UNIVERSITY OF WASHINGTON

Faculty Survey on Instructional Technology 2001: School of Nursing Frequencies

About You

Survey Mode:

	N	%
Online	12	20.0
Paper	48	80.0

2. Rank:

		N	%
1)	Full Professor	16	27.1
2)	Associate Professor	23	39.0
3)	Assistant Professor	6	10.2
4)	Instructor	1	1.7
5)	Lecturer	11	18.6
6)	Teaching Assistant	1	1.7
7)	Other (specify):	1	1.7
	TOTAL	59	

3. Are you tenured?

	N	%
No	22	37.9
Yes	36	62.1

4. Current appointment:

			N	%
a.	1)	Part-time	10	18.2
	2)	Full-time	45	81.8
		TOTAL	55	
b.	1)	Regular	14	87.5
	2)	Adjunct	0	0.0
	3)	Temporary	2	12.5
		TOTAL	16	

5. Do you serve in an administrative capacity?

		N	%
1)	No	43	78.2
2)	Yes, Dean	2	3.6
	Yes, Chair/Chief	5	9.1
	Yes, Director	2	3.6
	Yes, Other	3	5.5
	TOTAL	55	

6. Highest degree

	N	%
BS/BA	0	0.0
MS/MS	10	18.9
PhD/EdD	38	71.7
Other	5	9.4
TOTAL	53	

Year received highest degree

	N	%
thru 1969	2	4.8
1970s	4	9.5
1980s	17	40.5
1990-94	12	28.6
1995+	7	16.7
TOTAL	42	

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	1.3	65	1.9	72	1.5	28	2.3	59
Discussion seminars	1.6	15	2.2	22	1.8	21	2.0	22
Other (e.g., lab, practicum):	1.0	80	3.0	37	2.5	11	3.1	29

Your Use of Technology

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

0	1	2	3	4	
Don't use	Novice	Intermediate	Advanced	Expert	N
0.0	8.3	61.7	25.0	5.0	60

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 <u>writing the corresponding letter</u> in the appropriate space below.

		%
a)	I don't wish to learn more about computers.	0.0
b)	Workshops	66.7
c)	On-line computer classes	45.0
d)	Books, journals, tutorials	21.7
e)	Exploring, experimenting	53.3
f)	Help from colleagues, friends, family	73.3
g)	Telephone consultants	26.7
h)	Local technical support	66.7
i)	Conferences in your discipline	16.7
j)	Other (specify):	2.1

1st most preferred: WORKSHOPS 33%
COLLEAGUES 22%

2nd most preferred: WORKSHOPS 22%
COLLEAGUES 22%

3rd most preferred: LOCAL SUPP. 22%
COLLEAGUES 21%

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	0.0	0.0	0.0	0.0	1.7	8.6	89.7	58
b)	Classroom	17.3	3.8	23.1	17.3	13.5	17.3	7.7	52
d)	Home	1.7	0.0	0.0	1.7	1.7	18.6	76.3	59
e)	While traveling	18.5	5.6	46.3	3.7	0.0	5.6	20.4	54
d)	Other (specify):	66.7	0.0	0.0	0.0	33.3	0.0	0.0	3

11. What computer technology (if any) do you <u>use</u> 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			
			1 year	2 years	3+ years	N
a)	Personal Computer (PC, IBM-compatible)	86.7	30.9	34.5	34.5	55
b)	Macintosh (MAC)	5.0	50.0	0.0	50.0	2
c)	Unix Workstation	1.7	0.0	0.0	0.0	0
d)	Printer	86.7	21.2	17.3	61.5	52
e)	Scanner	30.0	27.8	44.4	27.8	18
f)	Drives, diskettes, etc. for file back-up	70.0	21.6	43.2	35.1	37
g)	Digital camera	16.7	33.3	50.0	16.7	6
h)	Other (specify):	1.7	100.0	0.0	0.0	2

12. What kind of Internet connection do you <u>use</u> … (Percent checked in each column.)

		at the UW?	at home?	while traveling?	N
a)	None	0.0	0.0	6.7	60
b)	I don't know what kind of connection I use.	10.0	6.7	11.7	60
c)	Campus network	88.3	15.0	6.7	60
d)	Regular modem	1.7	55.0	33.0	60
e)	Cable modem	5.0	11.7	1.7	60
f)	Digital Subscriber Line (DSL) modem	0.0	13.3	0.0	60
g)	Wireless	0.0	0.0	3.3	60
h)	Other (specify):	0.0	0.0	0.0	60

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	20.7	34.5	15.5	25.9	3.4	58
b)	reliability	8.9	14.3	28.6	42.9	5.4	56

14. Do you …

		No	Yes	N
a)	have exclusive use of a computer at the UW?	8.3	91.7	60
b)	communicate with email at work?	1.7	98.3	60
c)	communicate with email at home?	5.0	95.0	60
d)	have a non-UW email account?	28.8	71.2	59
e)	transfer files between work and home?	16.9	83.1	59

