UNIVERSITY OF WASHINGTON

Faculty Survey on Instructional Technology 2001: School of Dentistry Frequencies

About You

Survey Mode:		N	%
	Online	11	22.4
	Paper	38	77.6

2. Rank:

		N	%
1)	Full Professor	15	31.9
2)	Associate Professor	12	25.5
3)	Assistant Professor	8	17.0
4)	Instructor	2	4.3
5)	Lecturer	5	10.6
6)	Teaching Assistant	0	0.0
7)	Other (specify):	5	10.6
	TOTAL	47	

3. Are you tenured?

	N	%
No	24	52.2
Yes	22	47.8

4. Current appointment:

			N	%
a.	1)	Part-time	12	25.5
	2)	Full-time	35	74.5
		TOTAL	47	
b.	1)	Regular	11	78.6
	2)	Adjunct	1	7.1
	3)	Temporary	2	14.3
		TOTAL	14	

5. Do you serve in an administrative capacity?

		N	%
1)	No	27	65.9
2)	Yes, Dean	1	2.4
	Yes, Chair/Chief	4	9.8
	Yes, Director	6	14.6
	Yes, Other	3	7.3
	TOTAL	41	

6. Highest degree

	N	%
BS/BA	1	2.1
MS/MS	8	17.0
MD/DDS	20	42.6
PhD/EdD	18	38.3
Other	0	0.0
TOTAL	47	

Year received highest degree

	N	%
thru 1969	11	30.6
1970s	12	33.3
1980s	6	16.7
1990-94	4	11.1
1995+	3	8.3
TOTAL	36	

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

Mean Number of …	Lower Division Courses	Lower Division Students	Upper Division Courses	Upper Division Students	Graduate Courses	Graduate Students	ALL LEVELS Courses	ALL LEVELS Students
Classroom lectures	0.0	262	1.4	58	2.1	54	2.1	79
Discussion seminars	0.0	263	0.8	33	2.5	16	2.5	49
Other (e.g., lab, practicum):	1.0	6	1.3	52	2.3	32	2.3	43

Your Use of Technology

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

0 Don't use	1 Novice	2 Intermediate	3 Advanced	4 Expert	N
2.1	12.5	43.8	41.7	0.0	48

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.	2.0
b)	Workshops	53.1
c)	On-line computer classes	20.4
d)	Books, journals, tutorials	28.6
e)	Exploring, experimenting	44.9
f)	Help from colleagues, friends, family	67.3
g)	Telephone consultants	10.2
h)	Local technical support	57.1
i)	Conferences in your discipline	16.3
j)	Other (specify):	7.3

1st most preferred:
WORKSHOPS	36%
COLLEAGUES	29%

2nd most preferred:
LOCAL SUPT.	32%
COLLEAGUES	23%

3rd most preferred:
WORKSHOPS	19%
COLLEAGUES	19%
LOCAL SUPT.	17%

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	4.2	0.0	0.0	0.0	2.1	0.0	93.8	48
b)	Classroom	36.6	7.3	22.0	12.2	7.3	4.9	9.8	41
d)	Home	2.1	0.0	4.3	4.3	6.4	29.8	53.2	47
e)	While traveling	36.4	6.8	22.7	6.8	11.4	4.5	11.4	44
d)	Other (specify):	55.6	0.0	0.0	0.0	11.1	0.0	33.3	9

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)	83.7	45.0	17.5	37.5	41
b)	Macintosh (MAC)	20.4	45.5	0.0	54.5	10
c)	Unix Workstation	2.0	100.0	0.0	0.0	1
d)	Printer	87.8	31.0	14.3	54.8	43
e)	Scanner	49.0	40.7	40.7	18.5	24
f)	Drives, diskettes, etc. for file back-up	59.2	43.5	26.1	30.4	29
g)	Digital camera	28.6	92.9	7.1	0.0	14
h)	Other (specify):	10.2	0.0	80.0	20.0	5

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

		at the UW?	at home?	while traveling?	N
a)	None	4.1	4.1	16.3	49
b)	I don't know what kind of connection I use.	2.0	0.0	2.0	49
c)	Campus network	87.8	14.3	6.1	49
d)	Regular modem	4.1	55.1	20.4	49
e)	Cable modem	0.0	20.4	0.0	49
f)	Digital Subscriber Line (DSL) modem	0.0	14.3	0.0	49
g)	Wireless	0.0	2.0	0.0	49
h)	Other (specify):	0.0	2.0	0.0	49

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	21.3	14.9	34.0	23.4	6.4	47
b)	reliability	11.9	11.9	40.5	28.6	7.1	42

