



Faculty Survey on Instructional Technology 2001: School of Pharmacy Frequencies

About You

Survey Mode:	N	%
Online	12	34.3
Paper	23	65.7

2. Rank:	N	%
1) Full Professor	8	22.9
2) Associate Professor	10	28.6
3) Assistant Professor	9	25.7
4) Instructor	1	2.9
5) Lecturer	2	5.7
6) Teaching Assistant	2	5.7
7) Other (specify):	3	8.6
TOTAL	35	

3. Are you tenured?	N	%
No	20	60.6
Yes	13	39.4

4. Current appointment:	N	%
a. 1) Part-time	7	25.0
2) Full-time	21	75.0
TOTAL	28	
b. 1) Regular	4	50.0
2) Adjunct	4	50.0
3) Temporary	0	0.0
TOTAL	8	

5. Do you serve in an administrative capacity?

	N	%
1) No	25	78.1
2) Yes, Dean	0	0.0
Yes, Chair/Chief	2	6.3
Yes, Director	4	12.5
Yes, Other	1	3.1
TOTAL	32	

6. Highest degree

	N	%
BS/BA	2	6.1
MS/MS	4	12.1
MD/DDS	8	24.2
PhD/EdD	13	39.4
Other	6	18.2
TOTAL	33	

Year received highest degree

	N	%
thru 1969	2	9.5
1970s	4	19.0
1980s	7	33.3
1990-94	3	14.3
1995+	5	23.8
TOTAL	21	

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	-	-	1.2	69	1.5	36	1.7	66
Discussion seminars	.5	8	.5	15	1.3	19	1.2	19
Other (e.g., lab, practicum):	-	-	1.0	9	2.0	19	1.5	14

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	
0.0	6.1	57.6	27.3	9.1	33

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.	2.9	1 st most preferred: <u>WORKSHOPS</u> 26% <u>EXPLORING</u> 23% <u>COLLEAGUES</u> 23%
b) Workshops	45.7	
c) On-line computer classes	34.3	
d) Books, journals, tutorials	45.7	2 nd most preferred: <u>EXPLORING</u> 19% <u>BOOKS</u> 16% <u>LOCAL SUPP.</u> 16%
e) Exploring, experimenting	68.6	
f) Help from colleagues, friends, family	68.6	
g) Telephone consultants	42.9	3 rd most preferred: <u>COLLEAGUES</u> 27% <u>EXPLORING</u> 17%
h) Local technical support	40.0	
i) Conferences in your discipline	17.1	
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	2.9	0.0	2.9	0.0	0.0	8.8	85.3	34
b) Classroom	53.3	3.3	13.3	3.3	20.0	6.7	0.0	30
d) Home	0.0	0.0	0.0	0.0	0.0	12.1	87.9	33
e) While traveling	15.6	6.3	28.1	9.4	15.6	9.4	15.6	32
d) Other (specify): _____	0.0	0.0	50.0	0.0	0.0	0.0	50.0	2

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)	71.4	41.7	25.0	33.3	25
b) Macintosh (MAC)	25.7	50.0	20.0	30.0	9
c) Unix Workstation	14.3	0.0	25.0	75.0	5
d) Printer	80.0	23.1	26.9	50.0	28
e) Scanner	37.1	0.0	46.2	53.8	13
f) Drives, diskettes, etc. for file back-up	68.6	42.9	19.0	38.1	24
g) Digital camera	14.3	25.0	50.0	25.0	5
h) Other (specify): _____	0.0	-	-	-	0

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	11.4	35
b) I don't know what kind of connection I use.	5.7	0.0	0.0	35
c) Campus network	88.6	2.9	0.0	35
d) Regular modem	2.9	74.3	54.3	35
e) Cable modem	0.0	14.3	0.0	35
f) Digital Subscriber Line (DSL) modem	0.0	8.6	0.0	35
g) Wireless	0.0	0.0	0.0	35
h) Other (specify): _____	0.0	2.9	0.0	35

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	20.6	32.4	20.6	26.5	0.0	34
b) reliability	14.7	20.6	32.4	32.4	0.0	34

14. Do you ...

	No	Yes	N
a) have exclusive use of a computer at the UW?	23.5	76.5	34
b) communicate with email at work?	2.9	97.1	34
c) communicate with email at home?	2.9	97.1	34
d) have a non-UW email account?	23.5	76.5	34
e) transfer files between work and home?	8.8	91.2	34