If yes, which method do you use most often? (N=54)

1)	3.5" floppy:	61.1%	4)	Other high capacity disk	0.0%	7)	FTP (Fetch, WS-FTP)	9.3%
2)	ZIP disk:	13.0	5)	CD burner	0.0	8)	Other (specify):	0.0
3)	Jazz disk	0.0	6)	Email attachment	16.7			

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	0.0	0.0	1.8	3.5	0.0	19.3	75.4
b) Spreadsheet (e.g., Excel)	30.2	11.3	15.1	3.8	18.9	18.9	1.9
c) Presentation (e.g., PowerPoint)	10.7	5.4	21.4	12.5	21.4	23.2	5.4
d) Email (e.g., Pine, Outlook, Eudora)	0.0	0.0	1.7	0.0	1.7	6.9	89.7
e) Calendar/scheduling	55.8	0.0	3.8	1.9	0.0	9.6	28.8
f) Internet/Web access (e.g, Navigator)	0.0	0.0	1.8	1.8	3.5	31.6	61.4
g) Web (HTML) editors (e.g., Frontpage)	43.6	9.1	9.1	9.1	9.1	18.2	1.8
h) Catalyst web-based tools	63.0	13.0	13.0	3.7	5.6	1.9	0.0
i) Courseware (e.g., WebCT, Blackboard)	82.7	7.7	1.9	1.9	0.0	1.9	3.8
j) Publishing (e.g., Acrobat, PageMaker)	63.6	5.5	10.9	5.5	10.9	3.6	0.0
k) Graphics (e.g., Photoshop)	65.4	5.8	11.5	11.5	1.9	3.8	0.0
l) Multimedia authoring software	94.3	0.0	0.0	1.9	3.8	0.0	0.0
m) Database (e.g., ACCESS, FileMaker)	67.3	3.6	10.9	3.6	1.8	7.3	5.5
n) Video editing software	98.1	0.0	0.0	1.9	0.0	0.0	0.0
o) Statistical analysis software	30.9	10.9	18.2	7.3	14.5	12.7	5.5
p) Software to record/manage grades	73.1	0.0	13.5	5.8	3.8	1.9	1.9
q) Modeling or simulations	96.2	1.9	1.9	0.0	0.0	0.0	0.0
r) Overhead transparencies	17.5	1.8	12.3	15.8	38.6	14.0	0.0
s) Slides, filmstrips and/or movies	47.2	5.7	15.1	13.2	9.4	7.5	1.9
t) Video and/or audio tape	31.5	5.6	14.8	22.2	18.5	7.4	0.0
u) Digital video and/or audio	84.9	1.9	9.4	0.0	1.9	1.9	0.0
v) Computer-projected presentations	32.1	1.8	19.6	12.5	19.6	10.7	3.6
w) Video conferencing	70.9	9.1	3.6	10.9	5.5	0.0	0.0
x) 3-D modeling	98.0	0.0	2.0	0.0	0.0	0.0	0.0
y) Computer-generated animat/graphics	92.5	1.9	3.7	0.0	1.9	0.0	0.0
z) Other (specify):	42.9	0.0	0.0	14.3	28.6	14.3	0.0

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

		Yes	No	Don't know	N
a)	Peer Review (collaboration tool)	3.6	96.4	0.0	55
b)	WebQ (survey/quiz generator)	12.5	87.5	0.0	56
c)	Epost (discussion board)	7.3	92.7	0.0	55
d)	Umail (feedback form)	8.9	89.3	1.8	56
e)	E-submit (assignment turn-in)	3.6	96.4	0.0	55
f)	Web Templates (course webpage)	27.6	72.4	0.0	58
*	<u>Any</u> Catalyst tool (derived from items a-f)	33.3	66.7	--	60

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 <u>by writing the corresponding letter</u> in the appropriate space below.

		A concern of (%)
a)	I don't have time.	60.0
b)	I don't have the necessary skills.	56.7
c)	I don't know how to get access.	21.7
d)	I need upgraded hardware.	15.0
e)	I don't have adequate development tools.	10.0
f)	The applications and media I want to use don't run on machines in the classrooms.	15.0
g)	I don't have technical support in my department.	15.0
h)	I don't have on-site (e.g., classroom, lab) support.	18.3
i)	I don't have pedagogical support.	10.0
j)	I'm not sure how to legally use copyrighted materials.	15.0
k)	I'm concerned about losing my own intellectual property rights.	16.7

		A concern of (%)
l)	There is no incentive (e.g., leave time, contribution toward tenure, financial).	35.0
m)	I'm not convinced it would improve student learning.	16.7
n)	Students may not be proficient.	20.0
o)	It's too much trouble.	15.0
p)	It costs too much.	6.7
q)	Other (specify):	1.7

