

# Selected Resources on Wireless Networks

## Online Resources

**Wireless Libraries blog** is a blog devoted to the discussion of wireless networks in libraries. It's moderated by Bill Drew, who previously developed and maintained the Wireless Librarian Web site. The site includes a search box so individuals can find libraries with wireless networks that are listed in the libweb-cats online directory. Bibliographies of articles and books on wireless technologies are provided.

**LibWireless Discussion Group** is an e-mail discussion group devoted to wireless technologies in libraries. "The purpose of this group is to discuss libraries and all types of wireless technologies. This includes but is not limited to wireless LANs in libraries, accessing library resources via wireless devices, and related issues such as WLANs, wireless bookmobiles, etc."

## LITA Regional Institute on Wireless Networks in Libraries

LITA (Library & Information Technology Association), a division of the American Library Association, offers a full-day regional institute on the topic of "Wireless Networks in Libraries." The Institute is conducted by Marshall Breeding, author of this issue of *Library Technology Reports*.

## Library Publications (Wireless Coverage)

John Carlo Bertot, Charles R. McClure, and Paul T. Jaeger. *Public Libraries and the Internet 2004: Survey Results and Findings*, Information Use Management and Policy Institute, June 1, 2005. [www.ii.fsu.edu/](http://www.ii.fsu.edu/)

*Wireless Libraries Blog*

<http://wirelesslibraries.blogspot.com>

*Lib-Web-Cats Online Directory*

[www.librarytechnology.org/libwebcats](http://www.librarytechnology.org/libwebcats)

*LibWireless Discussion Group*

<http://people.morrisville.edu/~drewwe/wireless/libwireless.html>

*LITA Regional Institute on Wireless Networks in Libraries*

[www.lita.org/ala/lita/litaevents/litaregionalinst/wireless.htm](http://www.lita.org/ala/lita/litaevents/litaregionalinst/wireless.htm)

*"Public Libraries and the Internet 2004 Survey Results and Findings," funded by the Bill and Melinda Gates Foundation and the American Library Association*

[www.ii.fsu.edu/publications/2004.plinternet.study.pdf](http://www.ii.fsu.edu/publications/2004.plinternet.study.pdf)

*Wireless LANS, PLA Technotes*

[www.ala.org/ala/pla/plapubs/technotes/wirelesslans.htm](http://www.ala.org/ala/pla/plapubs/technotes/wirelesslans.htm)

*Full Text of Bill Drew's "Wireless Networks New Meaning to Ubiquitous Computing"*

<http://people.morrisville.edu/~drewwe/wireless/jal-wireless.pdf>

[publications/2004.plinternet.study.pdf](http://www.ii.fsu.edu/publications/2004.plinternet.study.pdf). Accessed Aug. 17, 2005.

Richard W. Boss. "Wireless LANs," *PLA Technotes*, Updated Nov. 11, 2004.

Bill Drew. "Wireless Networks: New Meaning to Ubiquitous

Computing," *The Journal of Academic Librarianship* 29, no. 2 (Feb. 2003): 102–106.

**Computers in Libraries (CIL)**—The theme for the March 2003 issue (23:3) is "Welcoming Wireless to Your World." Some of the relevant articles (with summaries from the issue's online table of contents) are listed below.

Nancy Allmang. "Our Plan for a Wireless Loan Service," *Computers in Libraries* 23, no. 3 (Mar. 2003): 20–25. "If you've been wondering how forward-looking colleagues have been taking their wireless services from initial idea to actual access, this feature will help. See how this government library, whose building had been fraught with wiring challenges, devised a plan to go wireless in order to better serve its savvy scientists."

Janet L. Balas. "Does Wireless Really Mean No More Wires?" *Online Treasures, Computers in Libraries* 23, no. 3 (Mar. 2003): 40.

Terence K. Huwe. "Casting a Wider Net with Roving Reference," *Building Digital Libraries, Computers in Libraries* 23, no. 3 (Mar. 2003): 34–36.

Carol McGeehon and Derek Merrifield. "Could the Flexibility of Wireless Solve a Problem for You?" *Computers in Libraries* 23, no. 3 (Mar. 2003): 15–18. "Does being tethered to a traditional, wired network have you all bent out of shape? Wireless can come in handy for specific situations—such as connecting mobile computers or those in temporary locations to existing networks, as these authors did. They describe three projects where wires would have been too restrictive for their needs, and explain how the flexibility of wireless came to the rescue."

Joe Williams. "Taming the Wireless Frontier: PDAs, Tablets, and Laptops at Home on the Range," *Computers in Libraries* 23, no. 3 (Mar. 2003): 10–12. "This Texas-based education services librarian likens designing wireless programs to settling a new frontier. Once his associates got the lay of the land and made some important decisions about responsibility and security, they started to make downright good use of all the new-fangled technology. Now they're loaning laptops and PDAs, and they have reference librarians roving the range, wire-free."

