



Faculty Survey on Instructional Technology 2001:

School of Public Health Frequencies

About You

Survey Mode:	N	%
Online	28	36.8
Paper	48	63.2

2. Rank:

	N	%
1) Full Professor	28	37.0
2) Associate Professor	19	25.7
3) Assistant Professor	11	14.9
4) Instructor	0	0.0
5) Lecturer	1	16.2
6) Teaching Assistant	3	1.4
7) Other (specify):	0	4.1
TOTAL	74	

3. Are you tenured?

	N	%
No	54	73.0
Yes	20	27.0

4. Current appointment:

	N	%
a. 1) Part-time	18	25.0
2) Full-time	54	75.0
TOTAL	72	
b. 1) Regular	28	82.4
2) Adjunct	6	17.6
3) Temporary	0	0.0
TOTAL	34	

5. Do you serve in an administrative capacity?

	N	%
1) No	47	74.6
2) Yes, Dean	0	0.0
Yes, Chair/Chief	4	6.4
Yes, Director	11	17.5
Yes, Other	1	1.5
TOTAL	63	

6. Highest degree

	N	%
BS/BA	0	0.0
MS/MS	7	9.6
MD/DDS	11	15.1
PhD/EdD	52	71.2
Other	3	4.1
TOTAL	73	

Year received highest degree

	N	%
thru 1969	8	18.2
1970s	14	31.8
1980s	11	25.0
1990-94	7	15.9
1995+	4	9.1
TOTAL	44	

7. For how many courses and students are you the primary instructor this academic year (autumn through spring qtr.)?

Mean Number of ...	Lower Division		Upper Division		Graduate		ALL LEVELS	
	Courses	Students	Courses	Students	Courses	Students	Courses	Students
Classroom lectures	.3	12.5	.4	9.6	1.5	38.0	1.6	39.28
Discussion seminars	.0	.0	.0	.0	1.0	15.8	1.0	15.8
Other (e.g., lab, practicum):	.0	.0	.0	.0	1.4	6.9	1.4	6.9

Your Use of Technology

8. How would you rate your expertise as a computer user?

0	1	2	3	4	N
Don't use	Novice	Intermediate	Advanced	Expert	
0.00%	5.3%	44.7%	46.1%	3.9%	76

9. Which of the following methods for learning about computers do you prefer most? (Check all that apply.) Please also rank your top THREE preferences by writing the corresponding letter in the appropriate space below.

	%	
a) I don't wish to learn more about computers.	9.2	1 st most preferred: <u>COLLEAGUES 30%</u> <u>EXPLORING 20%</u>
b) Workshops	39.5	
c) On-line computer classes	43.4	
d) Books, journals, tutorials	32.9	2 nd most preferred: <u>EXPLORING 21%</u> <u>LOCAL SUPPORT 21%</u>
e) Exploring, experimenting	64.5	
f) Help from colleagues, friends, family	61.8	3 rd most preferred: <u>LOCAL SUPPORT 20%</u> <u>WORKSHOPS 17%</u>
g) Telephone consultants	19.7	
h) Local technical support	53.9	
i) Conferences in your discipline	11.8	
j) Other (specify): _____	0.0	

10. About how often do you use computers at the following places to do your work for the UW?

	Never	Once a year	Several times a year	Once a month	Several times a month	1-2 times a week	Every day	N
a) Campus office	5.7	0.0	1.4	2.9	4.3	0.0	85.7	70
b) Classroom	31.3	6.3	25.0	4.7	9.4	20.3	3.1	64
d) Home	0.0	0.0	1.4	5.6	1.4	26.8	64.8	71
e) While traveling	9.0	1.5	29.9	13.4	6.0	9.0	31.3	67
d) Other (specify): _____	15.4	0.0	7.7	0.0	0.0	15.4	61.5	13

11. What computer technology (if any) do you use at the UW? (Check all that apply.) For each item, indicate the number of years since it was replaced / up-graded.

