

# Appendices

## APPENDIX 1. OUR SURVEY AS ADMINISTERED TO OUR RESPONDENTS.

### TA Self-assessment Survey

By completing this survey it is understood that you have given consent that your responses can be used in research analyses, and presentations of it in aggregate form, at conferences and/or in publications. You can read the full consent form and keep it for your records at (we gave the URL for the consent form)

#### *I. Your experience with TAing and training:*

1. I have TAed this course

Not yet: But soon!

Yes: Please say how many terms.

2. I will TA this course in the future

No, because I have graduated

No, because I am focusing on finishing my graduate work

No, because my supervisor does not wish me to TA again

No, for another reason (describe)

Yes, I have been hired to do so

3. Prior to TAing this course, I TAed other courses

No

Yes. How many terms? Describe the variety (and institutions) of your TA experience

4. Prior to TAing this course, I had experience in teaching and/or facilitating (not including other TA positions)

No

Yes. Please list them (e.g. Let's Talk Science)

5. Prior to TAing this course, I took part in TA training

No

Yes. Please list the type of training (e.g. BioTAP, ISW, other)

#### *II. Your experience in the classroom and working with students:*

Note: in the questions below, by 'class' we mean one 50-minute block (where there are 3 x 50 min blocks each week, generally) that students attend

6. I have led complete classes on my own (with or without the instructor present)

	Never		A few times		Many times
NA	1	2	3	4	5

7. I have led portions of a class in collaboration with an instructor

	Never		A few times		Many times
NA	1	2	3	4	5

8. I feel comfortable adjusting lessons ahead of time based on what I think will work best

	Strongly disagree				Strongly agree
NA	1	2	3	4	5

9. I adjust lessons 'on the fly' in the classroom based on what is happening

	Never		A few times		Many times
NA	1	2	3	4	5

10. I am confident in being able to integrate and highlight specific goals and objectives in class

	Strongly disagree				Strongly agree
NA	1	2	3	4	5

11. I use a variety of techniques to promote active learning

	Strongly disagree				Strongly agree
NA	1	2	3	4	5

If appropriate, please list some examples.

12. I seek out diverse opinions and experiences to engage all students in the class

	Never		A few times		Many times
NA	1	2	3	4	5

13. I know how to provide constructive feedback to students on assignments

	Strongly disagree				Strongly agree
NA	1	2	3	4	5

14. I encourage students to take responsibility for their own learning

	Strongly disagree				Strongly agree
NA	1	2	3	4	5

15. I know where to find additional resources (outside of class material) for students when they seek assistance from me

	Strongly disagree				Strongly agree
NA	1	2	3	4	5

If applicable, list some examples.

16. I know assessment techniques to see if students are meeting stated learning course objectives  
 No  
 Yes. Please list some examples

*III. Your experience working with an instructional team:*

17. I identify and convey potential problems or learning issues within a class to the instructor

	Never		A few times		Many times
NA	1	2	3	4	5

18. I feel comfortable giving feedback to an instructor about their teaching

	Strongly disagree				Strongly agree
NA	1	2	3	4	5

19. When TAing for more than one instructor, I am able to identify elements of a class that can be improved between sections and communicate this to the instructor(s)

	Strongly disagree				Strongly agree
NA	1	2	3	4	5

20. I know what to ask of a mentor to help me

	Strongly disagree				Strongly agree
NA	1	2	3	4	5

21. I incorporate input from a mentor in my teaching

	Never		A few times		Many times
NA	1	2	3	4	5

22. I discuss issues related to TA roles with fellow TAs

	Never		A few times		Many times
NA	1	2	3	4	5

23. I have helped a fellow TA with a challenge they are facing

	Never		A few times		Many times
NA	1	2	3	4	5

If a few times or many times, please provide examples

24. Teaching with members of other disciplines helps me reflect on my techniques and classroom approaches

	Strongly disagree				Strongly agree
NA	1	2	3	4	5

*IV. Your experience with other aspects:*

25a. I have written a personal teaching philosophy statement

No  
 Yes



## APPENDIX 2. REFERENCES SUPPORTING RELEVANT QUESTIONS IN THE SURVEY.

Questions	References
3, 4, 5	(Prieto & Altmaier, 1994), (Boman, 2013)
6, 8	(Boman, 2008)
7	(Knotts, Henderson, Davidson, & Swain, 2009)
9	(Murray, 1983), (Boman, 2008)
10	(Weber, Gabbert, Kropp, & Pynes, 2007), (Rosales, Spracklin-Reid, & Caines, 2013)
11	(Murray, 1983), (Boman, 2008), (Young & Bippus, 2008), (Fay et al., 2015)
12	(Murray, 1983), (Boman, 2008), (DeChenne et al., 2012), (Rosales et al., 2013), (Fay et al., 2015)
13	(Boman, 2008), (Young & Bippus, 2008), (Fay et al., 2015)
14	(Weber et al., 2007), (Knotts et al., 2009), (Rosales et al., 2013)
16	(Boman, 2008), (Young & Bippus, 2008)
17	(Young & Bippus, 2008), (DeChenne et al., 2012), (Fay et al., 2015)
18	(Knotts et al., 2009), (Gardner & Jones, 2011)
19, 24	(Knotts et al., 2009)
20	(Knotts et al., 2009), (Gardner & Jones, 2011), (Fay et al., 2015)
21	(Jones, 1993), (Knotts et al., 2009), (Gardner & Jones, 2011), (Fay et al., 2015)
22	(Staton & Darling, 1989), (Luft, Kurdziel, Roehrig, & Turner, 2004), (Seymour, 2005), (McKeachie & Svinicki, 2013), (Gardner & Jones, 2011), (Lockwood, Miller, & Cromie, 2014)
23	(Alleman, Cochran, Doverspike, & Newman, 1984), (Staton & Darling, 1989), (Luft et al., 2004), (Seymour, 2005), (McKeachie & Svinicki, 2013), (Gardner & Jones, 2011)
25	(Weber et al., 2007), (Boman, 2008), (Young & Bippus, 2008)
28	(Nyquist, Abbott, & Wulff, 1989), (Weber et al., 2007), (Fay et al., 2015)
30	(Rosales et al., 2013)