Information Technology and Scholarship
Faculty Study

DIRECTIONS: Please complete this questionnaire *whether or not you use computers.* For each question, check the appropriate box ☑ or complete as indicated. Not everyone will answer all questions. The questionnaire will direct you to the appropriate sections. If you do not know an answer, please provide your best estimate. The questionnaire will take you about 15 minutes to complete.

You may be assured of complete confidentiality. To receive a summary of the results, write your name and address on the back flap of the postage paid return envelope. Thank you for participating in this study.

Information Technology and Scholarship
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A. **This section asks you about your scholarly interests and activities. Also, we need some information about you for statistical purposes.**

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1. **Are your interests and activities primarily in teaching or in research?**
   (check one in each column)

Interest	Activity	
☐	☐	primarily in teaching
☐	☐	in both, but more in teaching
☐	☐	in both, but more in research
☐	☐	primarily in research

2. **Current academic rank?**
   - ☐ professor
   - ☐ associate professor
   - ☐ assistant professor
   - ☐ lecturer
   - ☐ other

3. **Gender:** ☐ male   ☐ female

4. **Year of birth:**_____

5. **Highest completed degree:** Year earned:_____
   ☐ Ph. D. or equiv.   ☐ Masters   ☐ Other

6. **Year of first appointment to this institution:**_____

7. **Tenure status:**
   ☐ not tenured   ☐ tenured   Year tenured:_____

8. **During this academic term, how many credit hours are you teaching each week:**_____

9. **During the past three years, have you engaged in any of the following activities?** (check all that apply)
   Won any professional awards?..☐
   Served on a major professional committee? ....☐
   Served on the editorial board of a major journal?...☐
   Served as the principal investigator or activity director for any externally funded
   research project?..☐
   Performed research on an externally funded project for which you were not the
   principal investigator or activity director ? ....☐

10. Did you have any publications or conference papers between September 1, 1991 and May 31, 1994?

     No *(please skip to Section B, below)*

     Yes ⎯⎯⎯┐
                  ↓

(If you have had publications)

11. Your responses for this section should be only for those works which have been published or accepted for publication in the time period between September 1, 1991 and May 31, 1994. <u>Indicate the actual number</u> of publications in each category. Use the most appropriate category, and do not count any publication in more than one category. You may leave a category blank to indicate no publications.

Category	Alone	Co-author
Scholarly books or monographs-include textbooks (you authored)		
Scholarly books or monographs-include textbooks (you edited)		
Article(s) in refereed journals		
Book review(s) in a refereed journal.		
Chapter(s) in a scholarly book		
Article(s) in magazines, newsletters, non-refereed journals, or newspapers		
Software/ electronic publication(s)		
Conference Paper(s)		
Other (please describe)		

(Please continue with Section B, below)

B.   The next few questions ask whether you use electronic mail, and if not, the reasons why.

12. **Do you use electronic mail?**

     ☐ Yes *(please skip to Section C on page 3)*

     ☐ No ⎯⎯⎯┐
                 ↓

*(If you do not use electronic mail)*

13. **Why don't you use electronic mail?** (check all that apply)

I do not have an electronic mail address/account ....☐
I have inadequate access to computer equipment ....☐
I do not know how electronic mail might benefit me.............☐
My computer equipment can not access electronic mail. ......☐
Few of my peers use electronic mail....................................☐
I can be more productive without using electronic mail. ....☐
Electronic mail is too difficult to use ....☐
Electronic mail is not confidential ....☐
I don't have the time to learn about electronic mail ....☐
There is inadequate user support ....☐
Other (please describe)..☐

Please skip to Section D on page 5

C. The next few questions ask about your use of electronic mail.

14. During this academic term, are you using electronic mail (e-mail) to communicate with faculty <u>on your campus</u>?

- ☐ No
- ☐ Yes
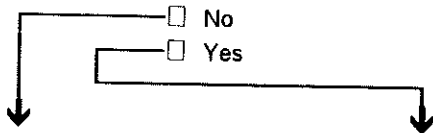
(If you do not use e-mail to communicate with faculty on your campus)

15N. The reason(s)<u>I do not use</u> this feature: (check all that apply)

I have difficulty finding e-mail addresses .... ☐
I prefer other means of communication such as
   telephone or meetings .... ☐
Few of my peers use e-mail .... ☐
This feature is too difficult to use .... ☐
I can be more productive without using e-mail ..... ☐
Other (please describe) .... ☐

(If you use e-mail to communicate with faculty on your campus)

15A. <u>I use</u> this feature on average (check one from each column)

	Send Message	Receive Message
< 1 time each week	☐	☐
1-4 times each week	☐	☐
5 or more times each week	☐	☐

15B. I first started using this feature in (check one)

