergraduate students to register with the State Department's Smart Traveler Enrollment Program (STEP)?

- a. Yes, it is mandated
- b. Yes, it is encouraged but not mandated
- c. No
- d. Don't know
- e. I would rather not answer
- f. Not applicable, my college/university is outside of the United States

45. Does your college/university study abroad office provide undergraduate students studying abroad with emergency contact information for personnel at the college/university in the event of an incident while abroad?

- a. Yes
- b. No
- c. Don't know
- d. I would rather not answer

46. Does your college or university mandate or recommend that students attend a college/university pre-travel education or training session prior to studying abroad? This can be led by an instructor in a classroom, as a webinar, a teleconference, etc.

- a. Yes, it is mandated or required
- b. Yes, it is encouraged but not mandated
- c. No
- d. Don't know
- e. I would rather not answer

47. Does your college/university study abroad office direct undergraduate students who are preparing to study abroad to any of the following health-related information? *Check all that apply.*

- a. National Association of International Educators (NAFSA)
- b. Centers for Disease Control and Prevention Travelers' (CDC) webpage or CDC Travelers' Health webpage

- c. Safety Abroad First-Educational Travel Information (SAFTI) Clearinghouse
- d. Global Scholar
- e. State Department
- f. Center for Disease Control and Prevention’s Yellow Book, Health Information on International Travel
- g. College/university student health website
- h. College/university student health printed materials
- i. World Health Organization
- j. Institut Pasteur
- k. Other (*Please specify*) _____
- l. None of the above
- m. Don’t know
- n. I would rather not answer

48. Do student study abroad program staff from your college/university accompany student groups studying abroad?

- a. Yes, always
- b. Yes, sometimes (*Please describe the circumstances in which staff would accompany the students*) _____
- c. No
- d. Don’t know
- e. I would rather not answer

49. Does a health professional from your college/university accompany student groups studying abroad?

- a. Yes, always
- b. Yes, sometimes (*Please describe the circumstances in which staff would accompany the students*) _____
- c. No
- d. Don’t know
- e. I would rather not answer

50. Please provide any additional comments or information regarding any of the above questions here:

[This survey is now completed.](#)
Thank you very much for your time.

Appendix B: College/University Student Health Center Questionnaire

Date (MM/DD/YY) _____

The International Society of Travel Medicine (ISTM) is conducting a survey of college and university undergraduate study abroad offices, their undergraduate students who study abroad, and the student health centers. This survey involves an anonymous web-based questionnaire to identify gaps in preparedness, knowledge specific to this group of travelers, and health-related events encountered while abroad. With your help, we hope to improve the pre-travel preparation for students studying abroad and increase student's awareness of specific risks they may encounter while studying abroad.

Participation in this questionnaire is voluntary, and it will only take a moment of your time.

Please note that some of this information will require you to have demographic data on the students that you see in the health center (e.g., year of schooling, age, sex, race, ethnicity, and location of travel). Please generate any necessary reports prior to starting the questionnaire.

Informed Consent:

[INSERT INFORMED CONSENT: APPENDIX E]

If the informed consent is acknowledged electronically, the student health center staff will be directed to continue with the web-based questionnaire.

Beginning of the Questionnaire:

College/University Student Health Center Program Specifics

All of the following questions are specific to your college/university's student health center.

1. Name of the college/university:

- _____
- City: _____
 - State: _____
 - Country: _____

2. What is your role in the student health center?

- Physician (MD, DO, MBBS, MBChB, MB)

- b. Nurse (RN)
 - c. Nurse Practitioner
 - d. Physician's Assistant
 - e. Medical Assistant
 - f. Pharmacist
 - g. Front office staff
 - h. Other office staff
 - i. Other (*Please specify*) _____
 - j. Don't know
 - k. I would rather not answer
- 3. Do you as an individual have specialized health training to provide pre-travel or post-travel health services to students studying abroad?**
- a. Yes
 - b. No
 - c. Don't know
 - d. I would rather not answer
- 4. Does your student health center offer pre-travel counseling services (*i.e.*, supply general travel advice, prescribe medicine for malaria or travelers' diarrhea, and/or provide travel vaccinations) for college/university undergraduate students preparing to study abroad?**
- a. Yes (*Please skip to question 6*)
 - b. No
 - c. Don't know (*Please skip to question 6*)
- 5. To the best of your knowledge, what are the reasons your college/university health center does not offer pre-travel consulting services (*i.e.*, supply general travel advice, prescribe chemoprophylaxis for malaria or travelers' diarrhea, and/or provide travel vaccinations)? *Check all that apply.***
- a. The college/university does not have students who study abroad
 - b. The health center does not have the staff available to offer this service
 - c. The health center does not have the expertise to offer this service
 - d. Students are referred off campus for those services
 - e. Other (*Please specify*) _____
 - f. None of the above
 - g. Don't know
 - h. I would rather not answer
- 6. To the best of your knowledge, where do undergraduate students at your college/university obtain health-related information before leaving to study abroad? *Check all that apply.***
- a. Consultation with a health professional
 - b. Participating in college/university pre-travel education or training
 - c. Online resources
 - d. Books
 - e. Peers

- f. Study abroad office staff
- g. Private agency study abroad staff
- h. Other (*Please specify*) _____
- i. None of the above
- j. Don't know
- k. I would rather not answer

→ *This is the end of the questionnaire for those who select "No" to question 4.*

Study Abroad Students at the College/University Student Health Center

7. For the purposes of this study, we focus some questions on the "previous academic year." This is defined as the 12 month period between the start of university/college courses through the end of college/university courses in which an entire 12 months of data are available. (*i.e.*, in the United States, from the beginning of the fall semester through the end of the summer courses).

Please note of the MONTH of the START of the "previous academic year as it applies to your institution. _____

Please note of the YEAR of the START of the "previous academic year as it applies to your institution. _____

Please note of the MONTH of the END of the "previous academic year as it applies to your institution. _____

Please note of the YEAR of the END of the "previous academic year as it applies to your institution. _____

How many undergraduate students who are preparing to study abroad did the student health center provide pre-travel care and/or travel counseling to during the previous academic year?

- a. < 10 students
 - b. 10 to 50 students
 - c. 51 to 100 students
 - d. 101 to 500 students
 - e. 501 to 1,000 students
 - f. > 1,000 students
 - g. Don't know
 - h. I would rather not answer
8. What year of schooling is the most common among undergraduate students preparing to study abroad who sought a pre-travel consultation from the student health center?
- a. Freshman (year one)
 - b. Sophomore (year two)
 - c. Junior (year three)

- d. Senior (year four)
 - e. Gap year (study abroad between high school and college)
 - f. Other (*Please specify*) _____
 - g. Don't know
 - h. I would rather not answer
- 9. What was the average age of undergraduate students preparing to study abroad that sought a pre-travel consultation from the student health center during the previous academic year?**
- a. < 18 years
 - b. 18 years
 - c. 19 years
 - d. 20 years
 - e. 21 years
 - f. 22 years
 - g. 23 years
 - h. 24 years
 - i. > 24 years
 - j. Don't know
 - k. I would rather not answer
- 10. What percent of undergraduate students preparing to study abroad that sought a pre-travel consultation from the student health center during the previous academic year identified as female?**
- a. < 20%
 - b. 20 to 25%
 - c. 26 to 30%
 - d. 31 to 35%
 - e. 36 to 40%
 - f. 41 to 45%
 - g. 46 to 50%
 - h. 51 to 55%
 - i. 56 to 60%
 - j. 61 to 65%
 - k. 66 to 70%
 - l. 71 to 75%
 - m. 76 to 80%
 - n. > 80%
 - o. Don't know
 - p. I would rather not answer
- 11. What was the most common race of undergraduate students preparing to study abroad who sought a pre-travel consultation from the student health center during the previous academic year?**
- a. White
 - b. Black or African American
 - c. Native American or American Indian

- d. Asian / Pacific Islander
- e. Other (*Please specify*) _____
- f. Don't know
- g. I would rather not answer

12. What was the most common ethnicity of undergraduate students preparing to study abroad who sought a pre-travel consultation from the student health center during the previous academic year?

