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	❏	❏	❏
course syllabus on the web	❏	❏	❏
course instructional material on the web	❏	❏	❏
student assignments to search web	❏	❏	❏
students assignments to put material on the web	❏	❏	❏
commenting/marking up of student assignments	❏	❏	❏
computer presentations in class (e.g. *PowerPoint*)	❏	❏	❏
computer-based tutoring	❏	❏	❏
data analysis	❏	❏	❏
computer-based testing	❏	❏	❏
web-based management of grades, etc.	❏	❏	❏
on-line course evaluations	❏	❏	❏
Webster (template to develop course webpages)	❏	❏	❏

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 (*Word, Wordperfect,* etc.)	❏	❏	❏
spreadsheet, database program (*Excel, Lotus, Dbase, 4D, Oracle*)	❏	❏	❏
statistical program (*SPSS, Systat, SAS,* etc.)	❏	❏	❏
discipline-specific data analysis program	❏	❏	❏
graphics program (*Photoshop, Infini-D,* etc.)	❏	❏	❏
video program (*Premiere, AfterEffects,* etc.)	❏	❏	❏
audio program (*SoundEdit,* etc.)	❏	❏	❏
e-mail to communicate with colleagues, submit work	❏	❏	❏
listserv for a professional group	❏	❏	❏
web searches for your research	❏	❏	❏
creation of webpage for your own research (& related research)	❏	❏	❏
on-line journal that you edit or are on editorial board	❏	❏	❏
on-line questionnaires for research purposes	❏	❏	❏
SGML/VRML work	❏	❏	❏
computer presentations for conferences (e.g. *PowerPoint*)	❏	❏	❏

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)	❏	❏	❏	❏	❏	❏
Software problem (software program doesn't work)	❏	❏	❏	❏	❏	❏
Networking problem with Ethernet in office (e-mail, access to web)	❏	❏	❏	❏	❏	❏
Connectivity from home (modem problem, ISP problem)	❏	❏	❏	❏	❏	❏
Classroom facilities don't work (e.g., connection to web)	❏	❏	❏	❏	❏	❏
Lab facilities don't work (hardware or software problem)	❏	❏	❏	❏	❏	❏
Purchasing decision (hardware or software)	❏	❏	❏	❏	❏	❏

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	❏	❏	❏	❏	❏	❏
Help with course webpage development	❏	❏	❏	❏	❏	❏
Help with research webpage development	❏	❏	❏	❏	❏	❏
Help with producing multimedia materials	❏	❏	❏	❏	❏	❏

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**?