SURVEY OF SCIENTIFIC SCHOLARLY JOURNAL READING AND USE

Your responses are confidential and data will be reported only in aggregated form. Because your answers are extremely important to the accuracy of our study, please answer the questionnaire even if you are unable to answer all the questions.

We’ve tried to keep the questionnaire as short and simple as possible and yet achieve our study objectives. Just circle the appropriate number (1, 2, 3, etc.), or write your answer in the space provided.

If you have any questions, please contact Carol Tenopir (ctenopir@utk.edu). Please return the completed survey with the next two weeks.

SECTION 1—SCHOLARLY ARTICLE READING

1. In the past month (30 days), approximately how many scholarly articles have you read? Articles include those found in journal issues, author Web sites, or separate copies such as preprints, reprints, and other electronic or paper copies. Reading is defined as going beyond the table of contents, title, and abstract to the body of the article.

   Number of articles read/used in the past month: _______ articles

All questions below refer to the scholarly article you read most recently. Please note that it does not matter how long ago this last article was read.

2. What is the title of the journal from which this last article was read or, if not from a journal, what is the topic of the article?

   Approximate journal title: _________________________________________________________

   or

   General topic of article:  __________________________________________________________

3. What is the source of the article you last read?

   Circle only the best answer

   Journal…………………………………………………………………………………………. 1
   Author’s Web site……………………………………………………………………………. 2
   Preprint (e.g., digital e-print archive)……………………………………………………. 3
   Other (please specify)………………………………………………………………………. 4

4. From this same source (e.g. journal, author’s Web site, preprint archive), how many articles did you read in the last year (12 months)?

   ________________ articles

5. What is the year of the article you last read (e.g., 1999, 2000, etc.)? _______

6. Had you read this article prior to this particular reading? (Circle one)

   Yes … 1
   No … 2
7. Prior to your first reading of this article, did you know about the information reported or discussed in this article? (Circle one)

Yes … 1
No … 2

8. How thoroughly did you read this article? (Circle one)

With great care ................................................. 1
With attention to the main points ....................... 2
Just to get the idea ........................................ 3

9. Please indicate your best estimate of the time in minutes that you spent reading this article the most recent time.

_______ minutes

10. How did you initially find out about this last article you read? Circle only the best answer

a. Found while browsing in:
   i. A personal print subscription .................................................. 1
   ii. A personal electronic subscription ......................................... 2
   iii. A library print subscription .................................................. 3
   iv. A library electronic subscription ......................................... 4
   v. A subscription copy in a print department collection ............... 5
   vi. Other digital collection: (Please specify) _____________________________ ...... 6
b. Cited in another publication .......................................................... 7
c. Another person (e.g., a colleague) told me about it ......................... 8
d. Found while I (or someone on my behalf) was searching:
   i. A scientific indexing/abstracting database (e.g., BIOSIS, PubScience, Chemical Abstracts, SPIN, or Engineering Index) .................. 9
   ii. Web search engine (e.g., Yahoo, AltaVista, Excite, Netscape) ........ 10
   iii. Online journal collections (e.g., HighWire, ScienceDirect) ............ 11
   iv. A current awareness service (e.g., Current Contents)
       Print version ........................................................................... 12
       Electronic version ..................................................................... 13
   v. A preprint/e-print service ........................................................... 14
e. Other or don’t know (please specify): _________________________________ ......... 15

11. From what source/form did you last read this article? Circle only the best answer

a. A personal print subscription .................................................. 1
b. A personal electronic subscription ........................................... 2
c. A library print subscription ...................................................... 3
d. A library electronic subscription ............................................. 4
e. A free Web journal ................................................................. 5
f. A print subscription located in a shared department, unit, etc., collection .......... 6
g. A separate copy of an article:
   i. Preprint .................................................................................... 7
   ii. Reprint ................................................................................... 8
   iii. Personal copy ......................................................................... 9
   iv. Copy from a colleague, author, etc. ....................................... 10
   v. Interlibrary loan ..................................................................... 11
   vi. Document delivery service .................................................. 12
   vii. Author’s Web site ............................................................... 13
h. Other (please specify) .................................................................. 14
12. In what form was the article when last read? Circle only the best answer

- Print copy (e.g., offset print) ......................................................... 1
- Photocopy ................................................................. 2
- Facsimile copy ............................................................. 3
- Online computer screen .................................................. 4
- Previously downloaded, on computer screen ............................... 5
- Downloaded, paper copy .................................................. 6
- Other (please specify) _______________________________________ 7

13. Approximately, how much time (in minutes) did you, and/or someone else on your behalf (e.g., graduate student, lab assistant, librarian), spend in each of the following activities? (If no time was spent please circle 0)

   Time in minutes

   Browse or search for the article:
   - Your own time ......................................................... 0 ...... or ____________ minutes
   - Someone else’s time on your behalf ....................... 0 ...... or ____________ minutes

   Locate where the article is:
   - Your own time ......................................................... 0 ...... or ____________ minutes
   - Someone else’s time on your behalf ....................... 0 ...... or ____________ minutes