1994 .... ☐
1992-1993 .... ☐
Before 1992 .... ☐

16. During this academic term, are you using e-mail to communicate with faculty <u>at other campuses</u>?

- ☐ No
- ☐ Yes
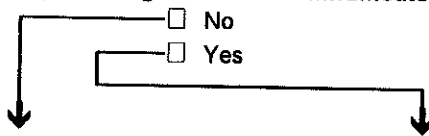
(If you do not use e-mail to communicate with faculty at other campuses)

17N. The reason(s)<u>I do not use</u> this feature: (check all that apply)

I have difficulty finding e-mail addresses ....: ☐
I prefer other means of communication such as
   telephone or meetings .... ☐
Few of my peers use e-mail .... ☐
This feature is too difficult to use .... ☐
I can be more productive without using e-mail ..... ☐
Other (please describe) .... ☐

(If you use e-mail to communicate with faculty at other campuses)

17A. <u>I use</u> this feature on average (check one from each column)

	Send Message	Receive Message
< 1 time each week	☐	☐
1-4 times each week	☐	☐
5 or more times each week	☐	☐

17B. I first started using this feature in (check one)

1994 .... ☐
1992-1993 .... ☐
Before 1992 .... ☐

18. Are you using e-mail to communicate with students during this academic term?

No

Yes

(If you do not use e-mail to communicate with students)

19N. The reason(s) I do not use this feature:
(check all that apply)

I have difficulty finding e-mail addresses .... ☐
I prefer other means of communication such as
    telephone or meetings........................ ....☐
Few of my students use e-mail...................... ......☐
This feature is too difficult to use................ ....☐
I can be more productive without using e-mail......☐
Other (please describe)............................... ......☐

(If you use e-mail to communicate with students)

19A. I use this feature on average
(check one from each column)

	Send Message	Receive Message
< 1 time each week	☐	☐
1-4 times each week	☐	☐
5 or more times each week	☐	☐

19B. I first started using this feature in (check one)
1994 .... ☐
1992-1993.. ☐
Before 1992 .... ☐

20. Below is a list of activities which you could do by electronic mail or other means such as telephone, postal mail, and meetings. For each activity, please indicate if you use electronic mail at least some of the time. (check all that apply)

Ask for assistance.. ☐
Submit research proposals to funding agencies............ ☐
Discuss proposals with funding agencies..................... ☐
Discuss on-going research with funding agencies......... ☐
Submit manuscripts to journals .... ☐
Discuss manuscripts with journal editors .... ☐
Participate in the work of campus committees.............. ☐
Participate in the work of off-campus committees......... ☐
Share manuscripts with colleagues.............................. ☐
Submit manuscript reviews to journals .... ☐

21. Have you used electronic mail in the writing process of a coauthored publication?
☐ Yes
☐ No

Please continue to Section D on next page

D.   The next few questions ask about whether you use certain network features, and if not, why.

22. Do you use any other form of computer networking (e.g. discussion groups, Gopher, online library catalogs, FTP, Telnet, or Bitnet)?

☐ Yes *(please skip to Section E, below)*

☐ No ⟶ ↓

(If you do not use computer networking)

23. Why don't you use computer networks? (check all that apply)

I have inadequate access to computer equipment............... ☐
I do not know how the network might benefit me................. ☐
My computer equipment can not access the network .... ☐
Few of my peers use the network.. ☐
I can be more productive without using the networkl. .... ☐
The network is too difficult to use....................................... ☐
The network is not confidential .... ☐
I don't have the time to learn about the network .... ☐
There is inadequate user support....................................... ☐
Other (please describe) .... ☐

Please skip to Section F on p.8

E.   This section asks about specific computer networking activities. Some of the network features may be unfamiliar to you. If so, there is a response which indicates that you are unfamiliar with that feature.

24. During this academic term, are you accessing electronic discussion groups (e.g. Listserv or Usenet groups) in your field or area(s) of your special interest?

☐ No
☐ Yes
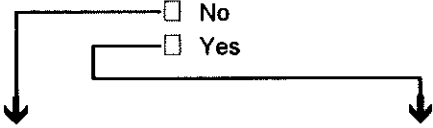
(If you do not use discussion groups)

25N. The reason(s)I do not use this feature: (check all that apply)

I am unfamiliar with this feature........................... ☐
I don't know how to find out about discussion groups useful for my field .... ☐
There is too much junk in discussion groups........ ☐
Few of my peers use this feature .... ☐
This feature is too difficult to use .... ☐
I don't know how this feature can benefit me........ ☐
I can be more productive without using this feature .... ☐
I don't have the time to learn about this feature.... ☐
I have inadequate access to the network............. ☐
There is too little campus support for this feature. ☐
Other (please specify) .... ☐

(If you use discussion groups)

25A. I use this feature on average (check one from each column)

	Send Message	Receive Message
< 1 time each week....................	☐	☐
1-4 times each week..................	☐	☐
5 or more times each week.........	☐	☐

25B. I first started using this feature in (check one)

1994 .... ☐
1992-1993... ☐
Before 1992... ☐

26. During this academic term, are you using an online library catalog (computerized card catalog) to your campus library?