- a. Hispanic
- b. Non-Hispanic
- c. Don't know
- d. I would rather not answer

13. What was the most common geographic region of undergraduate students preparing to study abroad who sought a pre-travel consultation from the student health center during the previous academic year?

- a. North Africa
- b. Sub-Saharan Africa
- c. South Asia*
- d. East Asia*
- e. Southeast Asia*
- f. Central Asia*
- g. Middle East
- h. Australia and New Zealand
- i. Pacific Islands
- j. Western Europe
- k. Eastern Europe
- l. North America (includes Mexico)
- m. Central America
- n. South America
- o. Caribbean
- p. Don't know
- q. I would rather not answer

*South Asia: Afghanistan, Bangladesh, Bhutan, Maldives, Nepal, India, Pakistan, Sri Lanka; East Asia: China, Hong Kong, Japan, Macau, Mongolia, North Korea, South Korea, Taiwan; Southeast Asia: [Brunei](#), [Cambodia](#), [Indonesia](#), [Laos](#), [Malaysia](#), [Myanmar](#) (Burma), [The Philippines](#), [Singapore](#), [Thailand](#), [Timor-Leste](#), [Vietnam](#); Central Asia: [Kazakhstan](#), [Uzbekistan](#), [Tajikistan](#), [Turkmenistan](#), [Kyrgyzstan](#)

14. What were the top three most popular locations (country) of undergraduate students preparing to study abroad who sought a pre-travel consultation from the student health center during the previous academic year?

- a. Data available, see below
- b. Data not available (*Please skip to question 15*)
- c. Don't know (*Please skip to question 15*)

COUNTRY	NUMBER OF STUDENTS FROM THE PREVIOUS ACADEMIC YEAR
---------	--

1.	
2.	
3.	

College/University Student Health Center Practices: Pre-travel

15. Does the student health center provide general travel-related advice (both infectious and non-infectious) to undergraduate students preparing to study abroad?

- a. Yes
- b. No (*Please skip to question 19*)
- c. Don't know
- d. I would rather not answer

16. Do you personally provide any health counseling to undergraduate students preparing to study abroad?

- a. Yes
- b. No (*Please skip to question 18*)
- c. Don't know (*Please skip to question 18*)
- d. I would rather not answer (*Please skip to question 18*)

17. When you provide a pre-travel consultation, which of the following topics do you routinely cover? *Check all that apply.*

- a. Immunizations
- b. Chemoprophylaxis for malaria
- c. How to prevent other vector-borne diseases (*e.g.*, Zika, dengue, etc.)
- d. Travelers' diarrhea
- e. Rabies exposure instructions
- f. Altitude illness
- g. Environmental hazards (including, but not limited to illness associated with extreme heat or cold, weather-related incidents, or air pollution)
- h. Personal safety (including, but not limited to, avoiding pedestrian accidents, animal avoidance, extreme sports, gender-related safety concerns, etc.)
- i. Country-specific concerns (*e.g.*, political unrest, etc.)
- j. Sexual health
- k. Mental health
- l. Other (*Please specify*) _____
- m. None of the above
- n. Don't know
- o. I would rather not answer

18. Which resources are used at the student health center to guide recommendations to undergraduate students preparing to study abroad? *Check all that apply.*

- a. Center for Disease Control and Prevention's Yellow Book, Health Information on International Travel
- b. Centers for Disease Control and Prevention's (CDC) Travelers' Health webpage

- c. State Department webpage
- d. TRAVEX
- e. TROPI-MED
- f. International Society of Travel Medicine (ISTM)
- g. International Association for Medical Assistance for Travelers (IAMAT)
- h. American Travel Nurses Association (ATHNA)
- i. Passport Health webpage
- j. Your state/local public health department
- k. Up to Date
- l. World Health Organization
- m. Institut Pasteur
- n. Other (*Please specify*) _____
- o. None of the above
- p. Don't know
- q. I would rather not answer

19. In general, if undergraduate students who are preparing to study abroad have additional questions on health-related aspects of their upcoming travel, where does your college/university direct them? *Check all that apply.*

- a. National Association of International Educators (NAFSA)
- b. Centers for Disease Control and Prevention Travelers' Health webpage
- c. Safety Abroad First-Educational Travel Information (SAFTI) Clearinghouse
- d. Global Scholar
- e. State Department website
- f. Center for Disease Control and Prevention's Yellow Book, Health Information on International Travel
- g. College/university student health website
- h. World Health Organization
- i. Institut Pasteur
- j. Other (*Please specify*) _____
- k. None of the above
- l. Don't know
- m. I would rather not answer

20. If your college/university is in the United States, do you mandate or encourage your undergraduate students to register with the State Department's Smart Traveler Enrollment Program (STEP)?

- a. Yes, it is mandated
- b. Yes, it is encouraged but not mandated
- c. No
- d. Don't know
- e. I would rather not answer
- f. Not applicable, my college/university is outside of the United States

21. Does the student health center have the ability to provide vaccinations to undergraduate students preparing to study abroad?

- a. Yes
- b. No
- c. Don't know
- d. I would rather not answer

22. Does your student health center keep vaccines in stock?

- a. Yes
- b. No
- c. Don't know
- d. I would rather not answer

Vaccine	Available in the Student Health Center (Yes/No/Don't Know)
Cholera	Y N DK
Hepatitis A	Y N DK
Hepatitis B	Y N DK
Herpes zoster	Y N DK
Influenza	Y N DK
Japanese encephalitis	Y N DK
Measles, Mumps, Rubella (MMR)	Y N DK
Meningococcal (either polysaccharide or conjugate)	Y N DK
Pneumococcal	Y N DK
Polio	Y N DK
Rabies	Y N DK
Tetanus, diphtheria, and/or pertussis (Td, DT, DTaP, Tdap)	Y N DK

Tick-borne encephalitis	Y	N	DK
Typhoid (V1 capsular)	Y	N	DK
Typhoid (oral live attenuated)	Y	N	DK
Varicella	Y	N	DK
Yellow fever	Y	N	DK

23. In the event that a certain travel vaccine may not be available, where are undergraduate students preparing to study abroad referred in order to obtain the vaccine? Check all that apply.

