APPENDIX A

Online Survey

Aloha! My name is Beth Tillinghast, and I am inviting you to take part in a research study. I am a PhD student at the University of Hawai‘i at Mānoa (UHM) in the Learning Design and Technology Department as well as a UHM Librarian working in the area of Scholarly Communication. As part of the requirements for earning my graduate degree, I am conducting research in the area of Open Educational Resources (OER).

What am I being asked to do? If you agree to participate in this project, you will be asked to fill out an online survey.

Taking part in this study is your choice. Your participation in this project is completely voluntary. You may stop participating at any time. If you stop being in the study, there will be no penalty or loss to you. Your choice to participate or not to participate will not affect you.

Why is this study being done? The purpose of this project is to understand the various factors that have motivated faculty to adopt OER and possibly to apply OER-Enabled Pedagogy in their instruction. A number of studies have been conducted of faculty who might be thinking about adopting OER, but very little research has been conducted in regard to faculty who have actually already adopted OER and who are using it in their instruction. I am asking you to participate because you have been identified by one of your colleagues at your institution as someone who has adopted and is using OER.

What will happen if I decide to take part in this study? The survey will consist of around 30 multiple choice and open-ended questions. It will take approximately 15 minutes to complete. The survey questions will include questions like, "What type of OER have you used in your classes?" or "Have you applied Open Pedagogy in your classes?" The survey is connected to this consent form. By reading this form and moving on to the survey portion, you are acknowledging consent to participate.

What are the risks and benefits of taking part in this study? I believe there is little risk to you for participating in this research project. You may become stressed or uncomfortable answering any of the survey questions. If you do become stressed or uncomfortable, you can skip the question or take a break. You can also stop taking the survey, or you can withdraw from the project altogether.

There will be no direct benefit to you for participating in this survey. The results of this project may help to inform and possible promote further OER and OP development.
Confidentiality and Privacy: You will not have to provide any personal information, such as your name or email address. You will be invited, but not required, to contact me through my email address provided at the end of the survey if you would like to be contacted for a follow-up interview as part of the research project.

I will keep all study data secure in a locked filing cabinet in a locked office/encrypted on a password protected computer. Only my University of Hawai‘i advisor and I will have access to the information. Other agencies that have legal permission have the right to review research records. The University of Hawai‘i Human Studies Program has the right to review research records for this study.

Compensation: There will be no direct compensation for participation in this survey research.

Future Research Studies: Identifiers will be removed from your identifiable private information and after removal of identifiers, the data may be used for future research studies or distributed to another investigator for future research studies. We will not seek further approval from you for these future studies.

Questions: If you have any questions about this study, email me at [betht@hawaii.edu]. You may also contact my faculty advisor, Dr. Christine Sorensen, at [sorens@hawaii.edu]. You may contact the UH Human Studies Program at 808.956.5007 or uhirb@hawaii.edu to discuss problems, concerns and questions, obtain information, or offer input with an informed individual who is unaffiliated with the specific research protocol. Please visit http://go.hawaii.edu/jRd for more information on your rights as a research participant.

To Access the Survey: Please continue using the Next button below. By continuing, you are giving consent to participate in this study.

Please print or save a copy of this page for your reference.

Mahalo!
Please tell me a little about yourself by answering the following questions.

1. At what institution do you mainly work?

2. How many years have you been teaching?
   - Less than 1 (1)
   - 1 to 3 (2)
   - 4 to 6 (3)
   - 7 to 9 (4)
   - 10 to 15 (5)
   - 16 to 20 (6)
   - More than 20 (7)

3. How many years have you been teaching using OER?
   - Less than 1 (1)
   - 1 to 3 (2)
   - 4 to 6 (3)
   - 7 to 9 (4)
   - More than 9

4. How many years have you been teaching using OER-Enabled Pedagogy?
   - Less than 1 (1)
   - 1 to 3 (2)
   - 4 to 6 (3)
   - 7 to 9 (4)
1. What is your current area of study?

2. What is your rank?

3. What is your gender?

4. What is your race?

5. What is your tenure status?

6. What is your age?

7. What is your current status?

8. What level of courses do you teach?
Please select the most appropriate response to the following statements.

9. Using Open Educational Resources (OER) have benefited me in my instruction.
   - Strongly agree (1)
   - Agree (2)
   - Somewhat agree (3)
   - Neither agree nor disagree (4)
   - Somewhat disagree (5)
   - Disagree (6)
   - Strongly disagree (7)

10. Using OER in my classes has increased the learning outcomes of my students.
    - Strongly agree (1)
    - Agree (2)
    - Somewhat agree (3)
    - Neither agree nor disagree (4)
    - Somewhat disagree (5)
    - Disagree (6)
    - Strongly disagree (7)

11. I believe that my academic reputation has been enhanced because I am using OER.
    - Strongly agree (1)
    - Agree (2)
12. Using OER has been advantageous in the promotion and tenure process.