14. Do you …

		No	Yes	N
a)	have exclusive use of a computer at the UW?	12.5	87.5	48
b)	communicate with email at work?	4.2	95.8	48
c)	communicate with email at home?	12.5	87.5	48
d)	have a non-UW email account?	41.7	58.3	48
e)	transfer files between work and home?	33.3	66.7	48

If yes, which method do you use most often? (N=36)

1)	3.5" floppy:	22.2%	4)	Other high capacity disk	0.0%	7)	FTP (Fetch, WS-FTP)	5.6%
2)	ZIP disk:	41.7	5)	CD burner	0.0	8)	Other (specify):	8.3
3)	Jazz disk	0.0	6)	Email attachment	22.2			

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	6.5	4.3	0.0	4.3	2.2	8.7	73.9
b) Spreadsheet (e.g., Excel)	19.6	8.7	6.5	8.7	30.4	19.6	6.5
c) Presentation (e.g., PowerPoint)	17.4	2.2	17.4	13.0	23.9	19.6	6.5
d) Email (e.g., Pine, Outlook, Eudora)	6.4	0.0	2.1	0.0	2.1	4.3	85.1
e) Calendar/scheduling	51.1	2.2	0.0	0.0	2.2	8.9	35.6
f) Internet/Web access (e.g, Navigator)	4.3	2.2	2.2	8.7	8.7	21.7	52.2
g) Web (HTML) editors (e.g., Frontpage)	79.1	0.0	4.7	4.7	4.7	2.3	4.7
h) Catalyst web-based tools	92.9	2.4	4.8	0.0	0.0	0.0	0.0
i) Courseware (e.g., WebCT, Blackboard)	97.6	0.0	2.4	0.0	0.0	0.0	0.0
j) Publishing (e.g., Acrobat, PageMaker)	62.8	2.3	11.6	2.3	9.3	7.0	4.7
k) Graphics (e.g., Photoshop)	34.1	0.0	13.6	11.4	18.2	13.6	9.1
l) Multimedia authoring software	83.3	4.8	4.8	4.8	2.4	0.0	0.0
m) Database (e.g., ACCESS, FileMaker)	69.8	4.7	9.3	7.0	4.7	2.3	2.3
n) Video editing software	86.0	2.3	4.7	2.3	4.7	0.0	0.0
o) Statistical analysis software	53.3	6.7	13.3	8.9	6.7	6.7	4.4
p) Software to record/manage grades	79.1	0.0	4.7	2.3	4.7	4.7	4.7
q) Modeling or simulations	95.1	0.0	2.4	2.4	0.0	0.0	0.0
r) Overhead transparencies	31.1	8.9	15.6	8.9	20.0	13.3	2.2
s) Slides, filmstrips and/or movies	21.7	8.7	13.0	8.7	13.0	30.4	4.3
t) Video and/or audio tape	48.9	11.1	17.8	4.4	4.4	11.1	2.2
u) Digital video and/or audio	75.0	7.5	7.5	2.5	5.0	2.5	0.0
v) Computer-projected presentations	48.9	6.7	11.1	8.9	17.8	6.7	0.0
w) Video conferencing	95.3	2.3	2.3	0.0	0.0	0.0	0.0
x) 3-D modeling	97.7	2.3	0.0	0.0	0.0	0.0	0.0
y) Computer-generated animat/graphics	79.1	4.7	2.3	0.0	9.3	2.3	2.3
z) Other (specify):	76.9	0.0	7.7	7.7	0.0	0.0	7.7

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

		Yes	No	Don't know	N
a)	Peer Review (collaboration tool)	0.0	97.8	2.2	49
b)	WebQ (survey/quiz generator)	2.2	95.7	2.2	49
c)	Epost (discussion board)	4.3	93.5	2.2	49
d)	Umail (feedback form)	2.2	93.3	4.4	49
e)	E-submit (assignment turn-in)	0.0	97.8	2.2	49
f)	Web Templates (course webpage)	7.0	90.7	2.3	49
*	<u>Any</u> Catalyst tool (derived from items a-f)	12.2	87.8	--	49

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.	44.9
b)	I don't have the necessary skills.	55.1
c)	I don't know how to get access.	16.3
d)	I need upgraded hardware.	16.3
e)	I don't have adequate development tools.	16.3
f)	The applications and media I want to use don't run on machines in the classrooms.	6.1
g)	I don't have technical support in my department.	18.4
h)	I don't have on-site (e.g., classroom, lab) support.	12.2
i)	I don't have pedagogical support.	18.4
j)	I'm not sure how to legally use copyrighted materials.	14.3
k)	I'm concerned about losing my own intellectual property rights.	14.3