- a. A travel clinic
- b. Their primary care provider
- c. Emergency department
- d. Urgent care
- e. State/local health department
- f. Other (*Please specify*) _____
- g. None of the above
- h. Don't know
- i. I would rather not answer

24. Does your student health center prescribe travel-related medications (*i.e.*, malaria chemoprophylaxis, acetazolamide for altitude sickness, or antibiotics to prevent travelers' diarrhea, etc.) to undergraduate students preparing to study abroad?

- a. Yes
- b. No (*Please skip to question 26*)
- c. Don't know
- d. I would rather not answer

25. To the best of your knowledge, where do undergraduate students fill prescriptions for travel-related medications? Check all that apply.

- a. At a college/university-affiliated pharmacy on campus
- b. At a non-college/university affiliated pharmacy on campus (*i.e.*, a CVS located on campus grounds)
- c. At a non-college/university affiliated pharmacy off campus
- d. Mail-order
- e. Other (*Please specify*) _____
- f. None of the above
- g. Don't know
- h. I would rather not answer

College/University Student Health Center Practices: Post-travel

26. Does your health center provide post-travel healthcare services to students returning from their study abroad program?

- a. Yes
- b. No (*End of questionnaire*)
- c. Don't know (*End of questionnaire*)
- d. I would rather not answer (*End of questionnaire*)

27. How many undergraduate students were seen in the previous academic year with a travel-related health issue (infectious or non-infectious) after returning from their study abroad experience?

- a. None
- b. 1 to 20 students
- c. 21 to 50 students
- d. 51 to 75 students
- e. 76 to 100 students
- f. > 100 students
- g. Don't know
- h. I would rather not answer

28. What were the top 3 diagnoses among undergraduate students seen in the previous academic year with a travel-related health issue (infectious or non-infectious) after returning from their study abroad experience at the student health center?

Diagnosis	NUMBER OF STUDENTS FROM THE PREVIOUS ACADEMIC YEAR
1.	1.
2.	2.
3.	3.

29. Please provide any additional comments or information regarding any of the above questions here:

This survey is now completed.

Thank you very much for your time.

Appendix C: Student Study Abroad Health-related Events Questionnaire

Date (MM/DD/YY) _____

The International Society of Travel Medicine (ISTM) is conducting a survey of the University of Pittsburgh undergraduate students returning from study abroad. The purpose of this survey is to identify gaps in preparedness and knowledge, and identify health-related events encountered while abroad. For that reason, we will be surveying college students recently returned from University of Pittsburgh travel abroad programs and ask them to complete a brief (less than 30 minutes) questionnaire. With your help, we hope to improve the pre-travel preparation for students studying abroad and increase student's awareness of specific risks they may encounter while studying abroad.

If you are willing to participate, the questionnaire will ask about background (*e.g.*, age, race, gender), as well as health-related events encountered during your most recent study abroad experience. There is no direct benefit to participation. This is an anonymous questionnaire, and your responses will not be identifiable in any way. All answers are **confidential** and **anonymous** and your responses will be kept in a password protected database. Your participation is voluntary and you may withdraw from the project at any time prior to submitting the survey.

There is a minimal risk of breach of confidentiality. All data collected will be kept secure; only the study researchers will have access to the records. The university will not have access to individual questionnaire responses and study researchers will not have access to student email address, thus no data can be linked to an individual participant.

Please note that some questions may be sensitive in nature. You may choose not to respond to a question for personal reasons by choosing "I would rather not answer."

Each participant will receive a \$5 gift card once the survey is completed in its entirety. This study is being conducted by Sarah Kohl, MD, who can be reached at (404) 373-8282, if you have any questions.

Participation in this questionnaire is voluntary, and it will take about 30 minutes to complete.

Screening for eligibility:

1. **Are you an undergraduate student currently enrolled in a college or university education or degree program?**

Yes*

No

Don't know

2. Did you complete a study abroad program at your college/university?

<input type="checkbox"/> Yes*	<input type="checkbox"/> No	<input type="checkbox"/> Don't know
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3. Are you at least 18 years of age?

<input type="checkbox"/> Yes*	<input type="checkbox"/> No	<input type="checkbox"/> Don't know
-------------------------------	-----------------------------	-------------------------------------

4. Are you willing to complete an anonymous web-based questionnaire about health-related events from your time abroad?

<input type="checkbox"/> Yes*	<input type="checkbox"/> No	<input type="checkbox"/> Don't know
-------------------------------	-----------------------------	-------------------------------------

**If yes to ALL of the 4 screening questions, the student is eligible to continue with the questionnaire.*

Informed Consent:

[INSERT INFORMED CONSENT: APPENDIX E]

If the informed consent is acknowledged electronically, the student will be directed to continue with the web-based questionnaire.

Beginning of the Questionnaire:

None of the following responses are shared in any way with the college or university, nor will the results be identifiable upon dissemination of findings to your particular college or university. Please note that some questions may be sensitive in nature, but you have the option to choose "I would rather not answer" if you do not want to respond for personal reasons.

ALL DATA IS FOR YOUR MOST RECENT STUDY ABROAD EXPERIENCE ONLY.

Study Abroad Demographics

University name			
City		State	

Country	
----------------	--

1. **How old were you when you *began* your most recent study abroad experience?**
 - a. < 18 years old
 - b. 18 to 19 years old
 - c. 20 to 21 years old
 - d. 22 to 23 years old
 - e. > 23 years old
 - f. Don't know
 - g. I would rather not answer

2. **What is your current gender identity?**
 - a. Man
 - b. Woman
 - c. Both/neither/fluid
 - d. Not listed (*Please specify*) _____
 - e. Don't know
 - f. I would rather not answer

3. **Do you identify as transgender?**
 - a. Yes
 - b. No
 - c. Don't know
 - d. I would rather not answer

4. **What is your race?**
 - a. White
 - b. Black or African American
 - c. Native American or American Indian
 - d. Asian
 - e. Native Hawaiian or other Pacific Islander
 - f. Other (*Please specify*) _____
 - g. Don't know
 - h. I would rather not answer

5. **What is your ethnicity?**
 - a. Hispanic
 - b. Non-Hispanic
 - c. Don't know
 - d. I would rather not answer

6. **What is your focus of study (major) at your college/university?**
 - a. Arts (*e.g.*, art history, cinematography, design, digital arts, film, etc.)
 - b. Biologic science (*e.g.*, agriculture, animal science, biology, genetics, nursing, etc.)