	I use	Since Replacement / Upgrade			N
		1 year	2 years	3+ years	
a) Personal Computer (PC, IBM-compatible)	77.6	50.8	30.5	18.6	59
b) Macintosh (MAC)	15.8	18.2	54.5	27.3	12
c) Unix Workstation	15.8	50.0	12.5	37.5	12
d) Printer	86.8	22.4	34.5	43.1	66
e) Scanner	23.7	26.3	36.8	36.8	18
f) Drives, diskettes, etc. for file back-up	64.5	55.3	27.7	17.0	49
g) Digital camera	17.1	64.3	14.3	21.4	13
h) Other (specify): _____	1.3	50.0	0.0	50.0	1

12. What kind of Internet connection do you use ... (Percent checked in each column.)

	at the UW?	at home?	while traveling?	N
a) None	0.0	0.0	0.0	0
b) I don't know what kind of connection I use.	5.3	2.6	1.3	7
c) Campus network	82.9	3.9	7.9	76
d) Regular modem	5.3	53.9	52.6	85
e) Cable modem	1.3	23.7	2.6	21
f) Digital Subscriber Line (DSL) modem	1.3	11.8	1.3	11
g) Wireless	0.0	1.3	2.6	3
h) Other (specify): _____	2.6	0.0	1.3	3

13. How satisfied are you with your Internet connection at home?

	Very Dissatisfied	Somewhat Dissatisfied	Somewhat Satisfied	Very Satisfied	Not Applicable/ Don't know	N
a) speed	17.1	28.9	21.1	27.6	5.3	76
b) reliability	6.7	22.7	24.0	41.3	5.3	75

14. Do you ...

	No	Yes	N
a) have exclusive use of a computer at the UW?	14.9	85.1	74
b) communicate with email at work?	2.7	97.3	75
c) communicate with email at home?	9.3	90.7	75
d) have a non-UW email account?	26.0	74.0	73
e) transfer files between work and home?	10.8	89.2	74

If yes, which method do you use most often? (N=66)

1) 3.5" floppy:	24.2%	4) Other high capacity disk	1.5%	7) FTP (Fetch, WS-FTP)	18.2%
2) ZIP disk:	15.2	5) CD burner	1.5	8) Other (specify):	1.5
3) Jazz disk	0.0	6) Email attachment	37.9		

15. How often do you use the following to support your instruction at the UW?

	Never	Once a year	Several times a year	Once a month	Several times a month	1-2 times a week	Every day
a) Word processing	4.2	0.0	1.4	0.0	12.7	15.5	66.2
b) Spreadsheet (e.g., Excel)	15.9	5.8	14.5	7.2	21.7	23.2	11.6
c) Presentation (e.g., PowerPoint)	5.8	2.9	13.0	15.9	20.3	29.0	13.0
d) Email (e.g., Pine, Outlook, Eudora)	2.9	0.0	0.0	0.0	5.7	10.0	81.4
e) Calendar/scheduling	50.0	0.0	1.5	0.0	6.1	3.0	39.4
f) Internet/Web access (e.g, Navigator)	7.1	0.0	2.9	1.4	10.0	18.6	60.0
g) Web (HTML) editors (e.g., Frontpage)	68.7	4.5	6.0	4.5	3.0	9.0	4.5
h) Catalyst web-based tools	76.5	8.8	5.9	4.4	1.5	2.9	0.0
i) Courseware (e.g., WebCT, Blackboard)	100.0	0.0	0.0	0.0	0.0	0.0	0.0
j) Publishing (e.g., Acrobat, PageMaker)	66.2	2.9	10.3	1.5	7.4	8.8	2.9
k) Graphics (e.g., Photoshop)	54.4	7.4	14.7	4.4	8.8	5.9	4.4
l) Multimedia authoring software	95.5	1.5	3.0	0.0	0.0	0.0	0.0
m) Database (e.g., ACCESS, FileMaker)	47.1	5.9	20.6	5.9	8.8	5.9	5.9
n) Video editing software	97.0	1.5	1.5	0.0	0.0	0.0	0.0
o) Statistical analysis software	32.4	2.9	7.4	7.4	7.4	22.1	20.6
p) Software to record/manage grades	56.7	5.0	10.0	6.7	10.0	10.0	1.7
q) Modeling or simulations	83.3	1.5	6.1	0.0	3.0	1.5	4.5
r) Overhead transparencies	10.1	2.9	14.5	13.0	29.0	20.3	10.1
s) Slides, filmstrips and/or movies	52.2	7.2	14.5	10.1	14.5	0.0	1.4
t) Video and/or audio tape	67.2	11.9	11.9	4.5	3.0	1.5	0.0
u) Digital video and/or audio	92.4	6.1	1.5	0.0	0.0	0.0	0.0
v) Computer-projected presentations	29.4	4.4	22.1	13.2	14.7	8.8	7.4
w) Video conferencing	70.1	9.0	14.9	3.0	3.0	0.0	0.0
x) 3-D modeling	92.4	3.0	4.5	0.0	0.0	0.0	0.0
y) Computer-generated animat/graphics	86.6	3.0	4.5	3.0	1.5	1.5	0.0
z) Other (specify):	100.0	0.0	0.0	0.0	0.0	0.0	0.0