If yes, which method do you use most often? (N=31)

1) 3.5" floppy:	22.6%	4) Other high capacity disk	0.0%	7) FTP (Fetch, WS-FTP)	22.6%
2) ZIP disk:	16.1	5) CD burner	0.0	8) Other (specify):	3.2
3) Jazz disk	3.2	6) Email attachment	32.3		

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	8.8	0.0	8.8	20.6	61.8
b) Spreadsheet (e.g., Excel)	8.8	2.9	20.6	2.9	14.7	26.5	23.5
c) Presentation (e.g., PowerPoint)	11.8	2.9	20.6	8.8	23.5	29.4	2.9
d) Email (e.g., Pine, Outlook, Eudora)	2.9	0.0	2.9	2.9	8.8	5.9	76.5
e) Calendar/scheduling	38.2	0.0	0.0	0.0	14.7	2.9	44.1
f) Internet/Web access (e.g, Navigator)	0.0	0.0	2.9	8.8	8.8	11.8	67.6
g) Web (HTML) editors (e.g., Frontpage)	64.7	2.9	5.9	0.0	17.6	2.9	5.9
h) Catalyst web-based tools	86.7	6.7	3.3	0.0	3.3	0.0	0.0
i) Courseware (e.g., WebCT, Blackboard)	96.7	0.0	3.3	0.0	0.0	0.0	0.0
j) Publishing (e.g., Acrobat, PageMaker)	46.9	3.1	9.4	6.3	18.8	6.3	9.4
k) Graphics (e.g., Photoshop)	48.5	3.0	27.3	0.0	18.2	3.0	0.0
l) Multimedia authoring software	87.5	6.3	0.0	3.1	3.1	0.0	0.0
m) Database (e.g., ACCESS, FileMaker)	56.3	3.1	6.3	6.3	12.5	3.1	12.5
n) Video editing software	93.8	3.1	0.0	3.1	0.0	0.0	0.0
o) Statistical analysis software	51.5	6.1	12.1	0.0	15.2	9.1	6.1
p) Software to record/manage grades	63.3	3.3	6.7	0.0	10.0	10.0	6.7
q) Modeling or simulations	87.9	0.0	3.0	3.0	3.0	0.0	3.0
r) Overhead transparencies	9.1	3.0	24.2	9.1	27.3	24.2	3.0
s) Slides, filmstrips and/or movies	42.4	0.0	33.3	0.0	18.2	6.1	0.0
t) Video and/or audio tape	59.4	15.6	18.8	3.1	3.1	0.0	0.0
u) Digital video and/or audio	90.3	6.5	0.0	3.2	0.0	0.0	0.0
v) Computer-projected presentations	36.4	6.1	18.2	0.0	24.2	15.2	0.0
w) Video conferencing	90.6	3.1	6.3	0.0	0.0	0.0	0.0
x) 3-D modeling	96.9	0.0	0.0	3.1	0.0	0.0	0.0
y) Computer-generated animat/graphics	93.8	0.0	0.0	3.1	3.1	0.0	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)	0.0	90.6	9.4	32
b) WebQ (survey/quiz generator)	9.1	84.8	6.1	33
c) Epost (discussion board)	0.0	96.9	3.1	32
d) Umail (feedback form)	3.1	93.8	3.1	32
e) E-submit (assignment turn-in)	3.1	93.8	3.1	32
f) Web Templates (course webpage)	17.6	79.4	2.9	34
* <u>Any</u> Catalyst tool (derived from items a-f)	22.9	77.1	--	35