- c. Physical sciences (*e.g.*, physics, chemistry, astronomy, geology, etc.)
 - d. Business (*e.g.*, accounting, economics, finance, informatics, management, marketing, etc.)
 - e. Education (*e.g.*, elementary education, etc.)
 - f. Engineering or technology (*e.g.*, bioengineering, applied mathematics, materials science)
 - g. Literature or language (*e.g.*, anthropology, communication, geography)
 - h. Social sciences (*e.g.*, criminology, international studies, political science, psychology, sociology)
 - i. Other (*Please specify*) _____
 - j. Undeclared
 - k. I would rather not answer
- 7. In what subjects were your classes while studying abroad? *Select all that apply.***
- a. Arts (*e.g.*, art history, cinematography, design, digital arts, film, etc.)
 - b. Biologic science (*e.g.*, agriculture, animal science, biology, genetics, nursing, physics, etc.)
 - c. Physical sciences (*e.g.*, physics, chemistry, astronomy, geology, etc.)
 - d. Business (*e.g.*, accounting, economics, finance, informatics, management, marketing, etc.)
 - e. Education (*e.g.*, elementary education, etc.)
 - f. Engineering or technology (*e.g.*, bioengineering, applied mathematics, materials science)
 - g. Literature or language (*e.g.*, anthropology, communication, geography)
 - h. Social sciences (*e.g.*, criminology, international studies, political science, psychology, sociology)
 - i. Other (*Please specify*) _____
 - j. Don't know
 - k. I would rather not answer
- 8. Which of the following best describes the academic year when you studied abroad?**
If you studied abroad in the summer or between two academic years, please choose the academic year you started after your return from studying abroad.
- a. Freshman (year one)
 - b. Sophomore (year two)
 - c. Junior (year three)
 - d. Senior (year four)
 - e. Gap year (study abroad between high school and college)
 - f. Other (*Please specify*) _____
 - g. Don't know
 - h. I would rather not answer
- 9. What city(ies) and country(ies) did you recently return from studying abroad in?**
- City _____
- Country _____

10. Was the setting of your recent study abroad destination urban or rural?

- a. Urban (in a city)
- b. Rural (outside a city)
- c. Don't know
- d. I would rather not answer

11. Which of the following was the purpose of your study abroad travel?

- a. Study / academic coursework
- b. Research
- c. Internship
- d. Service
- e. Conferences or presentations
- f. Recruiting
- g. Athletic competition
- h. Other (*Please specify*) _____
- i. Don't know
- j. I would rather not answer

12. What was the duration of your recent study abroad-related travels?

The study abroad duration is the total time spent fulfilling the purpose of study abroad travel in-country.

- a. < 4 weeks
- b. 4 weeks to 8 weeks (*i.e.*, summer or winter session)
- c. > 8 weeks to 12 weeks (*i.e.*, quarter session)
- d. > 12 weeks to 24 weeks (*i.e.*, semester session)
- e. > 24 weeks to 32 weeks (*i.e.*, extended semester or two quarter sessions)
- f. > 32 weeks (*i.e.*, academic or calendar year)
- g. Don't know
- h. I would rather not answer

13. What was your primary residence while studying abroad? *Select all that apply.*

- a. Dormitory or other student housing
- b. Hostel
- c. Home stay with relatives
- d. Home stay with non-relatives
- e. Hotel
- f. Other (*Please specify*) _____
- g. Don't know
- h. I would rather not answer

14. Was your study abroad experience coordinated directly through your college/university, through an external private agency, or affiliated with a college/university other than your own?

- a. Directly through my college/university
- b. Through an external private agency

- i. If it was through an external agency, please list the agency here:

- c. Through a college/university other than your own
 - i. If it was through a college/university other than your own, please list the college/university here: _____
- d. Through a university-related organization (e.g., Engineers Without Borders)
 - i. Please list the organization here: _____
- e. Other (*Please specify*) _____
- f. Don't know
- g. I would rather not answer

15. Did you stay the full duration of your study abroad program?

- a. Yes (*Please state the reason for returning early:* _____)
- b. No
- c. Don't know
- d. I would rather not answer

Pre-travel Preparations

16. Did your college/university suggest, recommend, or mandate that you see a healthcare provider before studying abroad?

- a. Yes
- b. No
- c. Don't know
- d. I would rather not answer

17. Did you see a healthcare provider for travel-related advice before studying abroad?

- a. Yes
- b. No (*Please skip to question 22*)
- c. Don't know (*Please skip to question 22*)
- d. I would rather not answer (*Please skip to question 22*)

18. Where did you go for the healthcare provider visit? *Select all that apply.*

- a. Student health center at the college/university
- b. Travel medicine specialist
- c. Primary care provider
- d. Health department
- e. Other (*Please specify*) _____
- f. My college/university did not require me to have a pre-travel visit, and I did not attend one
- g. Don't know
- h. I would rather not answer

19. How long before departure was your pre-travel visit with a healthcare provider?

- a. < 1 week

- b. 1 to 2 weeks
 - c. 2 to 3 weeks
 - d. 3 to 4 weeks
 - e. 5 to 6 weeks
 - f. 6 to 7 weeks
 - g. 7 to 8 weeks
 - h. > 8 weeks
 - i. Don't know
 - j. I would rather not answer
- 20. Were you given medication before your trip (e.g., atovoquone/proguanil [malarone], mefloquine [Lariam], doxycycline, chloroquine [Aralen], etc.) to help prevent malaria?**
- a. Yes
 - b. No (*Please skip to question 22*)
 - c. Don't know (*Please skip to question 22*)
 - d. I would rather not answer (*Please skip to question 22*)
- 21. Did you take the malaria medication as prescribed?**
- a. Yes
 - b. No
 - c. Don't know
 - d. I would rather not answer
- 22. Did your college/university suggest, recommend, or mandate that you have medical travel insurance before studying abroad?**
- a. Yes
 - b. No
 - c. Don't know
 - d. I would rather not answer
- 23. Did you obtain supplemental (additional) medical travel insurance to cover you while you studied abroad?**
- a. Yes
 - b. No (*Please skip to question 25*)
 - c. Don't know (*Please skip to question 25*)
 - d. I would rather not answer (*Please skip to question 25*)
- 24. If you obtained supplemental (additional) medical travel insurance while you studied abroad, where did you obtain it?**
- a. My college/university supplies it, free of charge
 - b. My college/university supplies it, but I had to pay for it
 - c. I obtained supplemental insurance directly from the insurance company
 - d. I changed my existing policy to include international coverage
 - e. My parents took care of it for me since I am on their insurance plan
 - f. Other (*Please specify*) _____
 - g. Don't know

- h. I would rather not answer
- 25. Did the medical travel insurance that you had while abroad cover the following:**
- General accident and illness coverage?
- a. Yes
 - b. No
 - c. Don't know
 - d. I would rather not answer
- 24-hour emergency assistance?
- a. Yes
 - b. No
 - c. Don't know
 - d. I would rather not answer
- Medical Evacuation?
- a. Yes
 - b. No
 - c. Don't know
 - d. I would rather not answer
- Repatriation (*return of remains; pertains if death is experienced while abroad*)?
- a. Yes
 - b. No
 - c. Don't know
 - d. I would rather not answer
- 26. If you are a citizen of the United States, did you register with the State Department's Smart Traveler Enrollment Program (STEP) before studying abroad?**
- a. Yes
 - b. No
 - c. Don't know
 - d. I would rather not answer
 - e. Not applicable, I am not a United States citizen
- 27. Did your college/university provide you with emergency contact information for personnel at the college/university in the event of an incident while abroad?**
- a. Yes
 - b. No
 - c. Don't know
 - d. I would rather not answer
- 28. Where did you get health-related information prior to studying abroad? Check all that apply.**
- a. Consultation with a healthcare provider
 - b. National Association of International Educators (NAFSA)
 - c. Centers for Disease Control and Prevention Travelers' Health webpage
 - d. Safety Abroad First-Educational Travel Information (SAFTI) Clearinghouse
 - e. Global Scholar
 - f. State Department

- g. Center for Disease Control and Prevention's Yellow Book, Health Information on International Travel
- h. College/university student health office
- i. College/university student health website
- j. Advice from peers
- k. Study abroad office staff
- l. World Health Organization
- m. Institut Pasteur
- n. Other (*Please specify*) _____
- o. None of the above
- p. Don't know
- q. I would rather not answer

29. Did you attend a college/university pre-travel education or training session prior to studying abroad? This can be led by an instructor in a classroom, as a webinar, a teleconference, etc. and would be separate from a pre-travel healthcare or vaccination visit with a healthcare provider.