		A concern of (%)
l)	There is no incentive (e.g., leave time, contribution toward tenure, financial).	28.6
m)	I'm not convinced it would improve student learning.	26.5
n)	Students may not be proficient.	8.2
o)	It's too much trouble.	18.4
p)	It costs too much.	14.3
q)	Other (specify):	4.1

1st highest concern: TIME — 37%
  SKILLS — 29%

2nd highest concern: SKILLS — 24%
  TIME — 21%

3rd highest concern: DEPT. SUPPORT — 17%

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	16.3	4.7	58.1	18.6	2.3
b)	Facilitate class discussions	38.6	25.0	25.0	6.8	4.5
c)	Post student work	52.3	13.6	20.5	4.5	9.1
d)	Access on-line course reserves	34.1	22.7	27.3	9.1	6.8
e)	Gather information via on-line quizzes or surveys	37.2	25.6	27.9	2.3	7.0
f)	Manage course grades	45.7	17.4	28.3	4.3	4.3
g)	Submit final course grades	40.4	14.9	40.4	0.0	4.3
h)	Access on-line materials archives	20.5	20.5	38.6	13.6	6.8
i)	Conduct simulations or visualizations	36.4	25.0	27.3	2.3	9.1
j)	Conduct research	27.9	27.9	23.3	11.6	9.3
k)	Use Geographical Information System (GIS) or other spatial display of information	44.2	14.0	14.0	0.0	27.9
l)	Present work to other people at the UW	34.1	22.7	18.2	13.6	11.4
m)	Present work to other people around the world	28.9	37.8	17.8	6.7	8.9
n)	Facilitate collaboration with people at the UW	26.7	31.1	22.2	13.3	6.7
o)	Facilitate collaboration with people around the world	26.7	37.8	20.0	8.9	6.7
p)	Perform compositions, dances, or other music/art activities	85.7	2.4	2.4	0.0	9.5
q)	Other (specify):	71.4	0.0	0.0	0.0	28.6

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	8.5	10.6	25.5	53.2	2.1
b) Audio/video clips, animation, or slides	21.3	8.5	48.9	19.1	2.1
c) Videoconferencing	51.1	22.2	17.8	0.0	8.9
d) Streaming video	35.6	11.1	24.4	4.4	24.4
e) Computer simulations	31.8	20.5	31.8	0.0	15.9
f) Multimedia presentations as class assignments	31.9	19.1	29.8	10.6	8.5
g) Textual analysis programs (e.g., Atlas)	46.5	9.3	9.3	0.0	34.9
h) Other (specify):	87.5	0.0	0.0	0.0	12.5

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

Resource	N	%
Nowhere	0	0.0
Colleague/Faculty/Friend	9	18.4
Department/Office	17	34.7
UW resource/Catalyst	3	6.1
Web resource	0	0.0
Other	4	8.2
No Answer (missing)	16	32.7

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	12.5
Improve support	8	33.3
Workshops/courses	13	54.2
Improve classroom capabilities	4	16.7

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

Skill	N	%
Use email	4	15.4
Use word processing software	9	34.6
Have Web access	8	30.8
Use database or spreadsheet software	2	7.7

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

Skill	N	%
Use email	7	36.8
Use word processing software	3	15.8
Have Web access	6	31.6
Use database or spreadsheet software	3	15.8

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	6	31.6
Computer labs with assistance	1	5.3
Instruction/workshops	3	15.8
Programs define/require skills courses	2	10.5

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 (%)
a)	None	2.0
b)	Overhead projector (for transparencies)	69.4
c)	Television	30.6
d)	VCR	51.0
e)	Video disc player	8.2
f)	DVD	14.3
g)	Film projector	10.2
h)	Slide projector	85.7
i)	Audio tape player	6.1
j)	CD player	6.1
k)	Permanent computer at podium	44.9

		Preferred by (%)
l)	Laptop hook-up on podium	65.3
m)	Multi-media (computer) projector	57.1
n)	Other (specify):	10.2

1st most preferred:	SLIDES	40%
	MULTI-MEDIA	21%
2nd most preferred:	SLIDES	29%
	OVERHEADS	24%
3rd most preferred:	MULTI-MEDIA	23%
	OVERHEADS	15%
	SLIDES	15%

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

Resource	N	%
Computer access	8	34.8
Multimedia	15	65.2
Personal help	1	4.3

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	13	27.7	2 (28.6)	5 (71.4)	8 (80.0)	2 (20.0)
b)	collaboratories	14	45.2	3 (42.9)	4 (57.1)	5 (41.7)	7 (58.3)

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

Small (<30): 49.0%   Intermediate (30-80): 61.2%   Large (80-200): 28.6%   Very large (200+): 18.4%