

# Supplemental Material

*CBE—Life Sciences Education*

Weatherton *et al.*

**Table S1:** Participant demographics (N=492)

Demographic Characteristic		Number of participants	Percentage
<i>Year in program</i>	1 <sup>st</sup>	110	22.36%
	2 <sup>nd</sup>	118	23.98%
	3 <sup>rd</sup>	93	18.90%
	4 <sup>th</sup>	82	16.67%
	5 <sup>th</sup>	52	10.57%
	6 <sup>th</sup>	27	5.49%
	7 <sup>th</sup>	6	1.22%
	8+	4	0.81%
<i>Gender identity</i>	Woman	348	70.73%
	Man	124	25.20%
	Gender non-conforming	20	4.07%
<i>College generation status</i>	Continuing generation	234	47.56%
	First generation	251	51.02%
	Prefer not to answer	7	1.42%
<i>Racial identity</i>	White	350	71.14%
	Nonwhite	142	28.86%

**Table S2:** List of 34 resources provided to survey participants

Advisor
University courses
Online academic journals
Departmental faculty
Friends
Electronic resources
Other graduate students
Lab mates
Academic stipend
Departmental seminars
Research collaborators
University library
Conferences
Family members
Significant other
Grants
University health center
University-provided research facilities
Departmental administrators
Social media
Departmental graduate student association

*Student perceptions of resource value – Supplementary Material*  
*Weatherton, Schussler, & Von der Mehden*

Previous mentors
University-sponsored events
Therapist or other mental health counseling
University gym
Travel funds
University sponsored workshops
University transit system
Special interest student organizations
University writing center
Alumni network
University career center
Publishing funds
International student center

*Table S3:* Number of participants within each demographic category that selected a resource as one of their top three ‘most important’.

<b>RESOURCE</b>	<b>n</b>	<b>COLLEGE GENERATION STATUS</b>	<b>GENDER</b>	<b>YEAR</b>	<b>RACE</b>
Advisor	94				Nonwhite
Academic stipend	74				Nonwhite
Significant other	38				Nonwhite
Lab mates	31				Nonwhite
Friends	25				Nonwhite
Online academic journals	22				Nonwhite
University courses	16				Nonwhite
Electronic resources	14				Nonwhite
Other graduate students	14				Nonwhite
Family members	13				Nonwhite
Therapist or other mental health counseling	11				Nonwhite

*Student perceptions of resource value – Supplementary Material*  
*Weatherton, Schussler, & Von der Mehden*

Departmental faculty	9				Nonwhite
University health center	7				Nonwhite
Grants	6				Nonwhite
Research collaborators	6				Nonwhite
University gym	5				Nonwhite
University-provided research facilities	5				Nonwhite
University library	4				Nonwhite
Departmental administrators	3				Nonwhite
Special interest student organizations	3				Nonwhite
University transit system	3				Nonwhite
Conferences	2				Nonwhite
Previous mentors	2				Nonwhite
Departmental seminars	1				Nonwhite
University career center	1				Nonwhite
Advisor	239				White
Academic stipend	205				White
Significant other	83				White
Online academic journals	78				White
Lab mates	65				White
Friends	57				White

*Student perceptions of resource value – Supplementary Material*  
*Weatherton, Schussler, & Von der Mehden*

Other graduate students	56				White
Electronic resources	54				White
Therapist or other mental health counseling	34				White
Family members	32				White
Research collaborators	30				White
University-provided research facilities	29				White
University courses	23				White
Grants	21				White
University health center	13				White
Departmental faculty	12				White
Previous mentors	6				White
University library	6				White
University gym	5				White
Conferences	4				White
Travel funds	4				White
University transit system	2				White
University writing center	2				White
Alumni network	1				White

*Student perceptions of resource value – Supplementary Material*  
*Weatherton, Schussler, & Von der Mehden*

Departmental graduate student association	1				White
Social media	1				White
University sponsored workshops	1				White
Advisor	163	Continuing generation			
Academic stipend	129	Continuing generation			
Significant other	53	Continuing generation			
Lab mates	48	Continuing generation			
Online academic journals	46	Continuing generation			
Friends	40	Continuing generation			
Electronic resources	33	Continuing generation			
Family members	25	Continuing generation			
Other graduate students	25	Continuing generation			
University courses	18	Continuing generation			
University-provided research facilities	18	Continuing generation			
Therapist or other mental health counseling	16	Continuing generation			
Grants	14	Continuing generation			

*Student perceptions of resource value – Supplementary Material*  
*Weatherton, Schussler, & Von der Mehden*

Research collaborators	13	Continuing generation			
Departmental faculty	11	Continuing generation			
University library	6	Continuing generation			
University gym	5	Continuing generation			
Previous mentors	4	Continuing generation			
University health center	4	Continuing generation			
Conferences	3	Continuing generation			
Special interest student organizations	3	Continuing generation			
Alumni network	1	Continuing generation			
Departmental administrators	1	Continuing generation			
Departmental graduate student association	1	Continuing generation			
Departmental seminars	1	Continuing generation			
Travel funds	1	Continuing generation			
University sponsored workshops	1	Continuing generation			
University transit system	1	Continuing generation			
Advisor	163	First generation			
Academic stipend	146	First generation			

*Student perceptions of resource value – Supplementary Material*  
*Weatherton, Schussler, & Von der Mehden*

Significant other	65	First generation			
Online academic journals	53	First generation			
Lab mates	46	First generation			
Other graduate students	45	First generation			
Friends	41	First generation			
Electronic resources	35	First generation			
Therapist or other mental health counseling	29	First generation			
Research collaborators	22	First generation			
University courses	21	First generation			
Family members	19	First generation			
University health center	16	First generation			
University-provided research facilities	15	First generation			
Grants	11	First generation			
Departmental faculty	10	First generation			
University gym	5	First generation			
Previous mentors	4	First generation			
University transit system	4	First generation			



