

39 **S5 Table. Summary of standardized structural coefficients for social influence factors, social influence processes, and integration in the**
 40 **second-year of college (Model 8, N=751).**

Time	Predictors	T3 2 nd Year of College Outcomes						
		Persistence Intentions	Science Efficacy	Science Identity	Science Values	Mentor Network Diversity	Faculty Mentor Support	Research Experiences
T1 or Pre-college	Persistence Intentions	<u>.08</u>						
	Science Efficacy		<u>.19***</u>					
	Science Identity			<u>.22***</u>				
	Science Values				<u>.28***</u>			
	Mentor Network Diversity					<u>.16***</u>		
T2 or 1 st year of college	Persistence Intentions	<u>.42***</u>	.07**	.14***	.08***	.03	-.02	.10***
	Science Efficacy	-.09***	<u>.42***</u>			-.02	.07	-.04
	Science Identity	-.13***		<u>.36***</u>		.05	-.05	.12***
	Science Values	-.06*			<u>.36***</u>	-.01	.07	.02
	Mentor Network Diversity	.02	-.06*	-.03	-.03	<u>.35***</u>		
	Faculty Mentor Support	.05	-.03	-.04	-.05		<u>.25*</u>	
T3 or 2 nd year of college (Contemporaneous)	Research Experiences	.003	-.01	-.04	-.02			<u>.30***</u>
	Science Efficacy	.05*						
	Science Identity	.32***						
	Science Values	.19***						
	Mentor Network Diversity	.01	.07**	.06**	.05**			
	Faculty Mentor Support	-.01	.15***	.13***	.11**			
	Research Experiences	.04	.06**	.10***	.04			
<i>R</i> ²		.49	.36	.41	.38	.18	.08	.15

41 S5 Table Note: All standardized structural coefficients ascertained from STDXY in Mplus as all variables were continuous. Underlined values
 42 represent stability coefficients, coefficients in standard text associated with predictors from the pre-college are first-order cross-lagged
 43 coefficients, and coefficients associated with predictors from the 1st year of college are contemporaneous. The B-H FDR procedure was used to
 44 determine the statistical significance of all unstandardized coefficients. Based on the FDR procedure, all *p*-values less than .023 for unstandardized
 45 coefficients are reported statistically significant.

46 **p*≤.023, ***p*≤.01, ****p*≤.001

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