

FACULTY USE OF DIGITAL RESOURCES AND DIGITAL LIBRARIES SURVEY

DIRECTIONS: This survey is designed to collect information on how faculty from a variety of backgrounds and institutions use collections of digital resources and search for information about teaching and professional development as teachers online. This study, funded by the National Science Foundation, is being conducted by members of the University of Wisconsin - Madison, Carleton College and the California State University System. We invite you to participate in this survey; it should take no more than 15 minutes. There are no risks associated with this survey, and responses will be kept anonymous (no individually identifying information will be collected that is associated with your responses). If you have any comments, questions or concerns about this survey please email the project director, Alan Wolf (alanwolf@wisc.edu 608-263-0919).

In order to put our results into a proper context, we want to get a sense of who is answering this survey.

1) What is the name of your institution? _____

2) At what type of institution do you teach or work?

- | | |
|----|--|
| 1 | A Technical, Vocational or Training College |
| 2 | A Community, Two-Year, or Junior College |
| 3 | A Four-Year, Baccalaureate or Liberal Arts College or University |
| 4 | A Masters Granting University |
| 5 | A Doctoral Granting University |
| 99 | Other (please specify) _____ |

3) What is your college/ university appointment?

- | | | | |
|---|-------------------------------|----|------------------------------|
| 1 | Adjunct Faculty | 6 | Lecturer |
| 2 | Tenured Faculty | 7 | Faculty Assistant |
| 3 | Non-Tenured Faculty | 8 | Librarian |
| 4 | Permanent Non-Tenured Faculty | 99 | Other (please specify) _____ |
| 5 | Instructor | | |

4) Is your appointment full or part time?

- | | |
|----|------------------------------|
| 1 | Full-time |
| 2 | Part-time |
| 99 | Other (please specify) _____ |

5) In what academic field(s) do you primarily teach?

- | | | | |
|---|--|----|------------------------------|
| 1 | Biological Sciences
(including Agriculture) | 8 | Health Sciences |
| 2 | Business | 9 | Humanities/Arts |
| 3 | Chemistry | 10 | Mathematics |
| 4 | Computer Science | 11 | Physics |
| 5 | Education | 12 | Social Science |
| 6 | Engineering | 13 | I am not an instructor |
| 7 | Geoscience | 99 | Other (please specify) _____ |

DIGITAL RESOURCES DEFINED:

Digital resources encompass a variety of online material which can be used or referenced in support of learning. The following questions will ask you about specific digital resources. For purposes of this research we have defined digital resources within five categories:

- (A) Digital Images/ Visual Materials and Historical Documents:** This includes drawings, photographs, digital video, art, posters, digitized documents and similar representations of material.
- (B) Online Simulations/ Animations:** This includes illustrations or programs that are created to present a process or concept. The concept presentation may include user interaction (i.e. a user may input information to modify a simulation/animation).
- (C) Online Datasets:** These include any online educational, business and government datasets, and scientific research databases.
- (D) Teaching or Learning Activities and Exercises:** These include materials found online that are used in instructing students (assignments, tutorials, lab procedures, problem sets, case studies, etc.).
- (E) Online Scholarly Resources:** These include online journals, scholarly articles, and other scholarly discussion groups or sites.

6) Given the broad range of digital resources (as outlined above), what is your overall perception of the value of digital resources in your instruction of students?

- 1 Of great value to my instruction.
- 2 Of some value to my instruction.
- 3 Of no value to my instruction.
- 99 I do not instruct students.

The following questions will focus on the five digital resources separately.

Digital Images/ Visual Materials and Historical Documents:

Digital Images/ Visual Materials and Historical Documents: This includes drawings, photographs, digital video, art, posters, digitized documents and similar representations of material.

7) In a typical year, how would you rate the frequency of your use of Digital Images/ Visual Materials and/or Historical Documents.