16. Have you used any of the following Catalyst tools?

	Yes	No	Don't know	N
a) Peer Review (collaboration tool)	1.4	97.1	1.4	70
b) WebQ (survey/quiz generator)	14.1	84.5	1.4	71
c) Epost (discussion board)	4.3	94.3	1.4	70
d) Umail (feedback form)	1.4	97.1	1.4	70
e) E-submit (assignment turn-in)	5.8	92.8	1.4	69
f) Web Templates (course webpage)	15.7	81.4	2.9	70
* <u>Any</u> Catalyst tool (derived from items a-f)	22.4	77.6	0.0	76

17. Which of the following issues concern you when using information technology to do your work for the University? (Check all that apply.) Please also rank your top THREE concerns by writing the corresponding letter in the appropriate space below.

	A concern of (%)		A concern of (%)
a) I don't have time.	65.8	l) There is no incentive (e.g., leave time, contribution toward tenure, financial).	35.5
b) I don't have the necessary skills.	56.6	m) I'm not convinced it would improve student learning.	21.1
c) I don't know how to get access.	27.6	n) Students may not be proficient.	14.5
d) I need upgraded hardware.	18.4	o) It's too much trouble.	17.1
e) I don't have adequate development tools.	19.7	p) It costs too much.	6.6
f) The applications and media I want to use don't run on machines in the classrooms.	22.4	q) Other (specify):	2.6
g) I don't have technical support in my department.	35.5	1 st highest concern: <u>TIME</u>	48%
h) I don't have on-site (e.g., classroom, lab) support.	31.6	<u>SKILLS</u>	19%
i) I don't have pedagogical support.	18.4	2 nd highest concern: <u>SKILLS</u>	20%
j) I'm not sure how to legally use copyrighted materials.	7.9	<u>TIME</u>	16%
k) I'm concerned about losing my own intellectual property rights.	18.4	3 rd highest concern: <u>DEPT. SUPPORT</u>	17%
		<u>NO INCENTIVE</u>	13%
		<u>TOO MUCH TROUBLE</u>	13%

18. If you could easily obtain support and service, to what extent would you like to use the web for the following?

	Not at All	Somewhat	Very Much	Already Use	Don't Know
a) Mount course materials	5.9	10.3	42.6	36.8	4.4
b) Facilitate class discussions	18.5	29.2	29.2	16.9	6.2
c) Post student work	31.7	23.8	27.0	7.9	9.5
d) Access on-line course reserves	10.1	23.2	39.1	23.2	4.3
e) Gather information via on-line quizzes or surveys	33.3	19.0	33.3	9.5	4.8
f) Manage course grades	34.8	27.3	28.8	3.0	6.1
g) Submit final course grades	27.3	16.7	50.0	0.0	6.1
h) Access on-line materials archives	12.3	16.9	44.6	16.9	9.2
i) Conduct simulations or visualizations	34.4	29.7	29.7	4.7	1.6
j) Conduct research	26.5	16.2	22.1	32.4	2.9
k) Use Geographical Information System (GIS) or other spatial display of information	41.8	23.9	23.9	1.5	9.0
l) Present work to other people at the UW	27.9	23.5	20.6	23.5	4.4
m) Present work to other people around the world	25.0	20.6	20.6	29.4	4.4
n) Facilitate collaboration with people at the UW	13.0	33.3	24.6	26.1	2.9
o) Facilitate collaboration with people around the world	14.9	28.4	29.9	23.9	3.0
p) Perform compositions, dances, or other music/art activities	89.4	1.5	4.5	0.0	4.5
q) Other (specify):	80.0	0.0	10.0	0.0	10.0

19. If you could easily obtain support and service, to what extent would you like to use the following resources for your work?