- a. Yes
- b. No
- c. Don't know
- d. I would rather not answer

Knowledge and Prevention Practices

30. To the best of your knowledge, were any of the following infections a risk where you studied abroad?

Malaria

- a. Yes
- b. No
- c. Don't know
- d. I would rather not answer

Dengue

- a. Yes
- b. No
- c. Don't know
- d. I would rather not answer

Yellow fever

- a. Yes
- b. No
- c. Don't know
- d. I would rather not answer

Japanese encephalitis

- a. Yes
- b. No
- c. Don't know
- d. I would rather not answer

Zika virus

- a. Yes
- b. No
- c. Don't know
- d. I would rather not answer

Meningitis (Meningococcal)

- a. Yes
- b. No
- c. Don't know
- d. I would rather not answer

31. Did you use insect precautions (repellents, bednets, etc.) to avoid being bitten by mosquitoes, ticks, or other insects?

- a. Yes
- b. No
- c. Don't know
- d. I would rather not answer

32. Did college/university staff from the study abroad office or program, accompany you (or your group) on your study abroad experience?

- a. Yes
- b. No (*Please skip to question 34*)
- c. Don't know (*Please skip to question 34*)
- d. I would rather not answer (*Please skip to question 34*)

33. Did you use this person as a resource for health-related questions that arose during your study abroad experience?

- a. Yes, this person was able to answer my question(s) or direct me to a resource to answer it
- b. Yes, but this person was unable to assist me
- c. No, I did not have any health-related questions while abroad
- d. Don't know
- e. I would rather not answer

Travel While Abroad

34. Did you travel to any other cities or countries than the one in which you were studying?

- a. Yes
- b. No (*Please skip to question 36*)
- c. Don't know (*Please skip to question 36*)
- d. I would rather not answer (*Please skip to question 36*)

35. Please list all countries and cities that you traveled to while studying abroad, including those that were not locations of your official study abroad experience. Also, please note the

duration of time (in days) you spent, in total, in each of these locations and the purpose of your travel there.

COUNTRY	CITIES	Total days	Purpose of Travel (Select all that apply)
1.	1.	1.	a. Tourism b. Visiting friends/relatives c. Education (part of study abroad office) d. Education (NOT part of study abroad office) e. Business f. Health or medical care g. Research h. Other (<i>Please specify</i>) _____
2.	2.	2.	a. Tourism b. Visiting friends/relatives c. Education (part of study abroad office) d. Education (NOT part of study abroad office) e. Business f. Health or medical care g. Research h. Other (<i>Please specify</i>) _____
3.	3.	3.	a. Tourism b. Visiting friends/relatives c. Education (part of study abroad office) d. Education (NOT part of study abroad office) e. Business f. Health or medical care g. Research h. Other (<i>Please specify</i>) _____
4.	4.	4.	a. Tourism b. Visiting friends/relatives c. Education (part of study abroad office) d. Education (NOT part of study abroad office) e. Business f. Health or medical care g. Research h. Other (<i>Please specify</i>) _____

5.	5.	5.	<ul style="list-style-type: none"> a. Tourism b. Visiting friends/relatives c. Education (part of study abroad office) d. Education (NOT part of study abroad office) e. Business f. Health or medical care g. Research h. Other (<i>Please specify</i>) <hr/>
6.	6.	6.	<ul style="list-style-type: none"> a. Tourism b. Visiting friends/relatives c. Education (part of study abroad office) d. Education (NOT part of study abroad office) e. Business f. Health or medical care g. Research h. Other (<i>Please specify</i>) <hr/>
7.	7.	7.	<ul style="list-style-type: none"> a. Tourism b. Visiting friends/relatives c. Education (part of study abroad office) d. Education (NOT part of study abroad office) e. Business f. Health or medical care g. Research h. Other (<i>Please specify</i>) <hr/>
8.	8.	8.	<ul style="list-style-type: none"> a. Tourism b. Visiting friends/relatives c. Education (part of study abroad office) d. Education (NOT part of study abroad office) e. Business f. Health or medical care g. Research h. Other (<i>Please specify</i>) <hr/>
9.	9.	9.	<ul style="list-style-type: none"> a. Tourism b. Visiting friends/relatives c. Education (part of study abroad office) d. Education (NOT part of study abroad office) e. Business

			f. Health or medical care g. Research h. Other (<i>Please specify</i>) _____
10.	10.	10.	a. Tourism b. Visiting friends/relatives c. Education (part of study abroad office) d. Education (NOT part of study abroad office) e. Business f. Health or medical care g. Research h. Other (<i>Please specify</i>) _____
11.	11.	11.	a. Tourism b. Visiting friends/relatives c. Education (part of study abroad office) d. Education (NOT part of study abroad office) e. Business f. Health or medical care g. Research h. Other (<i>Please specify</i>) _____
12.	12.	12.	a. Tourism b. Visiting friends/relatives c. Education (part of study abroad office) d. Education (NOT part of study abroad office) e. Business f. Health or medical care g. Research h. Other (<i>Please specify</i>) _____
13.	13.	13.	a. Tourism b. Visiting friends/relatives c. Education (part of study abroad office) d. Education (NOT part of study abroad office) e. Business f. Health or medical care g. Research h. Other (<i>Please specify</i>) _____

14.	14.	14.	a. Tourism b. Visiting friends/relatives c. Education (part of study abroad office) d. Education (NOT part of study abroad office) e. Business f. Health or medical care g. Research h. Other (<i>Please specify</i>) _____
15.	15.	15.	a. Tourism b. Visiting friends/relatives c. Education (part of study abroad office) d. Education (NOT part of study abroad office) e. Business f. Health or medical care g. Research h. Other (<i>Please specify</i>) _____
16.	16.	16.	a. Tourism b. Visiting friends/relatives c. Education (part of study abroad office) d. Education (NOT part of study abroad office) e. Business f. Health or medical care g. Research h. Other (<i>Please specify</i>) _____
17.	17.	17.	a. Tourism b. Visiting friends/relatives c. Education (part of study abroad office) d. Education (NOT part of study abroad office) e. Business f. Health or medical care g. Research h. Other (<i>Please specify</i>) _____
18.	18.	18.	a. Tourism b. Visiting friends/relatives c. Education (part of study abroad office) d. Education (NOT part of study abroad office) e. Business

			f. Health or medical care g. Research h. Other (<i>Please specify</i>) _____
19.	19.	19.	a. Tourism b. Visiting friends/relatives c. Education (part of study abroad office) d. Education (NOT part of study abroad office) e. Business f. Health or medical care g. Research h. Other (<i>Please specify</i>) _____
20.	20.	20.	a. Tourism b. Visiting friends/relatives c. Education (part of study abroad office) d. Education (NOT part of study abroad office) e. Business f. Health or medical care g. Research h. Other (<i>Please specify</i>) _____

- a. Don't know
- b. I would rather not answer

Infections Acquired While Abroad

36. Please indicate if you were diagnosed with any of the following infections while you were studying abroad.

If yes, please also list how long the illness lasted, the month in which you were diagnosed, if you were diagnosed by a licensed healthcare provider, if you were hospitalized, and if any treatment was received.