- 1 I never use this digital resource.
- 2 I very rarely use this digital resource.
- 3 I occasionally use this digital resource.
- 4 I very frequently use this digital resource

8) Please indicate your likelihood of incorporating DIGITAL IMAGES / VISUAL MATERIAL and HISTORICAL DOCUMENTS (defined above) in the specific situations

	1	2	3	4
	Very Unlikely	Somewhat Unlikely	Somewhat Likely	Very Likely
8a) Presented during my lectures/ class.	1	2	3	4
8b) Linked or posted on my course website/ course management system.	1	2	3	4
8c) Used in tests and quizzes.	1	2	3	4
8d) Recommended to students for review and/ or a study aid.	1	2	3	4
8e) For use in scholarly work, in including grant writing.	1	2	3	4
8f) For use in my own professional development as a teacher.	1	2	3	4
8g) Presented in the context of an online class discussion.	1	2	3	4
8h) Assigned to students as part of a student research project or problem-based learning assignment.	1	2	3	4

9) Please use the frequency scale to respond to statements at the left which describe processes for obtaining Digital Images/ Visual Materials and Historical Documents for use in your instruction.

	1	2	3	4
	Very Unlikely	Somewhat Unlikely	Somewhat Likely	Very Likely
9a) In my courses I use Digital Images/Visual Visual Materials and Historical Documents that <u>I developed</u> .	1	2	3	4
9b) In my courses I use Digital Images/Visual Materials and Historical Documents that <u>I modified</u> from resources developed by others.	1	2	3	4
9c) In my courses I use Digital Images/Visual Materials and Historical Documents developed by others <u>with little or no modification</u> .	1	2	3	4

Online Simulations/ Animations:

Online Simulations/ Animations: This includes illustrations or programs that are created to present a process or concept. The concept presentation may include user interaction (i.e. a user may input information to modify a simulation/animation).

10) In an typical year, how would you rate the frequency of your use of Online Simulation/ Animations?

- 1 I never use this digital resource.
- 2 I very rarely use this digital resource.
- 3 I occasionally use this digital resource.
- 4 I very frequently use this digital resource.

11) Please indicate your likelihood of incorporating ONLINE SIMULATIONS / ANIMATIONS (defined above) in the specific situations listed on the left.

	1	2	3	4
	Very Unlikely	Somewhat Unlikely	Somewhat Likely	Very Likely
11a) Presented during my lectures/ class.	1	2	3	4
11b) Linked or posted on my course website/ course management system.	1	2	3	4
11c) Used in tests and quizzes.	1	2	3	4
11d) Recommended to students for review and/or a study aid.	1	2	3	4
11e) For use in scholarly work, including grant writing.	1	2	3	4
11f) For use in my own professional development as a teacher.	1	2	3	4
11g) Presented in the context of an online class discussion.	1	2	3	4
11h) Assigned to students as part of a student research project or problem-based learning assignment.	1	2	3	4

12) Please use the frequency scale to respond to statements at the left which describe processes for obtaining Online Simulations/ Animations for use in your instruction.

	1	2	3	4
	Very Frequently (Typically)	Somewhat Frequently	Somewhat Infrequently	Very Infrequently (Rarely)
12a) In my courses I use Online Simulations/ Animations that <u>I developed</u> .	1	2	3	4
12b) In my courses I use Online Simulations/Animations that <u>I modified</u> from resources developed by others	1	2	3	4
12c) In my courses I use Online Simulations/Animations developed by others <u>with</u> <u>little or no modification</u> .	1	2	3	4

Online Datasets:

Online Datasets: These include any online educational, business and government datasets, and scientific research databases.

13) In a typical year, how would you rate the frequency of your use of Online Datasets.

- 1 I never use this digital resource.
- 2 I very rarely use this digital resource.
- 3 I occasionally use this digital resource.
- 4 I very frequently use this digital resource.

14) Please indicate your likelihood of incorporating ONLINE DATASETS (defined above) in the specific situations listed on the left.

	1 Very Unlikely	2 Somewhat Unlikely	3 Somewhat Likely	4 Very Likely
14a) Presented during my lectures/ class.	1	2	3	4
14b) Linked or posted on my course website/ course management system.	1	2	3	4
14c) Used in tests and quizzes.	1	2	3	4
14d) Recommended to students for review and/ or a study aid.	1	2	3	4
14e) For use in scholarly work, including grant writing.	1	2	3	4
14f) For use in my own professional development as a teacher.	1	2	3	4
14g) Presented in the context of an online class discussion.	1	2	3	4
14h) Assigned to students as part of a student research project or problem-based learning assignment.	1	2	3	4

15) Please use the frequency scale to respond to statements at the left which describe processes for obtaining Online Datasets for use in your instruction.

