

49 **S6 Table. Summary of standardized structural coefficients for social influence factors, social influence processes, and integration in the**
 50 **third-year of college (Model 8, N=751).**

Time	Predictors	T4 3 rd 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>.13**</u>						
	Science Efficacy		<u>.17***</u>					
	Science Identity			<u>.01</u>				
	Science Values				<u>.04</u>			
	Mentor Network Diversity					<u>.08</u>		
T2 1 st year of college	Persistence Intentions	<u>.15***</u>						
	Science Efficacy		<u>.19***</u>					
	Science Identity			<u>.29***</u>				
	Science Values				<u>.27***</u>			
	Mentor Network Diversity					<u>.10*</u>		
	Faculty Mentor Support						<u>-.05</u>	
	Research Experiences							<u>.07</u>
T3 2 nd year of college	Persistence Intentions	<u>.38***</u>	<u>.07***</u>	<u>.14***</u>	<u>.11***</u>	.03	-.02	<u>.08***</u>
	Science Efficacy	<u>-.08***</u>	<u>.27***</u>			-.02	.06	-.03
	Science Identity	<u>-.13***</u>		<u>.30***</u>		.05	-.05	<u>.11***</u>
	Science Values	<u>-.06*</u>			<u>.27***</u>	-.01	.06	.02
	Mentor Network Diversity	.02	-.06*	-.03	-.05	<u>.41***</u>		
	Faculty Mentor Support	.05	-.03	-.03	-.07		<u>.55***</u>	
	Research Experiences	.003	-.02	-.05	-.03			<u>.58***</u>
T4 3 rd year of college (Contemporaneous)	Science Efficacy	.05*						
	Science Identity	.34***						
	Science Values	.13***						
	Mentor Network Diversity	.01	.07**	.06**	.08**			
	Faculty Mentor Support	-.01	.15***	.12***	.15**			
	Research Experiences	.05	.08**	.11***	.07			
	<i>R</i> ²		.59	.33	.44	.35	.25	.32

51 S6 Table Note: All standardized structural coefficients ascertained from STDXY in Mplus as all variables were continuous. Underlined values
 52 represent stability coefficients, coefficients in standard text associated with predictors from the pre-college are first-order cross-lagged
 53 coefficients, and coefficients associated with predictors from the 1st year of college are contemporaneous. The B-H FDR procedure was used to
 54 determine the statistical significance of all unstandardized coefficients. Based on the FDR procedure, all *p*-values less than .023 for unstandardized
 55 coefficients are reported statistically significant.

56 * $p \leq .023$, ** $p \leq .01$, *** $p \leq .001$
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