   Obtain, request, receive, or display the article:
   - Your own time ......................................................... 0 ...... or ____________ minutes
   - Someone else’s time on your behalf ....................... 0 ...... or ____________ minutes

   Download the article:
   - Your own time ......................................................... 0 ...... or ____________ minutes
   - Someone else’s time on your behalf ....................... 0 ...... or ____________ minutes

   Photocopy or print out the article:
   - Your own time ......................................................... 0 ...... or ____________ minutes
   - Someone else’s time on your behalf ....................... 0 ...... or ____________ minutes

   Other: (Please specify) __________________________

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**SECTION 2—PURPOSES & CONSEQUENCES OF THE LAST ARTICLE READING**

14. For what purposes have you used, or do you plan to use, the information obtained from the article you last read?

<table>
<thead>
<tr>
<th>Principal Purpose</th>
<th>All Other Purposes</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Circle only the best one)</td>
<td>(Circle all that apply)</td>
</tr>
</tbody>
</table>

   - Primary research ..................................................... 1 2
   - Background research .................................................. 1 2
   - Teaching ................................................................. 1 2
   - Administration ........................................................... 1 2
   - Writing proposals, reports, article, etc. ...................................... 1 2
   - Consulting, advising others ................................................ 1 2
   - Internal or external presentations ........................................... 1 2
   - Current awareness/keeping up ................................................ 1 2
   - Continuing education for self ................................................ 1 2
   - Other (please specify) __________________________________________ 1 2
15. In what ways did the reading of the article affect the principal purpose? Circle all that apply

- It improved the result ................................................................. 1
- It narrowed/broadened/changed the focus .................................... 2
- It inspired new thinking/ideas .................................................. 3
- It resulted in collaboration/joint research .................................... 4
- It resulted in faster completion .................................................. 5
- It resolved technical problems .................................................. 6
- It saved time or other resources ................................................. 7
- It wasted my time .................................................................... 8
- Other (please specify) ............................................................. 9

16. How important is the information contained in this article to achieving your principal purpose? (Circle appropriate number)

<table>
<thead>
<tr>
<th>Not at all Important</th>
<th>Somewhat Important</th>
<th>Absolutely essential</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
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<td>4</td>
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</table>

SECTION 3 -- DEMOGRAPHICS

17. What is the one field of science which best characterizes your area of work? (If more than one applies, please indicate the one which best characterizes the application of your work.) Circle only the best answer

- Physical sciences ............................................................. 1
- Mathematics, statistics ...................................................... 2
- Computer sciences ............................................................ 3
- Environmental sciences ..................................................... 4
- Engineering ......................................................................... 5
- Life Sciences ...................................................................... 6
- Psychology .......................................................................... 7
- Social Sciences ............................................................... 8
- Other (please specify) ........................................................ 9

18. Please indicate your highest earned degree. Circle only the best answer

- Bachelor’s (B.A., B.S., or equivalent) ..................................... 1
- Master’s (M.A., M.S., M.B.A., or equivalent) ......................... 2
- Doctorate (Ph.D., M.D., or equivalent) ................................... 3
- Other: (Please specify) ........................................................ 4

19. In what year did you receive your last degree? ____________

20. Sex: M F

21. In the past two years, have you received any awards or special recognition for your research or other profession-related contributions? (Circle one)

- Yes … 1
- No … 2

If yes, please specify the type or name of award (if more than one, give the one you consider most important).

_____________________________________________________________________________

22. In the past two years, how many journal articles have you published? ____________ articles
23. How many personal subscriptions to professional journals do you receive, including those obtained as a member of a professional society? (Professional subscriptions are those which are personally addressed to you at your home, office, or lab.)

Subscriptions paid myself ................................................................. _________
Subscriptions purchased by grant or other source for my personal use ....... _________
Subscriptions purchased by grant or other source for shared use .............. _________

24. Which of the following preprint services are you aware of?

Circle all that apply

Los Alamos National Laboratory e-print archive ........................................ 1
Department of Energy’s PrePRINT Network ............................................ 2
Other (please specify) __________________________________________________ 3

25. How many preprints have you read from these services in the past year (12 months)?

Los Alamos National Laboratory e-print archive ......................... _______ preprints
Department of Energy’s PrePRINT Network ................................. _______ preprints
Other (please specify) ____________________________________________ .... _______ preprints

26. Approximately what percent of these preprints did you read by printing out the preprints on paper?

_______ percent

27. Have you ever submitted an article to a preprint service? (Circle one)

Yes … 1  No … 2

If yes, how many articles have you submitted? _______ articles


Yes … 1  No … 2

If yes, approximately how many times have you used PubSCIENCE in the past year (12 months)?

_______ times

Approximately how many articles did you read as a result of this use?

_______ articles

Thank you. Please return the completed survey within the next two weeks
In the enclosed envelope to:
Carol Tenopir
School of Information Sciences,
203 Temple Court