Please answer the questions to the best of your ability.

As a reminder, all responses are anonymous and confidential. Your responses will only be used for the purposes outlined for this study. Your college/university will not have access to your responses.

Infection (Yes/No/Don't Know)	Duration of Illness (days)	Month of Diagnosis	Diagnosed by a Licensed Healthcare Provider (Yes/No/Don't Know)	Hospitalized (Yes/No/Don't Know)	Treatment Received (Yes/No/Don't Know)
Infections from Mosquitoes, Sandflies, or Ticks					
Malaria (+ species) Y N DK	____ days Don't remember	_____ Don't remember	Y N DK	Y N DK	Y N DK
Dengue ("breakbone fever") Y N DK	____ days Don't remember	____/____ Don't remember	Y N DK	Y N DK	Y N DK
Yellow fever Y N DK	____ days Don't remember	____/____ Don't remember	Y N DK	Y N DK	Y N DK
Japanese encephalitis Y N DK	____ days Don't remember	____/____ Don't remember	Y N DK	Y N DK	Y N DK
Chikungunya ("chik") Y N DK	____ days Don't remember	____/____ Don't remember	Y N DK	Y N DK	Y N DK
West Nile Y N DK	____ days Don't remember	____/____ Don't remember	Y N DK	Y N DK	Y N DK
Zika Y N DK	____ days Don't remember	____/____ Don't remember	Y N DK	Y N DK	Y N DK
Leishmaniasis ("leish") Y N DK	____ days Don't remember	____/____ Don't remember	Y N DK	Y N DK	Y N DK
Rickettsial infections (e.g., Lyme disease, Y N DK	____ days Don't remember	____/____ Don't remember	Y N DK	Y N DK	Y N DK

African tick bite fever, typhus, etc.)	Don't remember	Don't remember			
Y N DK					
Intestinal Infections					
Travelers' diarrhea (this may have been called <i>Salmonella</i> , <i>E.coli</i> , <i>Campylobacter</i> , <i>Shigella</i> , <i>Yersinia</i> , <i>norovirus</i> , etc.)	_____ days Don't remember		Y N DK	Y N DK	Y N DK
Y N DK					
Giardiasis (<i>Giardia</i>)	_____ days Don't remember		Y N DK	Y N DK	Y N DK
Y N DK					
Typhoid/enteric fever (<i>Salmonella typhi</i>)	_____ days Don't remember		Y N DK	Y N DK	Y N DK
Y N DK					
Food poisoning	_____ days Don't remember		Y N DK	Y N DK	Y N DK
Y N DK					
Hepatitis A (hepatitis from contaminated food or water)	_____ days Don't remember		Y N DK	Y N DK	Y N DK
Y N DK					
Schistosomiasis ("schisto")	_____ days Don't remember		Y N DK	Y N DK	Y N DK
Y N DK					
Intestinal worm (<i>Please specify</i>) _____	_____ days Don't remember		Y N DK	Y N DK	Y N DK
Y N DK					
Strongyloidiasis (<i>Strongyloides</i>)	_____ days Don't remember		Y N DK	Y N DK	Y N DK
Y N DK					
Enterobiasis (Pinworm)	_____ days		Y N DK	Y N DK	Y N DK

Y N DK	Don't remember				
Gastroenteritis or colitis (Please specify) _____	____ days Don't remember		Y N DK	Y N DK	Y N DK
Y N DK					
Sexually Transmitted Infections					
HIV/AIDS	____ days		Y N DK	Y N DK	Y N DK
Y N DK	Don't remember				
Chlamydia	____ days		Y N DK	Y N DK	Y N DK
Y N DK	Don't remember				
Gonorrhea	____ days		Y N DK	Y N DK	Y N DK
Y N DK	Don't remember				
Syphilis (+ stage)	____ days		Y N DK	Y N DK	Y N DK
Y N DK	Don't remember				
Trichomonas ("tric")	____ days		Y N DK	Y N DK	Y N DK
Y N DK	Don't remember				
Genital herpes ("herpes")	____ days		Y N DK	Y N DK	Y N DK
Y N DK	Don't remember				
Genital warts ("warts")	____ days		Y N DK	Y N DK	Y N DK
Y N DK	Don't remember				
Pubic lice ("crabs")	____ days		Y N DK	Y N DK	Y N DK
Y N DK	Don't remember				
Respiratory Infections					
COVID-19 ("COVID")	____ days	____/____	Y N DK	Y N DK	Y N DK

Y N DK	Don't remember	Don't remember			
Tuberculosis ("TB")	____ days	____/____	Y N DK	Y N DK	Y N DK
Y N DK	Don't remember	Don't remember			
Influenza ("flu")	____ days	____/____	Y N DK	Y N DK	Y N DK
Y N DK	Don't remember	Don't remember			
Common cold	____ days	____/____	Y N DK	Y N DK	Y N DK
Y N DK	Don't remember	Don't remember			
Pneumonia <i>Please specify the etiology (bacteria, virus, etc.)</i> _____	____ days	____/____	Y N DK	Y N DK	Y N DK
Y N DK	Don't remember	Don't remember			
Sinusitis	____ days	____/____	Y N DK	Y N DK	Y N DK
Y N DK	Don't remember	Don't remember			
Other respiratory infection <i>(Please specify)</i> _____	____ days	____/____	Y N DK	Y N DK	Y N DK
Y N DK	Don't remember	Don't remember			
Central Nervous System Infections					
Viral meningitis <i>If known, specify the virus</i> _____	____ days	____/____	Y N DK	Y N DK	Y N DK
Y N DK	Don't remember	Don't remember			
Bacterial meningitis <i>If known, specify the bacteria</i> _____	____ days	____/____	Y N DK	Y N DK	Y N DK
Y N DK	Don't remember	Don't remember			
Fungal meningitis	____ days	____/____	Y N DK	Y N DK	Y N DK

<i>If known, specify the fungus</i> _____	Don't remember	Don't remember			
Y N DK					
Other central nervous system infection (Please specify) _____	____ days Don't remember	____/____ Don't remember	Y N DK	Y N DK	Y N DK
Y N DK					
Fever Syndromes					
Toxic Shock Syndrome	____ days Don't remember		Y N DK	Y N DK	Y N DK
Y N DK					
Bacteremia (bacteria in the blood) <i>If known, specify the bacteria</i> _____	____ days Don't remember		Y N DK	Y N DK	Y N DK
Y N DK					
Fungal infection (including Coccidioidomycosis or valley fever, Blastomycosis, Histoplasmosis, Paracoccidioidomycosis, Sporotrichosis, etc.)	____ days Don't remember		Y N DK	Y N DK	Y N DK
Y N DK					
Mononucleosis ("mono")	____ days Don't remember		Y N DK	Y N DK	Y N DK
Y N DK					
Measles	____ days Don't remember		Y N DK	Y N DK	Y N DK
Y N DK					
Mumps	____ days		Y N DK	Y N DK	Y N DK
Y N DK					

	Don't remember				
Chickenpox (<i>Varicella</i>)	_____ days		Y N DK	Y N DK	Y N DK
Y N DK	Don't remember				
Skin Infections					
Myiasis ("bot fly," "tumbu fly," or other fly larvae under the skin)	_____ days		Y N DK	Y N DK	Y N DK
Y N DK	Don't remember				
Scabies	_____ days		Y N DK	Y N DK	Y N DK
Y N DK	Don't remember				
Body lice	_____ days		Y N DK	Y N DK	Y N DK
Y N DK	Don't remember				
Cutaneous larva migrans ("ground itch" or "creeping eruption")	_____ days		Y N DK	Y N DK	Y N DK
Y N DK	Don't remember				
Other skin disease (Please specify) _____	_____ days		Y N DK	Y N DK	Y N DK
Y N DK	Don't remember				

37. Please provide any additional details that you remember and feel comfortable disclosing regarding the above illnesses.