Computers in Libraries March 2003—  
"Welcoming Wireless to Your World"  
[www.infotoday.com/cilmag/mar03](http://www.infotoday.com/cilmag/mar03)

Full Text of Janet Balas's 3/03 CIL article  
"Does Wireless Really Mean No More Wires?"  
[www.infotoday.com/cilmag/mar03/balas.shtml](http://www.infotoday.com/cilmag/mar03/balas.shtml)

Full Text of Joe Williams's: "Taming the Wireless Frontier . . ."  
[www.infotoday.com/cilmag/mar03/williams.shtml](http://www.infotoday.com/cilmag/mar03/williams.shtml)

Wi-Fi Alliance  
[www.wi-fi.org](http://www.wi-fi.org)

Wi-Fi Planet  
[www.wi-fiplanet.com](http://www.wi-fiplanet.com)

InfoWorld Special Reports: Wireless Network Management  
[www.infoworld.com/reports/SRwirelessnetmanagement.html](http://www.infoworld.com/reports/SRwirelessnetmanagement.html)

NetworkWorld Research Center: Wireless/  
Mobile Section  
[www.networkworld.com/topics/wireless.html](http://www.networkworld.com/topics/wireless.html)

IEEE 802.11 Wireless Local Area Networks,  
Working Group for WLAN  
<http://grouper.ieee.org/groups/802/11>

## Trade Publications and Groups (Wireless Coverage)

**Wi-Fi Alliance** is an industry consortium of companies involved in producing wireless networking equipment. The Wi-Fi Alliance promotes the technology and certifies interoperability. The group's Web site includes general information about wireless technologies, white papers, and information about the organization.

**Wi-Fi Planet** is one of many sites owned and operated by Jupitermedia Corp. It focuses on wireless networking.

**InfoWorld** features a Special Reports section on wireless network management. (From *InfoWorld's* Web site: "InfoWorld Media Group delivers in-depth coverage and evaluation of IT products for technology experts involved in major purchase decisions for their companies.")

**NetworkWorld**, a popular trade journal devoted to network technologies, includes sections on wireless LANs, wireless services, and wireless security. Content is available through the electronic version of the periodical's Research Center. The Wireless/Mobile section includes articles, news, and reports that have appeared in the print and electronic editions. In addition, the Web portal features white papers, most developed by vendors that have products in this arena.

**IEEE 802.11 Wireless Local Area Networks, The Working Group for WLAN**, the IEEE initiative charged with developing the standards for wireless technologies,

maintains an official Web site that includes information on the schedules of active initiatives and the text of completed standards.

## Wireless Coverage in Other Publications

Bruce Alexander. *802.11 Wireless Network Site Surveying and Installation*. (Indianapolis, Indiana: Cisco Press, 2004).

Scott Fluhrer, Itsik Mantin, and Adi Shamir. "Weaknesses in the Key Scheduling Algorithm of RC4," *Lecture Notes in Computer Science* 2259 (2001). Springer-Verlag GmbH: 1. (Selected Areas in Cryptography: 8th Annual International Workshop, SAC 2001 Toronto, Ontario, Canada, Aug. 16-17, 2001. Revised Papers.)

Jim Greier. "802.11 WEP: Concepts and Vulnerability," *Wi-Fi Planet: The Source for Wi-Fi Business and Technology* (June 20, 2002).

## Additional Wireless Articles by the Author

Marshall Breeding. "Wireless Networks Connect Libraries to a Mobile Society," *Computers in Libraries* 24, no. 9 (Oct. 2004): 29-32.

Marshall Breeding. "Implementing Wireless Networks without Compromising Security," *Computers in Libraries* 25, no. 3 (Mar. 2005): 34-36.

Marshall Breeding. "A Hard Look at Wireless Networks," *School Library Journal* 48, no. 8 (Net Connect Summer 2002): 14.

Marshall Breeding. "A Hard Look at Wireless Networks," *Library Journal* 127, no. 12 (Net Connect Summer 2002): 14.

Marshall Breeding. "The Benefits of Wireless Technologies," *Information Today* 19, no. 3 (Mar. 2002): 42.

*Jim Greier's "802.11 WEP: Concepts and Vulnerability" in Wi-Fi Planet*

[www.wi-fiplanet.com/tutorials/article.php/1368661](http://www.wi-fiplanet.com/tutorials/article.php/1368661)

*"Wireless Networks Connect Libraries to a Mobile Society"*

[www.librarytechnology.org/ltg-displaytext.pl?RC=11183](http://www.librarytechnology.org/ltg-displaytext.pl?RC=11183)

*"A Hard Look at Wireless Networks"*

<http://libraryjournal.reviewsnews.com/index.asp?layout=article&articleid=CA232339>

*"Implementing Wireless Networks without Compromising Security"*

[www.librarytechnology.org/ltg-displaytext.pl?RC=11385](http://www.librarytechnology.org/ltg-displaytext.pl?RC=11385)

*"The Benefits of Wireless Technologies"*

[www.librarytechnology.org/ltg-displaytext.pl?RC=9643](http://www.librarytechnology.org/ltg-displaytext.pl?RC=9643)

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