☐ No
☐ Yes

(If you do not use your campus online library catalog)

27N. The reason(s)I do not use this feature:
(check all that apply)

I am unfamiliar with this feature .... ☐
My library is not automated .... ☐
This feature is too difficult to use .... ☐
I don't know how this feature can benefit me .... ☐
I can be more productive without
  using this feature .... ☐
I don't have the time to learn about this feature .... ☐
I have inadequate access to the network. .... ☐
There is too little campus support for this feature . ☐
Other (please specify) .... ☐

(If you use your campus online library catalog)

27A. I use this feature on average: (check one)

< 1 time each week .... ☐
1-4 times each week .... ☐
5 or more times each week .... ☐

27B. I first started using this feature in (check one)

1994 .... ☐
1992-1993 .... ☐
Before 1992 .... ☐

28. During this academic term, are you using Gopher or Mosaic to access information on other campuses, including off-campus library searches?

☐ No
☐ Yes

(If you do not use Gopher or Mosaic to access off-campus information)

29N. The reason(s)I do not use this feature:
(check all that apply)

I am unfamiliar with this feature .... ☐
There is too much junk on the network .... ☐
This feature is too difficult to use .... ☐
I don't know how this feature can benefit me .... ☐
I can be more productive without
  using this feature .... ☐
I don't have the time to learn about this feature .... ☐
I have inadequate access to the network. .... ☐
There is too little campus support for this feature . ☐
Other (please specify) .... ☐

(If you use Gopher or Mosaic to access off-campus information)

29A. I use this feature on average: (check one)

< 1 time each week .... ☐
1-4 times each week .... ☐
5 or more times each week .... ☐

29B. I first started using this feature in (check one)

1994 .... ☐
1992-1993 .... ☐
Before 1992 .... ☐

30. During this academic term, are you using programs other than Gopher or Mosaic to access information on other campuses, including off-campus library searches (e.g. FTP or Telnet directly to a remote computer)?

☐ No
☐ Yes
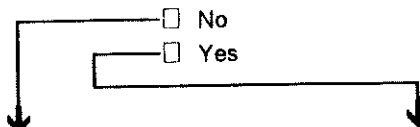
(If you do not use programs other than Gopher or Mosaic to access off-campus information)
31N. The reason(s) I do not use this feature:
(check all that apply)

I am unfamiliar with this feature............................ ☐
There is too much junk on the network................ ☐
This feature is too difficult to use .... ☐
I don't know how this feature can benefit me....... ☐
I can be more productive without
   using this feature.. ☐
I don't have the time to learn about this feature.... ☐
I have inadequate access to the network............. ☐
There is too little campus support for this feature. ☐
Other (please specify) .... ☐

(If you use programs other than Gopher or Mosaic to access off-campus information)
31A. I use this feature on average: (check one)

< 1 time each week.. ☐
1-4 times each week....................................... ☐
5 or more times each week.............................. ☐

31B. I first started using this feature in (check one)
1994 .... ☐
1992-1993.. ☐
Before 1992.. ☐

32. During this academic term, are you accessing any electronic journals?

☐ No
☐ Yes
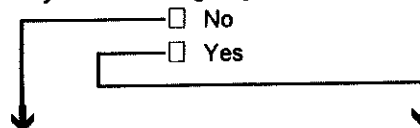
(If you do not access electronic journals)
33N. The reason(s) I do not use this feature:
(check all that apply)

I am unfamiliar with this feature........................ ☐
Electronic journals are insufficiently indexed .... ☐
I prefer hard copy .... ☐
Articles in electronic journals are poor quality ...... ☐
This feature is too difficult to use .... ☐
I don't know how this feature can benefit me....... ☐
I can be more productive without
   using this feature.. ☐
I don't have the time to learn about this feature.... ☐
I have inadequate access to the network............. ☐
There is too little campus support for this feature. ☐
Other (please specify) .... ☐

(If you access electronic journals)
33A. I use this feature on average: (check one)

< 1 time each week.. ☐
1-4 times each week....................................... ☐
5 or more times each week.............................. ☐

33B. I first started using this feature in (check one)

1994 .... ☐
1992-1993.. ☐
Before 1992.. ☐

Please continue to Section F on next page.