Illness Name	Additional Details
1.	
2.	
3.	
4.	
5.	
6.	
7.	

8.	
9.	
10.	

38. Were you told at any time when you were abroad that you were infected with a bacteria that was resistant to antibiotics?

- a. Yes
- b. No
- c. Don't know
- d. I would rather not answer

Non-infectious Health-related Events While Abroad

39. Please indicate if you experienced any of the following (non-infectious) health-related events while you were studying abroad.

If yes, please also list the month the health-related even occurred in, if you were hospitalized, and any additional dates if you the events occurred more than once.

As a reminder, all responses are anonymous and confidential. Your responses will only be used for the purposes outlined for this study. Your college/university will not have access to your responses.

Please note that some questions may be sensitive in nature, but you have the option to choose "I would rather not answer" if you do not want to respond for personal reasons.

Non-infectious Health-related Event (Yes/No/Don't Know)	Hospitalized (Yes/No/Don't Know)	Did this occur more than once? (Yes/No/Don't Know)
Animal or Marine Stings or Bites		
Dog or cat bite Y N DK	Y N DK	
Monkey bite Y N DK	Y N DK	
Snake bite Y N DK	Y N DK	
Insect bite or sting (e.g., mosquito, tick) Y N DK	Y N DK	

Marine sting (e.g., stingray, jellyfish) Y N DK	Y N DK	
Other bite or sting (e.g., scorpion, etc.) (Please specify) _____ Y N DK	Y N DK	
Accidents and Injuries		
Occupant or driver of a vehicle (car, motorcycle, bus, bike, etc.) involved in an accident Y N DK	Y N DK	Y N DK
Pedestrian accident (in which you were the pedestrian hit by a car, bike, bus, etc.) Y N DK	Y N DK	Y N DK
Experienced a fall Y N DK	Y N DK	Y N DK
Other accident or injury (Please specify) _____ Y N DK	Y N DK	Y N DK
Crimes		
Victim of a violent crime (including assault, sexual assault, mugging, car jacking, etc.) Y N DK	Y N DK	Y N DK
Other crime (Please specify) _____ Y N DK	Y N DK	Y N DK

Travel (Movement)-related Conditions		
Motion sickness (including sea sickness)	Y N DK	
Y N DK		
Deep vein thrombosis (DVT) or clot	Y N DK	
Y N DK		
Jet lag	Y N DK	
Y N DK		
Environmental Hazards		
Heat exhaustion	Y N DK	
Y N DK		
Heatstroke	Y N DK	
Y N DK		
Frostbite	Y N DK	
Y N DK		
Air pollution (causing asthma)	Y N DK	
Y N DK		
Other environmental hazard (Please specify) _____	Y N DK	
Y N DK		
Altitude-related Conditions		
Altitude sickness	Y N DK	
Y N DK		
High Altitude Cerebral Edema (HACE)	Y N DK	
Y N DK		
High Altitude Pulmonary Edema (HAPE)	Y N DK	

Y N DK		
Water-related Conditions		
Decompression sickness ("the bends") from scuba diving	Y N DK	
Y N DK		
Other water-related condition (Please specify) _____	Y N DK	
Y N DK		
Allergic Reactions		
Mild swelling of any part of the body	Y N DK	
Y N DK		
Hives	Y N DK	
Y N DK		
Anaphylaxis or severe allergic reaction involving your breathing	Y N DK	
Y N DK		

Mental Health-related Events

Please answer the following questions regarding mental health conditions.

Indicate 'yes' if you have: a history of any of the specific mental health conditions listed PRIOR TO going abroad, WHILE abroad, OR AFTER RETURNING HOME from studying abroad.

Indicate 'no' only if you have NEVER had the mental health condition.

As a reminder, all responses are anonymous and confidential. Your responses will only be used for the purposes outlined for this study. Your college/university will not have access to your responses.

Please note that some questions may be sensitive in nature, but you have the option to choose "I would rather not answer" if you do not want to respond for personal reasons.

Depression	Y N DK I would rather not answer
Stress	Y N DK I would rather not answer
Generalized anxiety	Y N DK I would rather not answer
Panic attack (severe anxiety)	Y N DK I would rather not answer
Bipolar disorder with either manic or depressive symptoms	Y N DK I would rather not answer
Psychosis (or psychotic behaviors)	Y N DK I would rather not answer
Schizophrenia (or related illness)	Y N DK I would rather not answer
Post-traumatic stress disorder (PTSD)	Y N DK I would rather not answer
Other mental health condition (Please specify)_____	Y N DK I would rather not answer

If yes, to any of the above questions:

40. When were you first diagnosed with [mental health condition]?

- a. Before study abroad trip
- b. During study abroad trip
- c. After study abroad trip
- d. Don't know
- e. I would rather not answer

41. Did you have any active [mental health condition] issues in the 3 months before you studied abroad? This would include worse episodes than usual, medication change or dose change, etc.

- a. Yes
- b. No
- c. Don't know
- d. I would rather not answer

42. Would you say that during your study abroad experience, your [mental health condition]:

- a. Got worse (*i.e.*, increased episodes, more severe episodes, increase in medication dose, etc.)
 - b. Stayed the same (*i.e.*, no changes to medication, no new episodes, no need to seek additional care, etc.)
 - c. Improved (*i.e.*, decrease in episodes, less severe episodes, decrease in medication dose, etc.)
 - d. Don't know
 - e. I would rather not answer
- 43.** Who first diagnosed your [mental health condition]?
- a. Healthcare provider
 - b. Self-diagnosis
 - c. Don't know
 - d. I would rather not answer
- 44.** Do you take medication for your [mental health condition]?
- a. Yes
 - b. No (*Please skip to question 46*)
 - c. Don't know (*Please skip to question 46*)
 - d. I would rather not answer (*Please skip to question 46*)
- 45.** Did you take your medication(s) for your [mental health condition] as prescribed while studying abroad?
- a. Yes
 - b. No
 - c. Don't know
 - d. I would rather not answer
- 46.** Have you been hospitalized for your [mental health condition] before, during, or after your study abroad experience? *Please select all that apply.*
- a. Yes, before
 - b. Yes, during
 - c. Yes, after
 - d. No
 - e. Don't know
 - f. I would rather not answer
- 47.** In your opinion, did you receive adequate support (mental health resources, counseling, etc.) from any of the following BEFORE, DURING, or AFTER your study abroad trip for your [mental health condition]? *Please select all that apply.*
- a. Yes, I received adequate support from my home college/university
 - b. Yes, I received adequate support from my study abroad college/university
 - c. No, I did not receive any support from colleges/universities
 - d. Don't know
 - e. I would rather not answer

Substance Use Questions

Please note that some of the following questions may be sensitive in nature, but you have the option to choose “I would rather not answer” if you do not want to respond for personal reasons. As a reminder, all responses are anonymous and confidential. Your responses will only be used for the purposes outlined for this study. Your college/university will not have access to your responses.