- Strongly agree (1)
- Agree (2)
- Somewhat agree (3)
- Neither agree nor disagree (4)
- Somewhat disagree (5)
- Disagree (6)
- Strongly disagree (7)

13. Which approach, repository, or software have you used to provide OER for your students? (Please select all that apply.)

- Added OER materials to the Learning Management System (1)
- Pressbooks (2)
- OpenStax (3)
- Open Textbook Network (4)
- MERLOT (5)
- Created my own OER (6)
14. What type of OER have you used in your classes? (Please select all that apply.)

- OER textbooks that I have downloaded from a site like OpenStax or Open Textbook Network (1)
- Scholarly articles that have been published in Open Access journals (2)
- Materials that I find freely on the Internet (3)
- YouTube Videos (4)
- Materials that I have created (5)
- Materials from open courseware sites (6)
- Other (7) ________________________________________________

15. It has been easy for me to find appropriate OER material for my classes.

- Strongly agree (1)
- Agree (2)
- Somewhat agree (3)
- Neither agree nor disagree (4)
- Somewhat disagree (5)
- Disagree (6)
- Strongly disagree (7)

16. It has been easy for me to adapt the OER material that I have used for my classes.

- Strongly agree (1)
Using a Technology Acceptance Model to Analyze Faculty Adoption and Application of OER

17. It has been easy for me to integrate OER into my classes.

- Strongly agree (1)
- Agree (2)
- Somewhat agree (3)
- Neither agree nor disagree (4)
- Somewhat disagree (5)
- Disagree (6)
- Strongly disagree (7)

18. I began using OER in my classes because others around me were using OER.

- Strongly agree (1)
- Agree (2)
- Somewhat agree (3)
- Neither agree nor disagree (4)
- Somewhat disagree (5)
- Disagree (6)
19. My department considers it important that faculty use OER.
   - Strongly agree (1)
   - Agree (2)
   - Somewhat agree (3)
   - Neither agree nor disagree (4)
   - Somewhat disagree (5)
   - Disagree (6)
   - Strongly disagree (7)

20. Students taking classes in my department expect faculty to use OER in those classes.
   - Strongly agree (1)
   - Agree (2)
   - Somewhat agree (3)
   - Neither agree nor disagree (4)
   - Somewhat disagree (5)
   - Disagree (6)
   - Strongly disagree (7)

21. My institution has looked favorably on me because I adopted OER.
   - Strongly agree (1)
   - Agree (2)
Somewhat agree (3)
Neither agree nor disagree (4)
Somewhat disagree (5)
Disagree (6)
Strongly disagree (7)

22. When I began using OER in my teaching, guidance was available on my campus to provide assistance.

Strongly agree (1)
Agree (2)
Somewhat agree (3)
Neither agree nor disagree (4)
Somewhat disagree (5)
Disagree (6)
Strongly disagree (7)

23. The necessary resources were available to me to help me find, adapt, and integrate OER into my instruction.

Strongly agree (1)
Agree (2)
Somewhat agree (3)
Neither agree nor disagree (4)
Somewhat disagree (5)
Disagree (6)
24. Using OER is congruent with the way I like to conduct instruction.

- Strongly agree (1)
- Agree (2)
- Somewhat agree (3)
- Neither agree nor disagree (4)
- Somewhat disagree (5)
- Disagree (6)
- Strongly disagree (7)

25. Sharing the OER that I might create or modify with others is important.

- Strongly agree (1)
- Agree (2)
- Somewhat agree (3)
- Neither agree nor disagree (4)
- Somewhat disagree (5)
- Disagree (6)
- Strongly disagree (7)

26. Researching and/or developing OER allows me to pursue my research interests or activities.

- Strongly agree (1)
- Agree (2)
27. I expect that other faculty who develop OER would share their work.

- Strongly agree (1)
- Agree (2)
- Somewhat agree (3)
- Neither agree nor disagree (4)
- Somewhat disagree (5)
- Disagree (6)
- Strongly disagree (7)

28. When I first began using OER, I had the technical skills necessary to adopt the resources.

- Strongly agree (1)
- Agree (2)
- Somewhat agree (3)
- Neither agree nor disagree (4)
- Somewhat disagree (5)
- Disagree (6)
- Strongly disagree (7)
29. I feel I have the technical skills needed to develop or modify OER resources.