1st highest concern:	TIME	39%
	SKILLS	25%

2nd highest concern:	SKILLS	20%
	TIME	11%

3rd highest concern:	SKILLS	24%
	NO INCENTIVE	12%

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

		Not at All	Somewhat	Very Much	Already Use	Don't Know
a)	Mount course materials	3.8	9.4	34.0	52.8	0.0
b)	Facilitate class discussions	10.0	28.0	40.0	22.0	0.0
c)	Post student work	14.0	34.0	34.0	16.0	2.0
d)	Access on-line course reserves	3.9	5.9	35.3	54.9	0.0
e)	Gather information via on-line quizzes or surveys	10.4	37.5	33.3	14.6	4.2
f)	Manage course grades	19.6	27.5	41.2	5.9	5.9
g)	Submit final course grades	9.8	21.6	64.7	0.0	3.9
h)	Access on-line materials archives	11.8	15.7	52.9	13.7	5.9
i)	Conduct simulations or visualizations	22.0	26.0	36.0	4.0	12.0
j)	Conduct research	15.1	20.8	32.1	24.5	7.5
k)	Use Geographical Information System (GIS) or other spatial display of information	46.0	14.0	20.0	2.0	18.0
l)	Present work to other people at the UW	15.1	32.1	30.2	13.2	9.4
m)	Present work to other people around the world	17.3	28.8	42.3	5.8	5.8
n)	Facilitate collaboration with people at the UW	9.6	26.9	42.3	15.4	5.8
o)	Facilitate collaboration with people around the world	11.8	33.3	37.3	11.8	5.9
p)	Perform compositions, dances, or other music/art activities	86.0	6.0	4.0	0.0	4.0
q)	Other (specify):	100.0	0.0	0.0	0.0	0.0

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	0.0	1.9	24.5	71.7	1.9
b)	Audio/video clips, animation, or slides	13.7	23.5	49.0	11.8	2.0
c)	Videoconferencing	9.6	34.6	38.5	9.6	7.7
d)	Streaming video	20.0	18.0	36.0	2.0	24.0
e)	Computer simulations	14.3	34.7	28.6	6.1	16.3
f)	Multimedia presentations as class assignments	20.0	16.0	34.0	14.0	16.0
g)	Textual analysis programs (e.g., Atlas)	26.0	12.0	20.0	2.0	40.0
h)	Other (specify):	60.0	0.0	20.0	0.0	20.0

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

Resource	N	%
Nowhere	0	0.0
Colleague/Faculty/Friend	9	15.0
Department/Office	25	41.7
UW resource/Catalyst	9	15.0
Web resource	1	1.7
Other	1	1.7
No Answer (missing)	15	25.0

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

Service	N	%
Improve access	7	18.4
Improve support	13	34.2
Workshops/courses	12	31.6
Improve classroom capabilities	7	18.4

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

Skill	N	%
Use email	14	41.2
Use word processing software	22	64.7
Have Web access	22	64.7
Use database or spreadsheet software	4	11.8

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

Skill	N	%
Use email	6	18.2
Use word processing software	9	27.3
Have Web access	21	63.6
Use database or spreadsheet software	11	33.3

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	4	12.1
Computer labs with assistance	16	48.5
Instruction/workshops	12	36.4
Programs define/require skills courses	2	6.1

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 <u>by writing the corresponding letter</u> in the appropriate space below.

		Preferred by (%)			**Preferred by (%)**
a)	None	0.0	l)	Laptop hook-up on podium	63.3
b)	Overhead projector (for transparencies)	78.3	m)	Multi-media (computer) projector	68.3
c)	Television	38.3	n)	Other (specify):	1.7
d)	VCR	61.7			
e)	Video disc player	13.3			
f)	DVD	13.3			
g)	Film projector	11.7			
h)	Slide projector	45.0			
i)	Audio tape player	20.0			
j)	CD player	30.0			
k)	Permanent computer at podium	63.3			

1st most preferred:	MULTIMEDIA	38%
	OVERHEADS	23%
2nd most preferred:	OVERHEADS	19%
	COMPUTER	19%
3rd most preferred:	OVERHEADS	17%
	VCR	17%

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

Resource	N	%
Computer access	16	48.5
Multimedia	22	66.7
Personal help	0	0.0

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</u> them, would you like to?**		**If you <u>have used</u> them, did you have technical problems? (describe)**		
		Yes	% Yes	No	Yes	No	Yes	
a)	multi-media classrooms	22	39.3	3 (37.5)	5 (62.5)	10 (52.6)	9 (47.4)	MALFUNCTION: *n*=8
b)	collaboratories	20	64.5	5 (50.0)	5 (50.0)	7 (33.3)	14 (66.7)	MALFUNCTION: *n*=0

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

Small (<30): 58.3%   Intermediate (30-80): 60.0%   Large (80-200): 40.0%   Very large (200+): 36.7%