*Student perceptions of resource value – Supplementary Material*  
*Weatherton, Schussler, & Von der Mehden*

Conferences	3	First generation			
Travel funds	3	First generation			
University library	3	First generation			
Departmental administrators	2	First generation			
University writing center	2	First generation			
Social media	1	First generation			
University career center	1	First generation			
Academic stipend	2		Agender		
Special interest student organizations	2		Agender		
Electronic resources	1		Agender		
Friends	1		Agender		
Online academic journals	1		Agender		
Previous mentors	1		Agender		
Significant other	1		Agender		
Advisor	235		Women		
Academic stipend	202		Women		
Significant other	96		Women		
Online academic journals	72		Women		
Lab mates	68		Women		
Friends	58		Women		

*Student perceptions of resource value – Supplementary Material*  
*Weatherton, Schussler, & Von der Mehden*

Electronic resources	47		Women		
Other graduate students	47		Women		
Therapist or other mental health counseling	38		Women		
Family members	36		Women		
Research collaborators	23		Women		
University courses	22		Women		
Grants	20		Women		
University-provided research facilities	18		Women		
Departmental faculty	16		Women		
University health center	11		Women		
University library	8		Women		
Conferences	4		Women		
Travel funds	4		Women		
University gym	4		Women		
University transit system	4		Women		
Departmental administrators	2		Women		
Previous mentors	2		Women		
University writing center	2		Women		
Alumni network	1		Women		

*Student perceptions of resource value – Supplementary Material*  
*Weatherton, Schussler, & Von der Mehden*

Departmental graduate student association	1		Women		
Departmental seminars	1		Women		
Social media	1		Women		
Special interest student organizations	1		Women		
University career center	1		Women		
University sponsored workshops	1		Women		
Advisor	15		Gender queer		
Academic stipend	14		Gender queer		
Lab mates	6		Gender queer		
Significant other	6		Gender queer		
Other graduate students	3		Gender queer		
Therapist or other mental health counseling	3		Gender queer		
Electronic resources	2		Gender queer		
Friends	2		Gender queer		
Online academic journals	2		Gender queer		
University health center	2		Gender queer		
Departmental faculty	1		Gender queer		
Grants	1		Gender queer		

*Student perceptions of resource value – Supplementary Material*  
*Weatherton, Schussler, & Von der Mehden*

Previous mentors	1		Gender queer		
University courses	1		Gender queer		
University-provided research facilities	1		Gender queer		
Advisor	83		Men		
Academic stipend	61		Men		
Online academic journals	25		Men		
Lab mates	22		Men		
Friends	21		Men		
Other graduate students	20		Men		
Electronic resources	18		Men		
Significant other	18		Men		
University courses	16		Men		
University-provided research facilities	15		Men		
Research collaborators	13		Men		
Family members	9		Men		
University health center	7		Men		
Grants	6		Men		
University gym	6		Men		
Departmental faculty	4		Men		

*Student perceptions of resource value – Supplementary Material*  
*Weatherton, Schussler, & Von der Mehden*

Previous mentors	4		Men		
Therapist or other mental health counseling	4		Men		
Conferences	2		Men		
University library	2		Men		
Departmental administrators	1		Men		
University transit system	1		Men		
Advisor	154			Years 1-2	
Academic stipend	126			Years 1-2	
Significant other	55			Years 1-2	
Other graduate students	46			Years 1-2	
Online academic journals	42			Years 1-2	
Lab mates	39			Years 1-2	
Friends	36			Years 1-2	
University courses	30			Years 1-2	
Electronic resources	27			Years 1-2	
Family members	22			Years 1-2	
Therapist or other mental health counseling	19			Years 1-2	
University-provided research facilities	14			Years 1-2	

*Student perceptions of resource value – Supplementary Material*  
*Weatherton, Schussler, & Von der Mehden*

Departmental faculty	13			Years 1-2	
Research collaborators	10			Years 1-2	
University health center	10			Years 1-2	
Grants	7			Years 1-2	
University gym	6			Years 1-2	
University library	6			Years 1-2	
Previous mentors	4			Years 1-2	
Special interest student organizations	3			Years 1-2	
University transit system	3			Years 1-2	
Departmental administrators	2			Years 1-2	
Alumni network	1			Years 1-2	
Departmental graduate student association	1			Years 1-2	
University career center	1			Years 1-2	
Advisor	179			Years 3+	
Academic stipend	153			Years 3+	
Significant other	66			Years 3+	
Online academic journals	58			Years 3+	
Lab mates	57			Years 3+	
Friends	46			Years 3+	
Electronic resources	41			Years 3+	

*Student perceptions of resource value – Supplementary Material*  
*Weatherton, Schussler, & Von der Mehden*

Research collaborators	26			Years 3+	
Therapist or other mental health counseling	26			Years 3+	
Other graduate students	24			Years 3+	
Family members	23			Years 3+	
Grants	20			Years 3+	
University-provided research facilities	20			Years 3+	
University health center	10			Years 3+	
University courses	9			Years 3+	
Departmental faculty	8			Years 3+	
Conferences	6			Years 3+	
Previous mentors	4			Years 3+	
Travel funds	4			Years 3+	
University gym	4			Years 3+	
University library	4			Years 3+	
University transit system	2			Years 3+	
University writing center	2			Years 3+	
Departmental administrators	1			Years 3+	
Departmental seminars	1			Years 3+	
Social media	1			Years 3+	

*Student perceptions of resource value – Supplementary Material*  
*Weatherton, Schussler, & Von der Mehden*

University sponsored workshops	1			Years 3+	
--------------------------------	---	--	--	----------	--