- Strongly agree (1)
- Agree (2)
- Somewhat agree (3)
- Neither agree nor disagree (4)
- Somewhat disagree (5)
- Disagree (6)
- Strongly disagree (7)

30. I understand the copyright licenses of OER that allow their reuse.

- Strongly agree (1)
- Agree (2)
- Somewhat agree (3)
- Neither agree nor disagree (4)
- Somewhat disagree (5)
- Disagree (6)
- Strongly disagree (7)

31. Are you now or have you applied OER-Enabled Pedagogy in your classes? (This approach might be exemplified by the involvement of the students in curriculum or resource development.)

- Yes (1)
- No (2)
32. If you have applied OER-Enabled Pedagogy, would you please describe the activity in a few words.

33. What motivated you to try OER-Enabled Pedagogy in your classes?

34. How has the use of OER-Enabled Pedagogy affected student behavior or learning?

35. In a few words, please share what makes OER valuable to you in your teaching?

36. Finally, please sum up the reasons that you were motivated to adopt or develop OER.

End of Block: Default Question Block

Thank you very much for taking this survey. I would very much appreciate it if you would consider participating in an interview on this same topic. It would support my dissertation research and further scholarly work in OER and OER-Enabled Pedagogy.

If you would like to participate in this continued research project, please contact me at betht@hawaii.edu.

Once again, thank you very much for your participation.

Mahalo!
Appendix B

Interview Protocol

Faculty Interview

Interviewer: BT
Interviewee: F#
Date of Interview:
Start Time of Interview:
End Time of Interview:
Location of Interview:

A. Introduction

As faculty identified for this research, you have been involved with some aspect of the adoption or creation of OER. Because of this experience, your opinion and perspective represent valuable information that might potentially impact further OER or OER-Enabled Pedagogical development.

Thank you very much for agreeing to participate in this interview.

B. Interviewee Background – Warmup Questions

1. Before we begin talking about textbooks, please tell me a little about yourself. How long have you worked at (Name of Institution)?

2. What’s your discipline?

C. Review of Study

The purpose of this study is to gain an understanding of the factors that have motivated faculty to adopt or create OER. If faculty are also experimenting with or implementing OER-Enabled Pedagogy, I would like to hear about the reasons for doing so.

As you know when you signed the consent form, I will be audio taping our conversations today.

Do you have questions before we begin?

→Record Time Start

→Start Recording

D. Interview Questions for Faculty

1. Please describe how you have used OER in your instruction.
2. Would you please describe the ways that using OER benefit or detract from your instruction.

3. What about for your students? Describe the ways that the use of OER in your instruction might either benefit or detract from your student’s learning.

4. Would you please discuss ways that you may have personally or professionally gained by using OER?

5. What about gains for your department or institution? Would you describe those.

6. Please tell me about how you transitioned from using commercial materials to using OER in your classes.

7. Tell me about your experience in terms of the effort it has taken to find, and adapt, and then integrate OER into your classes.

8. What were the influences in your personal or professional life that caused you to adopt OER?

9. How have you felt your reputation on campus has been affected by your use of OER in your classes?

10. How did your institution support your initial use of OER?

11. How does the use of OER reflect your instructional philosophy?

12. If applicable, would you please describe the professional and personal satisfaction that you derive when adopting or creating OER.

13. Would you describe any advantages that using OER might have in the promotion and tenure process.

14. Would you please tell me your thoughts on the positive and/or negative aspects of sharing these resources.

15. In what way do you think your skills with technology have played part in adopting OER?

16. Would you describe your knowledge of the open licenses that support OER.

17. How have you experimented with OER-Enabled Pedagogy in your classes? (If No, ask “Why have you decided not to explore OER-Enabled Pedagogy? and conclude interview.)

18. Would you please tell me about your experiences applying OER-
Enabled Pedagogy in your classes.

19. What motivated you to try this approach?

20. In what ways has the use of OER-Enabled Pedagogy impacted your instruction?

21. From your experience, please describe the benefits and drawbacks of OER-Enabled Pedagogy on students’ learning.

   Please describe the process and the effort in applying OER-Enabled Pedagogy in your teaching.

22. Would you please tell me about both the personal and professional reasons that influenced you to adopt OER-Enabled Pedagogy.

23. In what ways did your department or institution support your use of OER-Enabled Pedagogy?

24. Would you talk about possible personal and/or professional satisfaction in using OER-Enabled Pedagogy.

25. How might your technology skills have played a role in the application of OER-Enabled Pedagogy in your teaching?

26. Finally what makes OER valuable to you and to your students?

27. What are your future plans in terms of using OER or OER-Enabled Pedagogy?

E. Concluding Questions for Faculty

28. Is there anything else you would like to share about your experiences with adopting OER textbooks or materials or about using an OER-Enabled Pedagogy approach?

I think that is all then, and I want to thank you very much for taking time for this interview today. You have been very helpful, and know that the information you provided has been important.

Other Topics Discussed:
Post Interview Comments and/or Observations:
• Make note of comments or observations here.