

Table 1

Results of Multicultural Knowledge and Awareness Before and After the Study Abroad Experience, 2012-2013

	Retrospective Pretest Mean Score (SD)	Posttest Mean Score (SD)	Mean Change (SD)	<i>t</i>	<i>p</i>	Cohen's d (Effect Size (<i>r</i>))
Germany Study Abroad, 2012 (<i>N</i> =8) Germany Study Abroad, 2013 (<i>N</i> =12)						
1. I believe all individuals should maintain eye contact during a conversation. (Reverse Scored)	3.75 (2.49)	5.63 (1.60)	1.88 (2.10)	2.53	.040*	.90 (.41)
2. I check up on my minority/cultural interaction skills by monitoring my functioning – via consultation, self-reflection, and continuing education.	2.88 (.99) 3.50 (1.98)	4.87 (.99) 5.92 (1.31)	2.00 (1.07) 2.41 (1.56)	5.29 5.35	.001*** .000***	2.01 (.71) 1.44 (.58)
3. I am aware that some minority individuals receive “less preferred” treatment than majority individuals.	4.75 (1.58) 5.25 (1.22)	6.00 (1.51) 6.58 (.67)	1.25 (1.17) 1.33 (1.15)	3.04 4.00	.019** .002**	.81 (.37) 1.35 (.56)
4. I think that individuals who do not discuss intimate aspects of their lives are being resistant and defensive. (Reverse Scored)	4.88 (1.46) 5.17 (1.95)	6.63 (.52) 6.08 (1.78)	1.75 (1.28) .92 (1.24)	3.86 2.56	.006** .03*	1.60 (.62) .49 (.24)
5. I am aware of certain interaction skills that are more likely to transcend culture and be effective with any individuals.	3.43 (1.27) 3.83 (1.11)	5.29 (1.25) 5.83 (.72)	1.86 (1.07) 2.00 (1.04)	4.60 6.63	.004** .000***	1.48 (.59) 2.14 (.73)
6. I am familiar with the “culturally deficient” and “culturally deprived” depictions of minority customs and understand how these labels serve to foster and perpetuate discrimination.	3.50 (1.41) 3.58 (1.51)	5.25 (1.28) 6.00 (.60)	1.75 (1.16) 2.42 (1.44)	4.25 5.80	.004** .000***	1.30 (.54) 2.11 (.73)
7. I feel all the recent attention directed toward multicultural issues in interaction is overdone and not really warranted. (Reverse Scored)	4.38 (1.19) 5.08 (1.31)	6.13 (.99) 5.92 (1.31)	1.75 (1.28) .83 (1.19)	3.86 2.42	.006** .03*	1.60 (.62) .64 (.31)
9. I am aware some research indicates that minority individuals are more likely to be diagnosed with learning disabilities/behavior problems/mental illnesses than are majority individuals.	2.75 (1.28)	4.88 (1.64)	2.13 (1.89)	3.19	.015*	1.45 (.59)
12. I am aware of the differential interpretations of nonverbal communication (e.g., personal space, eye contact, handshakes) within various racial/ethnic groups.	3.91 (1.73)	6.00 (.85)	2.08 (1.92)	3.74	.003**	1.53 (.61)
13. I understand the impact and operations of oppression and the racist concepts that have permeated society.	4.38 (1.19) 3.92 (1.62)	5.63 (1.19) 6.08 (.67)	1.25 (.46) 2.17 (1.64)	7.64	.000*** .001***	1.06 (.46) 1.74 (.66)

14. I realize that communication differences in interactions with others may reduce communication effectiveness.	5.25 (.89) 5.08 (1.78)	6.38 (.74) 6.08 (.90)	1.13 (.83) 1.00 (2.13)	3.81 1.63	.007** .043*	1.38 (.57) .71 (.33)
15. I am aware that some racial/ethnic minorities see the profession of education/psychology functioning to maintain and promote the status and power of the White Establishment.	2.88 (1.13) 2.91 (1.38)	4.50 (1.93) 5.92 (.90)	1.63 (1.41) 3.00 (2.09)	3.27 4.98	.014* .000***	1.02 (.46) 2.58 (.79)
16. I am knowledgeable of acculturation models for various ethnic minority groups.	3.13 (1.13) 2.83 (1.70)	4.38 (1.69) 4.50 (1.78)	1.25 (.89) 1.67 (1.78)	3.99 3.25	.005** .008**	.87 (.40) .96 (.43)
17. I have an understanding of the role culture and racism play in the development of identity and worldviews among minority groups.	4.38 (.92) 4.33 (1.67)	5.88 (.99) 6.25 (.62)	1.50 (1.07) 1.92 (1.68)	3.97 3.96	.005** .002**	.157 (.61) 1.52 (.61)
19. I am aware of culture-specific models of interaction for various racial/ethnic groups.	3.38 (1.06) 3.17 (1.34)	5.00 (1.85) 5.08 (1.78)	1.63 (.92) 1.92 (1.56)	5.02 4.24	.002** .001***	1.07 (.47) 1.21 (.52)
21. I am aware of both the initial barriers and the benefits related to the cross-cultural interactions.	3.75 (1.16) 3.50 (2.15)	5.38 (1.06) 5.92 (1.08)	1.63 (1.06) 2.42 (1.78)	4.33 4.70	.003** .001***	1.47 (.59) 1.42 (.58)
22. I am comfortable with differences that exist between me and others in terms of race and beliefs.	4.38 (1.41) 5.50 (1.57)	5.63 (1.06) 6.60 (.90)	1.25 (1.16) 1.00 (1.21)	3.04 2.87	.019* .015*	1.00 (.45) .86 (.39)
23. I am aware of barriers which may inhibit minorities from pursuing education or using mental health services.	4.50 (1.20) 4.08 (1.62)	6.25 (.87) 5.83 (1.11)	1.75 (1.16) 1.75 (1.66)	4.25 3.66	.004** .004**	1.67 (.64) 1.26 (.53)
25. I am aware that being born a White person in this society carries with it certain advantages.	4.38 (1.92) 5.08 (1.00)	5.88 (1.89) 6.33 (.78)	1.50 (1.69) 1.25 (.97)	2.51 4.49	.040* .001***	.79 (.37) 1.39 (.57)
26. I am aware that being born a minority in this society brings with it certain challenges that White people do not have to face.	4.38 (1.69) 5.08 (1.16)	5.88 (1.55) 6.58 (.67)	1.50 (1.69) 1.50 (.90)	2.51 5.75	.040* .000***	.93 (.42) 1.58 (.62)

* $p < .05$; ** $p < .01$; *** $p < .001$

Source: Ponterotto, J.G. (1997). *Multicultural interaction knowledge and awareness scale* (MCKAS). Used with Permission.