	1 Very Frequently (Typically)	2 Somewhat Frequently	3 Somewhat Infrequently	4 Very Infrequently (Rarely)
15a) In my courses I use Online Simulations/ Animations that <u>I developed.</u>	1	2	3	4
15b) In my courses I use Online Simulations/Animations that <u>I modified</u> from resources developed by others	1	2	3	4
15c) In my courses I use Online Simulations/Animations developed by others <u>with</u> <u>little or no modification.</u>	1	2	3	4

Teaching or Learning Activities and Exercises:

Teaching or Learning Activities and Exercises: These include materials found online that are used in instructing students (assignments, tutorials, lab procedures, problem sets, case studies, etc.).

- 16) In a typical year, how would you rate the frequency of your use of Teaching or Learning Activities and Exercises.

- 1 I never use this digital resource.
- 2 I very rarely use this digital resource.
- 3 I occasionally use this digital resource.
- 4 I very frequently use this digital resource.

- 17) Please indicate your likelihood of incorporating TEACHING OR LEARNING ACTIVITIES AND EXERCISES (defined above) in the specific situations listed on the left.

	1	2	3	4
	Very Unlikely	Somewhat Unlikely	Somewhat Likely	Very Likely
17a) Presented during my lectures/ class.	1	2	3	4
17b) Linked or posted on my course website/ course management system.	1	2	3	4
17c) Used in tests and quizzes.	1	2	3	4
17d) Recommended to students for review and/ or a study aid.	1	2	3	4
17e) For use in scholarly work, including grant writing.	1	2	3	4
17f) For use in my own professional development as a teacher.	1	2	3	4
17g) Presented in the context of an online class discussion.	1	2	3	4
17h) Assigned to students as part of a student research project or problem-based learning assignment.	1	2	3	4

- 18) Please use the frequency scale to respond to statements at the left which describe processes for obtaining Teaching or Learning Activities and Exercises for use in your instruction.

	1	2	3	4
	Very Frequently (Typically)	Somewhat Frequently	Somewhat Infrequently	Very Infrequently (Rarely)
18a) In my courses I use Online Simulations/ Animations that <u>I developed</u> .	1	2	3	4
18b) In my courses I use Online Simulations/Animations that <u>I modified</u> from resources developed by others	1	2	3	4
18c) In my courses I use Online Simulations/Animations developed by others <u>with little or no modification</u> .	1	2	3	4

Online Scholarly Resources:

Online Scholarly Resources: These include online journals, scholarly articles, and other scholarly discussion groups or sites.

- 19) In a typical year, how would you rate the frequency of your use of Online Scholarly Resources.

- 1 I never use this digital resource.
- 2 I very rarely use this digital resource.
- 3 I occasionally use this digital resource.
- 4 I very frequently use this digital resource.

- 20) Please indicate your likelihood of incorporating ONLINE SCHOLARLY RESOURCES (defined above) in the specific situations listed on the left.

	1 Very Unlikely	2 Somewhat Unlikely	3 Somewhat Likely	4 Very Likely
20a) Presented during my lectures/ class.	1	2	3	4
20b) Linked or posted on my course website/ course management system.	1	2	3	4
20c) Used in tests and quizzes.	1	2	3	4
20d) Recommended to students for review and/ or a study aid.	1	2	3	4
20e) For use in scholarly work, including grant writing.	1	2	3	4
20f) For use in my own professional development as a teacher.	1	2	3	4
20g) Presented in the context of an online class discussion.	1	2	3	4
20h) Assigned to students as part of a student research project or problem-based learning assignment.	1	2	3	4

- 21) Please use the frequency scale to respond to statements at the left which describe processes for obtaining Online Scholarly Resources for use in your instruction.