F. **This section asks about how electronic mail and network access affects aspects of your teaching and research activities.**

34. Do you use electronic mail or computer networking?

    ☐ No *(please skip to Section G on next page)*

    ☐ Yes ⟶ ↓

(If you use electronic mail or computer networking)

35. **What is your best judgment about how electronic mail and network access has benefited your scholarly activities?**

Research/Scholarly Activity	No benefit				Major benefit
	1	2	3	4	5
Scholarly productivity	☐	☐	☐	☐	☐
More timely access to information in my field	☐	☐	☐	☐	☐
Access to new tools for my research	☐	☐	☐	☐	☐
Access to new kinds of information resources for my research	☐	☐	☐	☐	☐
Less dependence on departmental communication with colleagues	☐	☐	☐	☐	☐
Enhanced contact with colleagues at other campuses	☐	☐	☐	☐	☐
Ability to collaborate with colleagues on other campuses	☐	☐	☐	☐	☐
Ability to collaborate with colleagues on my campus	☐	☐	☐	☐	☐
Quality of my scholarly work	☐	☐	☐	☐	☐
Enjoyment of my scholarly work	☐	☐	☐	☐	☐
Other (please specify)	☐	☐	☐	☐	☐

36. **What is your best judgment about how network access has benefited your teaching activities?**

Teaching/Instruction Activity	No benefit				Major benefit
	1	2	3	4	5
Access to new resources for my teaching	☐	☐	☐	☐	☐
Creativity in presenting material to students in new ways	☐	☐	☐	☐	☐
Ability to help students experiencing problems with course materials	☐	☐	☐	☐	☐
Enhanced contact with students	☐	☐	☐	☐	☐
Quality of my teaching	☐	☐	☐	☐	☐
Enjoyment of my teaching	☐	☐	☐	☐	☐
Other (please specify)	☐	☐	☐	☐	☐

G. Your access to computers both at home and on campus.

37. Do you use computers in a campus/department lab or in a public access facility?
    - ☐ No
    - ☐ Yes

38. Do you have a computer in your campus office or at home? (check all that apply)
    - ☐ no, I do not have a computer (*please skip to Section H on next page*)
    - ☐ office
    - ☐ home
    - ☐ both
    - ☐ portable

    (You use a computer at home or on campus)

39. Please provide some information about the computer(s) you use most often for your scholarly work. (check all that apply)

	office	home
IBM/compatible desktop system	☐	☐
IBM/compatible portable/notebook	☐	☐
Macintosh desktop system	☐	☐
Macintosh portable/notebook	☐	☐
Unix workstation	☐	☐
Mainframe or minicomputer terminal	☐	☐

40. What software is available on your computer?
    (check all that apply)

	Office			Home		
	on the com-puter	use weekly	use daily	on the com-puter	use weekly	use daily
word processing	☐	☐	☐	☐	☐	☐
spreadsheet	☐	☐	☐	☐	☐	☐
data base	☐	☐	☐	☐	☐	☐
statistical analysis	☐	☐	☐	☐	☐	☐
graphing/charting	☐	☐	☐	☐	☐	☐
bibliographic database	☐	☐	☐	☐	☐	☐
calendar/scheduling	☐	☐	☐	☐	☐	☐
instructional software/ courseware for my courses	☐	☐	☐	☐	☐	☐
telecommunications (accessing other computers)	☐	☐	☐	☐	☐	☐
other (indicate below the type of applications software most frequently used that is *not* in the list above):						
_____	☐	☐	☐	☐	☐	☐

41. Does your computer system(s) have any of the following? (check all that apply)

	office	home
network connection (Ethernet)	☐	☐
modem or fax-modem	☐	☐

H. Institutional questions. If you have been supplied with supplemental questions, please answer them below.

	1	2	3	4	5
42	☐	☐	☐	☐	
43	☐	☐	☐	☐	
44	☐	☐	☐	☐	
45	☐	☐	☐	☐	
46	☐	☐	☐	☐	
47	☐	☐	☐	☐	
48	☐	☐	☐	☐	
49	☐	☐	☐	☐	
50	☐	☐	☐	☐	
51	☐	☐	☐	☐	

I. Wrap-up.

Approximately how many minutes did it take you to get to this point in the questionnaire?_____

Is there anything else you would like to tell us about your use of information technology? If so, please use the space below and the back page for that purpose.

Also, any comments you wish to make that may help in future efforts to understand the role of technology in scholarship will be appreciated, either here or in a separate letter.

Thank you for completing the survey!

Please return your survey in the envelope provided. If you have lost the envelope, please return your completed questionnaire to:
    Canisius College Information Technology Services
    2001 Main St.
    Buffalo, N.Y. 14208

If you would like a copy of the summarized results, please write your name and address on the rear envelope flap.