

Supplemental Material

CBE—Life Sciences Education

Morales *et al.*

Appendix Table 1. The Correlation Matrix (N = 468)

	1	2	3	4	5	6	7	8	9	10	11	12
1. Faculty-student Collaborative Publications	-											
2. 1 Summer (or less)	-.209**	-										
3. 1 Year	-.145**	-.452**	-									
4. More than 1 Year	.377**	-.369**	-.614**	-								
5. Number of Undergraduates	.531**	-.272**	-.034	.320**	-							
6. Number of Graduate Students	.328**	-.074	-.015	.107*	.392**	-						
7. Formal Program	.180**	.022	-.117*	.146**	.261**	.067	-					
8. Mentoring Barriers: Time-consuming	-.012	.050	-.043	.003	.035	.056	-.012	-				
9. Mentoring Barriers: Low Quality	-.090	.064	.148**	-.202**	-.116*	-.054	-.059	.376**	-			
10. Mentoring Benefits: Teaching Research	.249**	-.152**	-.067	.206**	.267**	.142**	.066	.045	-.254**	-		
11. Mentoring Benefits: Receiving Help	.139**	-.215**	.051	.153**	.156**	-.031	.009	-.133**	-.323**	.242**	-	
12. Native American undergraduates	.215**	-.171**	-.038	.210**	.225**	.153**	.143**	.071	.005	.064	.114*	-
13. Hispanic undergraduates	.198**	-.139**	-.029	.173**	.330**	.148**	.267**	-.002	-.095*	.236**	.108*	.202**
14. Black Undergraduates	.299**	.085	-.118*	.065	.281**	.204**	.252**	.004	-.003	.100*	.051	.251**
15. Female Undergraduates	.186**	-.099*	-.029	.163**	.353**	.193**	.192**	.057	-.007	.133**	.100*	.149**
16. LGBT Undergraduates	.176**	-.122**	-.023	.142**	.272**	.114*	.091	.090	-.087	.171**	.101*	.190**
17. Disabled Undergraduates	.215**	-.082	.001	.073	.191**	.189**	.101*	.001	-.083	.119*	.086	.202**
18. Sex	-.078	-.030	.025	-.049	-.076	-.079	-.005	.144**	.006	.083	-.010	.042
19. Hispanic	-.030	-.143**	.027	.082	.021	.018	.019	-.004	-.103*	.131**	.040	.076
20. White	.092*	.063	.000	-.037	.112*	.124**	-.015	.049	.050	.029	-.021	-.020
21. Asian	-.100*	.046	.023	-.058	-.160**	-.138**	-.061	-.063	-.005	-.128**	.010	-.083
22. Other Race/Ethnicity	.008	.103*	-.092*	.017	-.025	-.117*	.059	-.014	.015	-.039	.001	.014
23. H Index Score	.257**	.226**	-.176**	.011	.085	.300**	.064	-.114*	.013	-.128**	-.148**	-.031
24. Years in HE	.284**	.071	-.086	.042	.158**	.390**	.051	-.019	.018	-.011	-.148**	.137**

25. NIH Funding	-.003	.323**	-.125**	-.137**	-.140**	-.050	.066	.065	.041	-.019	-.081	-.100*
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** p<0.001, * p<0.05

Appendix Table 1. The Correlation Matrix (N = 468) (Con.)

	13	14	15	16	17	18	19	20	21	22	23	24	25
13. Hispanic Undergraduates	-												
14. Black Undergraduates	.188**	-											
15. Female Undergraduates	.276**	.198**	-										
16. LGBT Undergraduates	.171**	.266**	.195**	-									
17. Disabled Undergraduates	.173**	.182**	.167**	.390**	-								
18. Sex	.098*	.032	.127**	.179**	.078	-							
19. Hispanic	.193**	-.118*	-.002	.075	.088	.023	-						
20. White	-.051	.149**	.035	.043	.004	.019	-.669**	-					
21. Asian	-.167**	-.129**	.006	-.148**	-.095*	-.058	-.198**	-.444**	-				
22. Other Race/Ethnicity	.056	.058	-.061	-.027	-.066	.007	-.096*	-.241**	-.073	-			
23. H Index Score	-.113*	.127**	.055	-.101*	.013	-.155**	-.157**	.193**	-.065	-.082	-		
24. Years in HE	.152**	.198**	.139**	.076	.147**	-.051	-.032	.176**	-.209**	-.046	.475**	-	
25. NIH Funding	-.044	.003	-.063	-.084	-.055	-.077	-.036	.031	.036	.004	.157**	-.032	-

** p<0.001, * p<0.05