

Supplemental Material

CBE—Life Sciences Education

Ainscough *et al.*

Supplementary table: All study variables within high and low achieving groups for students who were not confident or confident when responding to item #8 on the Biology Self-Efficacy Scale “How confident are you that you will achieve a high grade (6 or above) in this biology course?” High achievers received a grade of 6 or 7 and low achievers received a failing grade (grades 1, 2 or 3).

	High achieving			Low achieving		
	All high achieving % (n)	Confident ⁺ % (n)	Not confident [#] % (n)	All low achieving % (n)	Confident ⁺ % (n)	Not confident [#] % (n)
All students		76% 135	24% (43)		40% (57)	60% (84)
Gender						
Male	39% (69)	44% (60)	21% (9)	40% (56)	47% (27)	35% (29)
Female	61% (109)	56% (75)	79% (34)	60% (85)	53% (30)	65% (55)
Degree						
Science & science related degrees	52% (92)	59% (79)	30% (13)	3% (4)	5% (3)	1% (1)
Dentistry	17% (31)	18% (24)	16%(7)	1% (1)	2% (1)	0% (0)
Human movement studies	11% (20)	7% (10)	23% (10)	69% (97)	61% (35)	74% (62)
Pharmacy	20% (35)	16% (22)	30% (13)	27% (39)	32% (18)	25%(21)
High school biology						
Yes	57% (101)	56% (75)	63% (26)	70% (94)	69% (35)	71% (59)
No	43% (75)	44% (60)	37% (15)	30% (40)	31% (16)	29% (24)
High school chemistry						
Yes	93% (164)	94% (125)	91% (39)	57% (79)	66% (37)	51% (42)
No	7% (12)	6% (8)	9% (4)	43% (60)	34% (19)	49% (41)

[†] Confident students responded as fairly confident (3), very confident (4) or totally confident (5) on the Likert scale in response to item #8 on the Biology Self-Efficacy Scale.

[#] Not confident students responded as not at all confident (1) or only a little confident (2) on the Likert scale in response to item #8 on the Biology Self-Efficacy Scale.