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.	54.3	l) There is no incentive (e.g., leave time, contribution toward tenure, financial).	31.4
b) I don't have the necessary skills.	37.1	m) I'm not convinced it would improve student learning.	22.9
c) I don't know how to get access.	25.7	n) Students may not be proficient.	8.6
d) I need upgraded hardware.	28.6	o) It's too much trouble.	22.9
e) I don't have adequate development tools.	17.1	p) It costs too much.	8.6
f) The applications and media I want to use don't run on machines in the classrooms.	14.3	q) Other (specify):	5.7
g) I don't have technical support in my department.	31.4	1 st highest concern: <u>SKILLS</u>	31%
h) I don't have on-site (e.g., classroom, lab) support.	20.0	<u>TIME</u>	24%
i) I don't have pedagogical support.	8.6	2 nd highest concern: <u>TIME</u>	15%
j) I'm not sure how to legally use copyrighted materials.	8.6	3 rd highest concern: <u>TIME</u>	17%
k) I'm concerned about losing my own intellectual property rights.	2.9	<u>HARDWARE</u>	13%
		<u>DEPT. SUPP.</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	11.8	11.8	35.3	35.3	5.9
b) Facilitate class discussions	18.2	39.4	21.2	9.1	12.1
c) Post student work	30.3	27.3	24.2	9.1	9.1
d) Access on-line course reserves	21.2	30.3	30.3	15.2	3.0
e) Gather information via on-line quizzes or surveys	28.1	25.0	37.5	3.1	6.3
f) Manage course grades	30.3	15.2	51.5	0.0	3.0
g) Submit final course grades	21.2	9.1	66.7	0.0	3.0
h) Access on-line materials archives	14.7	17.6	47.1	20.6	0.0
i) Conduct simulations or visualizations	47.1	11.8	35.3	0.0	5.9
j) Conduct research	36.4	27.3	15.2	21.2	0.0
k) Use Geographical Information System (GIS) or other spatial display of information	60.6	9.1	3.0	0.0	27.3
l) Present work to other people at the UW	30.3	42.4	12.1	9.1	6.1
m) Present work to other people around the world	36.4	42.4	12.1	3.0	6.1
n) Facilitate collaboration with people at the UW	24.2	33.3	24.2	9.1	9.1
o) Facilitate collaboration with people around the world	27.3	30.3	24.2	9.1	9.1
p) Perform compositions, dances, or other music/art activities	87.5	3.1	0.0	0.0	9.4
q) Other (specify):	75.0	0.0	25.0	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	14.7	32.4	52.9	0.0
b) Audio/video clips, animation, or slides	18.8	43.8	18.8	15.6	3.1
c) Videoconferencing	43.8	28.1	18.8	3.1	6.3
d) Streaming video	48.4	19.4	12.9	0.0	19.4
e) Computer simulations	39.4	21.2	18.2	6.1	15.2
f) Multimedia presentations as class assignments	33.3	30.3	6.1	15.2	15.2
g) Textual analysis programs (e.g., Atlas)	54.8	6.5	0.0	0.0	38.7
h) Other (specify):	100.0	0.0	0.0	0.0	0.0

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

Resource	N	%
Nowhere	0	0.0
Colleague/Faculty/Friend	9	25.7
Department/Office	5	14.3
UW resource/Catalyst	2	5.7
Web resource	0	0.0
Other	3	8.6
No Answer (missing)	16	45.7

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

Service	N	%
Improve access	3	21.4
Improve support	7	50.0
Workshops/courses	5	35.7
Improve classroom capabilities	1	7.1

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

Skill	N	%
Use email	4	33.3
Use word processing software	6	50.0
Have Web access	4	33.3
Use database or spreadsheet software	3	25.0

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

Skill	N	%
Use email	4	28.6
Use word processing software	2	14.3
Have Web access	3	21.4
Use database or spreadsheet software	2	14.3

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	3	30.0
Computer labs with assistance	3	30.0
Instruction/workshops	2	20.0
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	68.6
b) Overhead projector (for transparencies)	91.4	m) Multi-media (computer) projector	57.1
c) Television	25.7	n) Other (specify):	5.7
d) VCR	42.9	1st most preferred:	<u>MULTI-MEDIA</u> 41%
e) Video disc player	2.9		<u>OVERHEADS</u> 31%
f) DVD	8.6	2nd most preferred:	<u>LAPTOP HOOKUP</u> 28%
g) Film projector	11.4		<u>OVERHEADS</u> 17%
h) Slide projector	71.4		<u>SLIDES</u> 17%
i) Audio tape player	11.4	3rd most preferred:	<u>OVERHEADS</u> 41%
j) CD player	8.6		<u>SLIDES</u> 22%
k) Permanent computer at podium	42.9		<u>LAPTOP HOOKUP</u> 22%

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

Resource	N	%
Computer access	6	46.2
Multimedia	7	53.8
Personal help	0	0.0

27. UW currently maintains ten general-access multi-media classrooms (permanent computer at podium with projection capabilities), and two laboratories (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	7	21.9	2 (25.0)	6 (75.0)	4 (80.0)	1 (20.0)
b) laboratories	9	36.0	5 (62.5)	3 (37.5)	3 (42.9)	4 (57.1)

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

Small (<30): 42.9% Intermediate (30-80): 65.7% Large (80-200): 34.3% Very large (200+): 17.1%