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Supplementary Materials for

A randomized controlled trial of an intervention to increase cultural diversity awareness of research mentors of undergraduate students

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This PDF file includes:

Tables S1 and S2 Fig. S1

	Comparison					Experimental						
-	Pre		Post				Pre	Post				
-	Ν	Mean (SD)	Ν	Mean (SD)	Ζ	Effect Size (r)	Ν	Mean (SD)	Ν	Mean (SD)	Ζ	Effect Size (r)
CDA Attitudes	84	3.47 (.691)	63	3.77 (.567)	-4.21**	.530	108	3.39 (.735)	80	3.88 (.737)	-5.36**	.599
CDA Confidence	84	3.13 (.961)	62	3.84 (.700)	-5.83**	.740	109	3.10 (.869)	80	3.81 (.619)	-5.70**	.637
Mentoring Skills (MCA)	62	4.49 (.793)	62	5.43 (.694)	-6.62**	.841	84	4.43 (.836)	84	5.33 (.832)	-7.77**	.848
Mentoring Self- Efficacy	62	4.53 (1.02)	62	5.74 (.828)	-6.50**	.826	82	4.44 (1.06)	82	5.52 (1.08)	-6.83**	.754
Overall Mentoring Quality	61	4.64 (.797)	61	5.80 (.726)	-6.52**	.835	82	4.44 (.904)	82	5.51 (.906)	-7.60**	.839
CAM Skills	60	3.68 (1.33)	60	4.66 (1.17)	-6.17**	.797	80	3.47 (1.27)	80	4.65 (1.11)	-7.11**	.795

Table S1: Comparison of Study Outcomes Pre to Post (Gains Scores) by Treatment Group

3 Note. (1) Wilcoxon Signed-Rank Paired t-tests were used to test for difference in mean pre to post scores. **Significant at the .01 level. CDA =

4 Cultural Diversity Awareness; MCA = Mentoring Competency Assessment; CAM = Culturally Aware Mentoring.

5

	CDA Attitudes Gains	CDA Confidence Gains	CDA Behaviors	Mentoring Skills MCA Gains	Mentoring Self-Efficacy Gains	Overall Quality Gains	CAM Skill Gains
CDA Attitudes Gains Pearson Correlation Sig. (2-tailed)	1						
N	140						
CDA Confidence Gains Pearson							
Correlation	.248**	1					
Sig. (2-tailed)	0.003						
N	138	140					
CDA Behaviors Pearson							
Correlation	0.074	0.066	1				
Sig. (2-tailed)	0.382	0.436					
N	140	140	143				
Mentoring Skills MCA Gains Pearson							
Correlation	0.005	-0.013	0.006	1			
Sig. (2-tailed)	0.955	0.894	0.947				
N	113	114	115	146			
Mentoring Self- Efficacy Gains Pearson							
Correlation	-0.042	0.056	0.082	.613**	1		
Sig. (2-tailed)	0.663	0.558	0.388	0			
N	112	113	114	143	144		
Overall Quality Gains Pearson							
Correlation	-0.089	-0.041	0.137	.670**	.769**	1	
Sig. (2-tailed)	0.353	0.67	0.149	0	0		
N	111	112	113	142	143	143	
CAM Skill Gains							
Pearson Correlation	0.174	0.113	-0.165	.608**	.428**	.424**	1
Sig. (2-tailed)	0.071	0.113	0.084	.008 0	.420	.424	I
N	108	109	110	140	140	139	140

Table S2: Spearman Rank Correlations of Study Measures

** Correlation is significant at the 0.01 level (2-tailed).

Figure S1: *Study Timeline*

