

**Tulsa Community College
Analysis of Study Abroad Surveys**

**September 29, 2016
Office of Institutional Research and Assessment**



This analysis includes the results from one group of students on two occasions, prior to (N=74) and after their study abroad experience (N=26) in May, 2016. At both times, respondents completed the survey questions. The pre-survey was administered in person in Spring 2016, using pen and paper (see Appendix A); the post-survey was e-mailed to students in August 2016 with a link to the same survey through TCC's survey tool, Qualtrics (see Appendix B). Three reminder e-mails were sent, resulting in a 35% response rate. The pre-survey consisted of 12 Likert-scale items, and one questions about previous travel. The post-survey consisted of the same 12 items, one additional Likert-scale question about desire to travel internationally, one additional Likert-scale question about desire to be involved in the community, and one open-ended question about areas of interest for civic involvement. The comments below are based on the results of the 26 students that completed both the pre- and post-surveys.

- A paired-samples t-test was used to look for significant change in responses from pre- to post-surveys. Cohen's *d* was also calculated to look for meaningful change for all items, given that statistical significance can be affected by small sample sizes.
 - **Item 6, "I view myself as a global citizen."** There was a medium, significant positive change from pre- to post-survey responses for Item 6 ($M_D = 0.50$, $SD = 0.99$, $p < .05$, Cohen's $d = 0.51$).
 - **Item 7, "I feel like a leader among my friends."** There was a medium, significant positive change from pre- to post-survey responses for Item 7 ($M_D = 0.35$, $SD = 0.85$, $p < .05$, Cohen's $d = 0.41$).
- In the open-ended question about civic or community involvement, students reported interest in volunteering in the following areas: homeless shelters, community events, language school, Big Sister program, kids and/or animal organizations, nursing homes, donating blood.

Descriptive statistics for the survey items are presented in the tables and graphs on the following pages.

Mean Ratings (and standard deviations) for Study Abroad Questions

Survey Questions on Study Abroad (N=26)	Pre-study Abroad	Post-study Abroad	Mean Difference	Effect Size ^
1. I feel comfortable traveling internationally.	4.65 (0.56)	4.62 (0.50)	-0.04 (0.66)	0.06
2. I am at ease with persons from different cultures.	4.58 (0.64)	4.62 (0.50)	0.04 (0.66)	0.06
3. I feel comfortable in foreign settings.	4.19 (0.85)	4.38 (0.57)	0.19 (0.85)	0.23
4. My world view is broad.	4.46 (0.65)	4.65 (0.56)	0.19 (0.63)	0.30
5. My own cultural values and perspectives are clear to me.	4.58 (0.70)	4.58 (0.70)	0.00 (0.75)	0.00
6. I view myself as a global citizen.	3.96 (0.77)	4.46 (0.65)	0.50 (0.99) **	0.51
7. I feel like a leader among my friends.	4.08 (0.74)	4.42 (0.64)	0.35 (0.85) **	0.41
8. I have good interpersonal skills.	4.31 (0.62)	4.50 (0.58)	0.19 (0.75)	0.26
9. I am adaptable to new surroundings.	4.35 (0.63)	4.50 (0.58)	0.15 (0.73)	0.21
10. Studying abroad will enhance my resume and increase job opportunities.	4.85 (0.46)	4.69 (0.62)	-0.15 (0.54)	0.28
11. I feel independent and self-reliant.	4.58 (0.58)	4.69 (0.55)	0.12 (0.52)	0.22
12. I am an adventurous person.	4.58 (0.58)	4.69 (0.62)	0.12 (0.59)	0.20

Question Options: 1=Strongly disagree, 2=Disagree, 3=Uncertain, 4=Agree, 5=Strongly agree

^Effect size was calculated as Cohen's *d*. A score between .1 - .3 means small change, .3 - .5 means medium change, and > .5 means large change.

* Statistically significant, $p < .10$

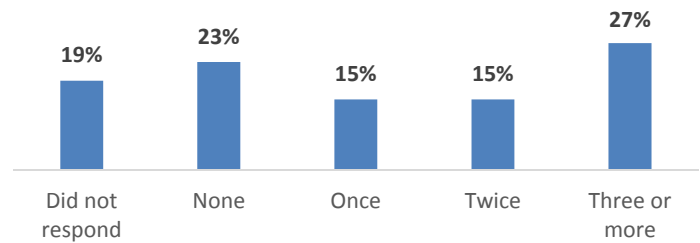
** Statistically significant, $p < .05$

*** Statistically significant, $p < .01$

Responses to Additional Question on Pre-Survey

Number of International Travel Experiences

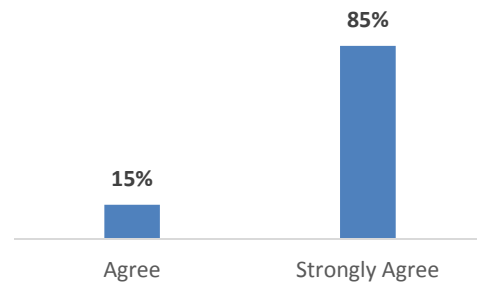
	Frequency	Percent
None	6	23%
One Time	4	15%
Two Times	4	15%
Three or More	7	27%
Did not respond	5	19%



Responses to Additional Questions on Post-Survey

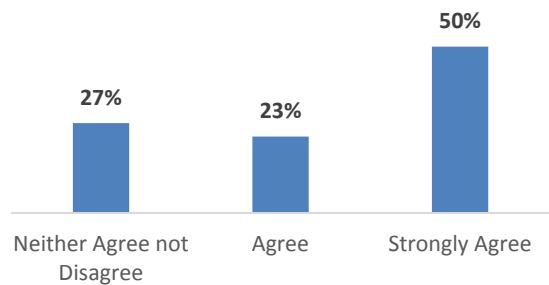
Since participating in my Study Abroad trip, I have a desire to travel to other international destinations ($M = 4.85$; $SD = 0.37$).