	Not at All	Somewhat	Very Much	Already Use	Don't Know
a) An email list of students in your class	2.8	7.0	26.8	63.4	0.0
b) Audio/video clips, animation, or slides	27.9	26.5	32.4	10.3	2.9
c) Videoconferencing	34.3	31.3	25.4	6.0	3.0
d) Streaming video	39.4	28.8	13.6	1.5	16.7
e) Computer simulations	37.9	19.7	22.7	6.1	13.6
f) Multimedia presentations as class assignments	33.8	27.9	25.0	2.9	10.3
g) Textual analysis programs (e.g., Atlas)	53.0	15.2	4.5	1.5	25.8
h) Other (specify):	71.4	0.0	14.3	0.0	14.3

20. Where do you currently go for technical support for your instruction?

Resource	N	%
Nowhere	4	5.3
Colleague/Faculty/Friend	9	11.8
Department/Office	12	15.8
UW resource/Catalyst	4	5.3
Web resource	2	2.6
Other	1	1.3
No Answer (missing)	44	57.9

21. What 3 things could the University do to improve the information technology products and services it provides to you?

Service	N	%
Improve access	5	17.2
Improve support	8	27.6
Workshops/courses	6	20.7
Improve classroom capabilities	6	20.7

22. What technical skills should students have to participate in University courses?

Skill	N	%
Use email	9	31.0
Use word processing software	17	58.6
Have Web access	10	34.5
Use database or spreadsheet software	10	34.5

23. What technical skills should students have when they graduate from the UW?

Skill	N	%
Use email	5	19.2
Use word processing software	6	23.1
Have Web access	13	50.0
Use database or spreadsheet software	9	34.6

24. What resources need to be in place for students to learn required technical skills while they are at the UW?

Resource	N	%
Computer access or loans	7	28.0
Computer labs with assistance	8	32.0
Instruction/workshops	10	40.0
Programs define/require skills courses	0	0.0

Your Experience with Technical Facilities in UW Classrooms

25. What type(s) of technology do you prefer to have available in the classroom? (Check all that apply.) Please also rank your top THREE choices by writing the corresponding letter in the appropriate space below.

	Preferred by (%)		Preferred by (%)
a) None	0.0	l) Laptop hook-up on podium	61.8
b) Overhead projector (for transparencies)	85.5	m) Multi-media (computer) projector	57.9
c) Television	18.4	n) Other (specify):	3.9
d) VCR	27.6		
e) Video disc player	2.6	1st most preferred:	<u>OVERHEADS</u> 37%
f) DVD	3.9		<u>MULTIMEDIA</u> 27%
g) Film projector	0.0	2nd most preferred:	<u>LAP TOP HOOKUP</u> 24%
h) Slide projector	53.9		<u>OVERHEADS</u> 24%
i) Audio tape player	1.3		<u>SLIDES</u> 22%
j) CD player	3.9	3rd most preferred:	<u>LAP TOP HOOKUP</u> 22%
k) Permanent computer at podium	43.4		<u>OVERHEADS</u> 22%
			<u>MULTI-MEDIA</u> 19%

26. What technical facilities that you want are missing from the classrooms you use?

Resource	N	%
Computer access	13	44.8
Multimedia	21	72.4
Personal help	1	3.4

27. UW currently maintains ten general-access multi-media classrooms (permanent computer at podium with projection capabilities), and two collaboratories (computer at each student seat). Have you used these classrooms?

	Have you used these classrooms?		If you <u>haven't used them</u> , would you like to?		If you <u>have used them</u> , did you have technical problems? (describe)	
	Yes	% Yes	No	Yes	No	Yes
a) multi-media classrooms	8	11.4	(36.4)	(63.6)	(75.0)	(25)
b) collaboratories	28	50.0	(60.0)	(40.0)	(42.9)	(57.1)

28. What size classrooms function well as multimedia classrooms? (Percent checking each option)

Small (<30): 57.9 % Intermediate (30-80): 38.2% Large (80-200): 21.1% Very large (200+): 14.5%