

60 **S7 Table. Summary of standardized structural coefficients for social influence factors, social influence processes, and integration in the**
 61 **fourth-year of college (Model 8, N=751).**

<i>Time</i>	<i>Predictors</i>	<i>T5 4th Year of College Outcomes</i>						
		<i>Persistence Intentions</i>	<i>Science Efficacy</i>	<i>Science Identity</i>	<i>Science Values</i>	<i>Mentor Network Diversity</i>	<i>Faculty Mentor Support</i>	<i>Research Experiences</i>
T1 Pre-college	Persistence Intentions	<u>-.01</u>						
	Science Efficacy		<u>.11*</u>					
	Science Identity			<u>.04</u>				
	Science Values				<u>.03</u>			
	Mentor Network Diversity					<u>.12**</u>		
T2 1 st year of college	Persistence Intentions	<u>.05</u>						
	Science Efficacy		<u>-.001</u>					
	Science Identity			<u>.23***</u>				
	Science Values				<u>.18**</u>			
	Mentor Network Diversity					<u>.11*</u>		
T3 2 nd year of college	Faculty Mentor Support						<u>.03</u>	
	Research Experiences							<u>-.02</u>
	Persistence Intentions	<u>.20***</u>						
	Science Efficacy		<u>.26***</u>					
	Science Identity			<u>.14**</u>				
T4 3 rd year of college	Science Values				<u>.15**</u>			
	Mentor Network Diversity					<u>.10</u>		
	Faculty Mentor Support						<u>.12</u>	
	Research Experiences							<u>.13**</u>
	Persistence Intentions	<u>.36***</u>	<u>.07**</u>	<u>.13***</u>	<u>.08***</u>	.03	-.02	<u>.07***</u>
T5 4 th year of college (Contemporaneous)	Science Efficacy	<u>-.08***</u>	<u>.26***</u>			-.02	.06	-.03
	Science Identity	<u>-.13***</u>		<u>.23***</u>		.05	-.05	<u>.10***</u>
	Science Values	<u>-.04*</u>			<u>.11</u>	-.01	.04	.01
	Mentor Network Diversity	.02	-.06*	-.03	-.04	<u>.36***</u>		
	Faculty Mentor Support	.05	-.03	-.03	-.05		<u>.35***</u>	
T5 4 th year of college (Contemporaneous)	Research Experiences	.004	-.02	-.06	-.03			<u>.46***</u>
	Science Efficacy	.05*						
	Science Identity	<u>.33***</u>						
	Science Values	<u>.17***</u>						
	Mentor Network Diversity	.01	<u>.07**</u>	<u>.06**</u>	<u>.06**</u>			
Faculty Mentor Support	-.01	<u>.15***</u>	<u>.12***</u>	<u>.12**</u>				
Research Experiences	.05	<u>.08**</u>	<u>.12***</u>	<u>.06</u>				

<i>Time</i>	<i>Predictors</i>	<i>T5 4th Year of College Outcomes</i>						
		<i>Persistence Intentions</i>	<i>Science Efficacy</i>	<i>Science Identity</i>	<i>Science Values</i>	<i>Mentor Network Diversity</i>	<i>Faculty Mentor Support</i>	<i>Research Experiences</i>
<i>R²</i>		.58	.34	.43	.21	.28	.20	.37

62 S7 Table Note: All standardized structural coefficients ascertained from STDXY in Mplus as all variables were continuous. Underlined values
 63 represent stability coefficients, coefficients in standard text associated with predictors from the pre-college are first-order cross-lagged
 64 coefficients, and coefficients associated with predictors from the 1st year of college are contemporaneous. The B-H FDR procedure was used to
 65 determine the statistical significance of all unstandardized coefficients. Based on the FDR procedure, all *p*-values less than .023 for unstandardized
 66 coefficients are reported statistically significant.
 67 **p*≤.023, ***p*≤.01, ****p*≤.001
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