48. Did you drink alcohol while studying abroad?

- a. Yes
- b. No (*Please skip to question 55*)
- c. Don't know
- d. I would rather not answer

49. Did you drink less alcohol, the same amount of alcohol, or more alcohol than you do when you are not studying abroad?

- a. I drank less alcohol while I was studying abroad compared to not studying abroad
- b. I drank the same amount of alcohol while I was abroad that I drink when not studying abroad
- c. I drank more alcohol while I was studying abroad compared to not studying abroad
- d. Don't know
- e. I would rather not answer

50. On average, how many drinks did you have a week while studying abroad? Per the Centers for Disease Control and Prevention, a drink is defined as 12 ounces of beer, 8 ounces of malt liquor, 5 ounces of wine, or 1.5 ounces of 80-proof distilled spirits or liquor.

- a. 1 to 5 drinks
- b. 6 to 10 drinks
- c. 11 to 15 drinks
- d. 16 to 20 drinks
- e. 21 to 25 drinks
- f. 26 to 30 drinks
- g. Greater than 30 drinks
- h. Don't know
- i. I would rather not answer

51. While abroad, did you engage in any binge drinking?

Per the Centers for Disease Control and Prevention, binge drinking is defined as 5 or more alcoholic beverages for males or 4 or more alcoholic beverages for females within a couple hours.

- a. Yes
- b. No (*Please skip to question 53*)
- c. Don't know (*Please skip to question 53*)

- d. I would rather not answer

52. How often did you binge drink while abroad?

- a. Daily
- b. 2 to 3 days a week
- c. Once a week
- d. 2 to 3 times a month
- e. Once a month
- f. Once every 2 to 3 months
- g. Don't know
- h. I would rather not answer

53. Did alcohol contribute to any crimes, motor vehicle, pedestrian, or bicycle accidents?

- a. Yes (*Please describe:*
_____)
- b. No
- c. Don't know
- d. I would rather not answer

54. Did alcohol affect any mental health conditions, such as depression, anxiety, mania, or psychosis?

- a. Yes (*Please describe:*
_____)
- b. No
- c. Don't know
- d. I did not have any psychiatric conditions while studying abroad
- e. I would rather not answer

55. Did you consume any of the following illicit drugs while abroad? Check all that apply.

- a. Marijuana (pot, grass, ganja, weed, mary jane, reefer, blunt, herb, joint)
- b. Hashish (hash, hemp)
- c. Synthetic cannabinoids (K2, spice, fake weed, moon rocks)
- d. Cocaine (crack, rocks, coke, blow, snow, powder, bump)
- e. Mushrooms (shrooms, happies, magics)
- f. Ecstasy (MDMA, molly, "head shaking pill", "X", "E", uppers)
- g. LSD (acid)
- h. PCP (angel dust)
- i. Heroin (brown sugar, china white, dope, smack, tar)
- j. Methamphetamine (speed, crank, meth, crystal, crystal meth, ice, tina)
- k. Oxycontin (oxycodone, oxycet, oxy, percs, roxy)
- l. Ketamine (special K, "K", vitamin K, cat valium, purple)
- m. Other painkillers (codeine, fentanyl, hydrocodone, hydromorphone or dilaudid, Demerol, methadone, morphine)
- n. Inhalants (dusters, huff, snappers, poppers)
- o. Other (*Please specify*) _____
- p. Don't know

- q. I did not consume any drugs while abroad (*Please skip to question 50*)
 - r. I would rather not answer
- 56. Did you take fewer illicit drugs, the same amount of illicit drugs, or more illicit drugs than you do when you are not studying abroad?**
- a. I took fewer illicit drugs while I was studying abroad compared to not studying abroad
 - b. I took the same amount of illicit drugs while I was abroad that when not studying abroad
 - c. I took more illicit drugs while I was studying abroad compared to not studying abroad
 - d. I did not take any illicit drugs while I was studying abroad
 - e. Don't know
 - f. I would rather not answer
- 57. Did you have any new sexual partners while studying abroad?**
- a. Yes
 - b. No
 - c. Don't know
 - d. I would rather not answer
- 58. Did you engage in risky sexual behaviors while studying abroad? This includes, but is not limited to having sexual encounters with strangers, having sex in exchange or money or drugs, or not using barrier protection to prevention pregnancy or sexually transmitted infections.**
- a. Yes
 - b. No
 - c. Don't know
 - d. I would rather not answer
- 59. Did you engage in more risky sexual behaviors, the same amount of risky sexual behaviors, or fewer risky sexual behaviors than you do when you are not studying abroad?**
- a. I engaged in fewer risky sexual behaviors while I was studying abroad compared to not studying abroad
 - b. I engaged in the same amount of risky sexual behaviors while I was abroad that when not studying abroad
 - c. I engaged in more risky sexual behaviors while I was studying abroad compared to not studying abroad
 - d. I did not engage in risky sexual behaviors before or during studying abroad
 - e. Don't know
 - f. I would rather not answer
- 60. Did you (or your partner) use a condom during ALL sexual encounters while studying abroad?**
- a. Yes (*Please skip to question 62*)
 - b. No
 - c. Don't know (*Please skip to question 62*)
 - d. I would rather not answer (*Please skip to question 62*)
 - e. I did not have any sexual encounters while studying abroad (*Please skip to question 62*)

61. What percent of the time did you use condoms while studying abroad?

- a. 0% of the time
- b. 1–25% of the time
- c. 26–50% of the time
- d. 51–75% of the time
- e. 76–99% of the time
- f. Don't know
- g. I would rather not answer

62. While abroad, did you or your partner use any other form of birth control *other than* condoms?

- a. Yes
- b. No (*Please skip to question 64*)
- c. Don't know (*Please skip to question 64*)
- d. I would rather not answer (*Please skip to question 64*)

63. Which of the following did you or your partner use? Select all that apply.

- a. Birth control pill, patch, or injection (*e.g.*, Depo)
- b. Emergency contraception (morning after pill)
- c. Intrauterine device (IUD) (*e.g.*, Mirena)
- d. Diaphragm
- e. Spermicide
- f. Cervical cap or sponge
- g. Vasectomy or tubal ligation ("tubes tied")
- h. Contraceptive implant (*e.g.*, Nexplanon)
- i. None of the above
- j. Don't know
- k. I would rather not answer

64. Did you have any other non-infectious health related issues while studying abroad that were not mentioned above?

- a. Yes (*Please specify*) _____
- b. No
- c. Don't know
- d. I would rather not answer

65. Please provide any additional comments or information regarding any of the above questions here:

This survey is now completed.

Thank you very much for your time.