

FACULTY PERSPECTIVES ON INFORMATION TECHNOLOGY

(Short Version) – draft 4/21/99

GENERAL INFORMATION

Department or Unit _____

Type of position held

- a. ladder faculty (research & teaching)
- b. non-ladder teaching faculty
- c. non-ladder research faculty

Which best describes your familiarity with computers, i.e., your ability to install software, learn new applications, create web pages, perform basic maintenance:

- a. need assistance from staff or colleagues
- b. can perform common tasks with minimal assistance in person or by phone
- c. can maintain hardware and software and consult with on-line services

Please indicate the approximate percentages of **how** your computing time is spent:

_____ % E-mail
_____ % Word processing
_____ % Web use for research and teaching
_____ % Non-web computing, programming, CD-ROM development
_____ % Other _____
_____ % Other _____
100 % TOTAL

Please indicate the approximate percentages of **where** your computing time is spent:

_____ % office computer
_____ % home computer
_____ % other computer (e.g., in a lab)
100 % TOTAL

A. INSTRUCTIONAL COMPUTING

Which of the following are you using now to support **your teaching**, which do you envision wanting to use within two years, and which are not of interest or relevance to your teaching? (If you don't teach, please proceed to Section B.)

	use now	will want to use within 2 years	probably won't use
e-mail to communicate with students	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
course syllabus on the web	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
course instructional material on the web	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
student assignments to search web	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
students assignments to put material on the web	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
commenting/marking up of student assignments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
computer presentations in class (e.g. <i>PowerPoint</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
computer-based tutoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
data analysis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
computer-based testing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
web-based management of grades, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
on-line course evaluations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Webster</i> (template to develop course webpages)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other: (please list)			

**Which of the above are your highest priorities (list 2):

B. RESEARCH COMPUTING

Which of the following are you using now to support **your research**, which do you envision wanting to use within two years, and which are not of interest or relevance to your research?

	use now	will want to use within 2 years	probably won't use
word processing program (<i>Word, Wordperfect</i> , etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
spreadsheet, database program (<i>Excel, Lotus, Dbase, 4D, Oracle</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
statistical program (<i>SPSS, Systat, SAS</i> , etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
discipline-specific data analysis program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
graphics program (<i>Photoshop, Infini-D</i> , etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
video program (<i>Premiere, AfterEffects</i> , etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
audio program (<i>SoundEdit</i> , etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e-mail to communicate with colleagues, submit work	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
listserv for a professional group	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
web searches for your research	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
creation of webpage for your own research (& related research)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
on-line journal that you edit or are on editorial board	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
on-line questionnaires for research purposes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SGML/VRML work	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
computer presentations for conferences (e.g. <i>PowerPoint</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other: (please list)			

**Which of the above are your highest priorities (list 2):

C. TECHNICAL SUPPORT

1. Have you had any of the following problems in the past 6 months? If no, go on to question 2.

If yes, where have you turned for help? Check all that apply.

PROBLEM/NEED	Colleague or student	Home Dept. staff	College-level staff	IC/MCL or Instructional Development	Off-campus source	Didn't know where to turn
Hardware problem (e.g., computer doesn't boot, monitor doesn't go on, peripherals don't work)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Software problem (software program doesn't work)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Networking problem with Ethernet in office (e-mail, access to web)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Connectivity from home (modem problem, ISP problem)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Classroom facilities don't work (e.g., connection to web)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lab facilities don't work (hardware or software problem)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchasing decision (hardware or software)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other: (please list)						

2. Have you ever received training in the development of research and/or instructional materials and if so where?

TRAINING	Colleague or student	Home Dept. staff	College-level staff	IC/MCL or Instructional Development	Off-campus source	Didn't know where to turn
Help with personal webpage development	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Help with course webpage development	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Help with research webpage development	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Help with producing multimedia materials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. If you need to learn something about using technology in your teaching or research, what are your preferred modes of learning? Please rank the following sources: 1 = most preferred, 2 = next most preferred, etc.

_____ written documentation

_____ on-line documentation

_____ class instruction (e.g., at IC/MCL or through Instructional Development)

_____ one-on-one tutoring (e.g., colleague, grad student, undergrad, IC staff, ID staff)

D. FUTURE NEEDS

1. What do you believe is the greatest need for faculty in enhancing its use of technology in **research**?

2. What do you believe is the greatest need for faculty in enhancing its use of technology in **teaching**?