	Frequency	Percent
Strongly Disagree	0	0%
Disagree	0	0%
Neither Agree nor Disagree	0	0%
Agree	4	15%
Strongly Agree	22	85%



Since participating in my Study Abroad trip, I have a desire to be more involved in community or civic activities ($M = 4.23$; $SD = 0.86$).

	Frequency	Percent
Strongly Disagree	0	0%
Disagree	0	0%
Neither Agree nor Disagree	7	27%
Agree	6	23%
Strongly Agree	13	50%



Please list some examples of involvement or volunteering in any area of community or civic activity that may interest you.

1. Assist with the homeless population; volunteer at a shelter
2. Anything really; donations, fundraising, etc.
3. Community events about the culture I experienced.
4. Engineers Without Borders
5. I am a part of a musical group and we play for several charity events in the Tulsa area. I hope to incorporate the language and/or culture into our volunteering.
6. I am going into Occupational Therapy with a focus on Early Childhood Development, so any pediatric based volunteering would interest me most.
7. I am open to volunteering anywhere to educate others about Japan and TCC's Global Ed.
8. I would like to be involved in school activities.
9. I would like to volunteer at a place that teaches Chinese language/culture (i.e. Jenks Chinese Immersion School) or a place that teaches art (i.e. Henry Zarrow Center). I've tried to get in contact with these places, but have gotten no response. So, I'm volunteering at the food bank and sometimes at Jenks ECC.
10. I would like to volunteer to help refugees and people who are less fortunate. I also feel the need to help teach about culture and educate people that differences are good and can open up opportunities if we are willing to open our hearts and minds.
11. I would love to volunteer in many different areas. The first would be working with kids and possibly volunteering to become a Big Sister. The second would be working with animals and helping them find permanent homes. I would also love to give back to the community and possibly join Broken Arrow Neighbors.
12. I'm more interested in donating blood, and volunteering at schools or nursing homes.
13. To be honest, I don't know
14. Volunteering for church events



**Study Abroad
Pre-Survey
Spring 2016**

MARKING INSTRUCTIONS	
<ul style="list-style-type: none"> • Use a No. 2 pencil or a blue or black ink pen only. • Do not use pens with ink that soaks through the paper. • Make solid marks that fill the response completely. • Make no stray marks on this form. 	
CORRECT: ●	INCORRECT: ○✗⊖⊙

6 X 5 F R O N T
 Recorder Form No. 103188 at www.ScantronStore.com or call 800-722-6876
 6 X 5 F R O N T

For matching of pre- and post-surveys, please provide your TCC student identification number in the space provided at right. Please write the correct numbers at the top and then fill in the appropriate circles that match your ID number.

STUDENT ID									
T									

I have the following international travel experience(s):

- No prior international travel experience
- One international travel experience
- Two international travel experiences
- Three or more international travel experiences

Please respond to the following statements indicating your level of agreement.

STRONGLY DISAGREE DISAGREE NEUTRAL AGREE STRONGLY AGREE

1. I feel comfortable traveling internationally.				
2. I am at ease with persons from different cultures.				
3. I feel comfortable in foreign settings.				
4. My world view is broad.				
5. My own cultural values and perspectives are clear to me.				
6. I view myself as a global citizen.				
7. I feel like a leader among my friends.				
8. I have good interpersonal skills.				
9. I am adaptable to new surroundings.				
10. Studying abroad will enhance my resume and increase job opportunities.				
11. I feel independent and self-reliant.				
12. I am an adventurous person.				

Thank you for your time and input!

A post-survey will be sent via e-mail after your Study Abroad trip.

Study Abroad Post-Survey, 2016



Student ID# (beginning with "T" plus 8 digits)

[ID is required in order to match pre- and post-surveys]

Click to write the question text

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1. I feel comfortable traveling internationally.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. I am at ease with persons from different cultures.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. I feel comfortable in foreign settings.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. My world view is broad.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. My own cultural values and perspectives are clear to me.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. I view myself as a global citizen.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7. I feel like a leader among my friends.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8. I have good interpersonal skills.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9. I am adaptable to new surroundings.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10. Studying abroad will enhance my resume and increase job opportunities.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11. I feel independent and self-reliant.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
12. I am an adventurous person.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Since participating in my Study Abroad trip, I have a desire to travel to other international destinations.

Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Since participating in my Study Abroad trip, I have a desire to be more involved in community or civic activities.

Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

LAST QUESTION: Please list some examples of involvement or volunteering in any area of community or civic activity that may interest you.