	1 Very Frequently (Typically)	2 Somewhat Frequently	3 Somewhat Infrequently	4 Very Infrequently (Rarely)
21a) In my courses I use Online Simulations/ Animations that <u>I developed</u> .	1	2	3	4
21b) In my courses I use Online Simulations/Animations that <u>I modified</u> from resources developed by others	1	2	3	4
21c) In my courses I use Online Simulations/Animations developed by others <u>with</u> <u>little or no modification</u> .	1	2	3	4

22) The following questions ask you about your tendency to use a web search engine (like), and your tendency to use a Collection of Digital Resources (like a digital library) **for your students** in various situations. For this question, "A Collection of Digital Resources" is defined as "an online entity that aggregates many digital resources in one logical place."

Please use the following scale

VL= Very Likely | SL= Somewhat Likely | SU= Somewhat Unlikely | VU=Very Unlikely

	Likelihood of Using Web Search Engine (i.e. Google, Yahoo, etc.)				Likelihood of Using Collection of Digital Resources			
22a) When I want to find primary source material that I can integrate into my course.	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>
22b) When I want to find lesson plans, syllabi, or exercises that I can integrate into my instruction.	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>
22c) When I want to find current information (data, event information, etc.) for students.	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>
22d) When I want to find something that illustrates a difficult concept for students.	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>
22e) When I want to provide non-technical background for students	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>

23) The following questions ask you about your tendency to use a web search engine (like Google), and your tendency to use a Collection of Digital Resources (like a digital library) **in your classroom** in various situations. For this question, "A Collection of Digital Resources" is defined as "an online entity that aggregates many digital resources in one logical place."

Please use the following scale

VL= Very Likely | SL= Somewhat Likely | SU= Somewhat Unlikely | VU=Very Unlikely

	Likelihood of Using Web Search Engine (i.e. Google, Yahoo, etc.)				Likelihood of Using Collection of Digital Resources			
23a) When I want to find primary source material that I can integrate into my course.	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>
23b) When I want to find lesson plans, syllabi, or exercises that I can integrate into my instruction.	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>
23c) When I want to find information about how to improve my teaching.	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>
23d) When I want education/ pedagogy information.	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>

24) The following questions ask you about your tendency to use a web search engine (like), and your tendency to use a Collection of Digital Resources (like a digital library) **in various professional situations**. For this question, "A Collection of Digital Resources" is as "an online entity that aggregates many digital resources in one logical place."

Please use the following scale

VL= Very Likely | SL= Somewhat Likely | SU= Somewhat Unlikely | VU=Very Unlikely

	Likelihood of Using Web Search Engine (i.e. Google, Yahoo, etc.)				Likelihood of Using Collection of Digital Resources			
24a) When I want to find information for scholarly or my professional development as a teacher.	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>
24b) When I am unfamiliar with a topic in my field.	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>
24c) When I am seeking information in preparation of a grant proposal.	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>
24d) When I want to learn about conferences workshops or other professional activities.	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>
24e) When I want to stay current on new developments in my discipline.	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>	<i>VL</i>	<i>SL</i>	<i>SU</i>	<i>VU</i>

25) Indicate how much you agree or disagree with the statements at the left.

	1 Strongly Disagree	2 Somewhat Disagree	3 Somewhat Agree	4 Strongly Agree
25a) Digital resources improve my students' learning.	1	2	3	4
25b) Digital resources save me time in my teaching.	1	2	3	4
25c) Digital resources DO NOT help students learn difficult concepts.	1	2	3	4
25d) Digital resources help me develop my teaching skills.	1	2	3	4
25e) Digital resources help me stay abreast of professional developments.	1	2	3	4
25f) Digital resources help me get new ideas for my teaching to keep my material fresh.	1	2	3	4
25g) Incorporating digital resources into my class is fun.	1	2	3	4
25h) I use digital resources in my teaching because students expect digital resources in their instruction.	1	2	3	4
25i) I use digital resources to better accommodate students with learning or physical disabilities (ADA compliance).	1	2	3	4
25j) The usefulness of digital resources are overrated.	1	2	3	4

26) Please explain how you learned to incorporate technology into your teaching (Circle all that apply)

- 1 Institutional/ faculty development program
- 2 Other technology instruction/ class
- 3 Learned from another instructor
- 4 Learned from a TA or graduate student
- 5 Self taught
- 99 Other (please specify) _____

27) If there was a specific workshop or training session you found particularly useful in helping you to integrate digital resources into your academic life, please describe that experience and why you found it particularly useful. (use reverse if you need more space on a printed page)

28) How many years have you taught at the college or university level?

Do not include any experience as a teaching assistant.

- | | |
|----------------------|------------------------|
| ___ Less than 1 year | ___ 16-18 years |
| ___ 1-3 years | ___ 19-21 years |
| ___ 4-6 years | ___ 22-24 years |
| ___ 7-9 years | ___ 25-27 years |
| ___ 10-12 years | ___ 28-30 years |
| ___ 13-15 years | ___ More than 30 years |

29) Please indicate the number of courses you taught during spring 2006 and fall 2006. If you taught a two-term course or the same course for consecutive terms, please count each term separately.

SPRING 2006 - FALL 2006

29a) Number of introductory courses	None/No Courses	1	2	3	4	5 or More Courses
29b) Number of courses for majors	None/No Courses	1	2	3	4	5 or More Courses
29c) Number of graduate-level courses	None/No Courses	1	2	3	4	5 or More Courses
29d) Number of other courses	None/No Courses	1	2	3	4	5 or More Courses

30) Please indicate the number of traditional/face-to-face courses versus distance education (or courses primarily conducted online) from spring 2006 through fall 2006.

30a) Face-to-face courses	None/No Courses	1	2	3	4	5 or More Courses
30b) Distance Education/Online Courses	None/No Courses	1	2	3	4	5 or More Courses
30c) Hybrid Courses (<i>where 50% or more of seat time in class has been replaced by online activities</i>)	None/No Courses	1	2	3	4	5 or More Courses

31) When you teach do you typically use a course website (or some other type of online course management system)?

- 1 - YES 2 - NO 99 - unsure

32) Indicate how much you agree or disagree with the statements at the left.

	1 Strongly Disagree	2 Somewhat Disagree	3 Somewhat Agree	4 Strongly Agree
32a) I would use more digital resources if there were more/ better training available to me on how to use this technology in my classes.	1	2	3	4
32b) I would use more digital resources if I had more time.	1	2	3	4
32c) Digital resource use is not a priority for me.	1	2	3	4
32d) I would use more digital resources is if it was a greater priority at my institution.	1	2	3	4
32e) I would use more digital resources if I had more access to technology (computers, classroom equipment, etc.)	1	2	3	4
32f) I would use more digital resources if there were more useful digital resources available.	1	2	3	4
32h) I would use more digital resources if I had more flexibility in the content/ curriculum of my classes.	1	2	3	4
32i) I would use more digital resources if the technology were more dependable.	1	2	3	4
32j) I would use more digital resources if my institution rewarded me for using them (i.e. an award, count toward tenure, etc.)	1	2	3	4

33) What other factors keep you from incorporating more digital resources into your instruction?

34) The following question asks you to RANK the relative importance of four features of digital resources. **NOTE: You will NOT be able to have an identical rank for any items.**


34a) I want information to be organized so that I can quickly find what I want.	1 Most Important	2	3	4 Least Important
34b) I want information to be of high quality. I want information that has been peer reviewed.	1 Most Important	2	3	4 Least Important
34c) I want information that is supplemented with materials to explain how I can use it in my teaching.	1 Most Important	2	3	4 Least Important
34d) I want information that is supplemented with materials to explain how I can use it in my professional development as a teacher	1 Most Important	2	3	4 Least Important

35) Do you have any comments or qualifications you would like to make regarding your rankings?

36) What is your gender?

1 - MALE 2-FEMALE 99- Prefer not to answer

37) We plan to have this study data compiled in December and written by April. Would you be interested in receiving a copy of this report? (If so, we just need to collect some contact information).

1 YES 

2 NO



END

Thank you so much for your input on this survey. Your feedback will directly help in the development of digital libraries. Again, if you have any questions with this survey, place contact alanwolf@wisc.edu

Thank you! Your help is appreciated, and your feedback will ultimately provide valuable information for digital libraries. We are asking you for some basic information so that we can contact you with a copy of the final report. Any information you provide will be kept in strict confidence and will not be sold to any outside vendor.

38) What is your name?

39) What is your email address?

40) What, if any, final comments would you like to make about your use of digital resources?

41) We may also be conducting a follow up to this survey. Can we contact you for any follow-up or clarification to this survey?

(Please Circle One)

YES

NO

