

# Executive Windows

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**T**his Executive Window targets articles, resources and Web sites on the subject of hospital design and construction. Please contact your hospital library to request further information regarding the resources listed. Also provided are key resources available from NJHA.

Inclusion of an item on this list does not represent endorsement of the item or its content by the New Jersey Hospital Association or any of the corporations affiliated with it, including the Health Research and Educational Trust of New Jersey.



*Compiled by Angela Harris-Scriven, Manager, Library Research Services ■ For further information call (609) 275-4130.*

**Construction Forecasters Predict Solid Growth For Health Care**

*“The Centers for Medicare & Medicaid Services (CMS), which was then called the Health Care Financing Administration, projected construction spending growth of 6.7 percent over the previous year in 2002, 8 percent in 2003, 7.2 percent in 2004, 6.5 percent in 2005, 5.5 percent in 2006 and annual growth of 4 percent over the rest of the decade.”*

*In the publication titled: Building Design & Construction, Kenneth Simonson, chief economist for the Associated General Contractors of America, wrote, “One category that straddles public and private construction is health care. While public hospitals and clinics may face the same squeeze as other budget items, in general both sectors will spend more on health care and research. This will translate into stronger construction markets for medical offices, laboratories and other health care facilities.”*

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**Sources:**

**Centers for Medicare & Medicaid Services - (CMS). Table 2: National Health Expenditure Amounts and Average Percentage by Type of Expenditure Available at: <http://cms.hhs.gov/statistics/nhe/projections-2001/t2.asp>.**

**Health Facilities Management. Volume 15 No. 2, February 2002, p5.**



## NJHA KEY RESOURCES

New Jersey Hospital Association (NJHA)

Publishes: **Materials Resource News**

This semiannual newsletter produced by the New Jersey Hospital Association's Corporate Services Department addresses materials initiatives, issues and trends for Group Purchasing participants.

Contact Corporate Services Department: (609) 936-2202.

Available at: <http://www.njha.com/corporate.services/bs.materials.html>

## ARTICLES OF INTEREST

Babwin, D. Building Boom. Hospital Healthcare Network. Vol. 76 No. 3, March 2002, pp. 48-52, 54.

Burmahl, B. The future is now. Hospitals are planning, designing and building with new technologies in mind. Health Facilities Management. Vol. 15 No. 3, March 2002, pp. 16-22.

Burmahl, B. Facilities of the future. New designs put patients first. Health Facilities Management. Vol. 13 No. 2, February 2000, pp. 30, 32, 34.

Croswell, C.L. Building new strategies: Construction firms coping with array of fiscal and corporate challenges. Modern Healthcare. Vol. 31 No. 11, March 12, 2001, pp. 23-4, 26-8, 30-6.

Coile, R.C. Jr. "Pebble Projects" measure outcomes of healing designs. Russ Coiles Health Trends. Vol. 13 No. 11, September 2001, pp. 2-3.

Coile, R.C. Jr. Competing by design: hospitals of the future offer healing environments. Russ Coiles Health Trends. Vol. 13 No. 11, September, 2001, pp. 1, 4-8.

Dilani, A. Healthcare buildings as supportive environments. World Hospital Health Service. Vol. 36 No. 1, 2000, pp. 20-6.



## ARTICLES OF INTEREST

Debord, D.R., Jr. Facility planning: How design can improve quality and lower costs. Trustee Magazine, Vol. 55 No. 5, May 2002, pp. 18-21.

Fontaine, D.K., Briggs, L.P., Pope-Smith, B. Designing humanistic critical care environments. Critical Care Nursing Quarterly. Vol. 24 No. 3, November 2001, pp. 21-34. [Review].

Gehrki, B. Key decisions in designing a new OR. OR Manager. Vol. 18 No. 1, April 2000, pp. 15-6, 18.

Hagland, M. Blueprint for a 21st century hospital: A casebook in strategic and operational planning. Strategic Healthcare Excellence. Vol. 13 No.4, April 2000, pp. 1-6.

Hartaway, R. B. Basic hospital construction. Health Facilities Management, April, 2002. [Article appeared exclusively on the Web] Accessed: August 16, 2002.  
Available at: <http://www.hospitalconnect.com>

Haugh, R. Hospital construction: Building booming. Hospital Healthcare Network. Vol. 74 No.1, January 2000, pp. 14, 16.

Healing environments: progress toward "evidence-based design." Russ Coiles Health Trends. Vol. 13 No. 11, September 2001, pp. 8-12.

Herron, D.M., Gagner, M., Kenyon, T.L., Swanstrom, L.L. The minimally invasive surgical suite enters the 21st century. A discussion of critical design elements. Surgical Endoscopy Vol. 15 No. 4, April 15, 2001, pp. 415-22.



## ARTICLES OF INTEREST

Kruger, K. Strategic planning. Design and Construction: Getting boards involved from the start. Trustee. Vol. 55 No. 3, March 2002, pp. 31-32.

McKay, J.I. Building the emergency department of the future: Philosophical, operational, and physical dimensions. Nursing Clinics of North America. Vol. 37 No. 1, March 2002, pp. 111-22. [Review].

Moon, S. Building the brand. Construction & Design survey shows healthcare's focus on expanding specialized services. Modern Healthcare. Vol. 32 No. 10, March 2002, pp. 37, 40-2, 44-51.

Murphy, G.W., Guest, W.R. Strategic planning: Guiding a successful building project: The trustee's role. Trustee. Vol. 53 No. 8, September 2002, pp. 26-28.

Ridenour, A. Signs of the times. New concepts for 21st century wayfinding. Health Facilities Management. Vol. 13 No. 2, February 2002, pp. 41-42.

Vavili, F. Children in hospital: A design question. World Hospitals Health Services. Vol. 36 No. 2, 2000, pp. 31-39, 45-46.

Ward, S. Investing in hospitals: The great divide. Health Services Journal. Vol. 26 No. 111, April 2001 No.5752, pp. Suppl. 5-7.

Ward, S. Buildings. The next generation. Health Services Journal. Vol. 18 No.112, April 2002 No. 5801, pp. 39, 41.



## ASSOCIATIONS & ORGANIZATIONS

The following is a short list of associations, consulting firms, and organizations that provide information on hospital design and construction for the healthcare industry.

- American College of Healthcare Architects  
**Publishes:** Architect Locator Service by Specialty  
20 Greenway Plaza  
Suite 450-A  
Houston, TX 77046  
(713) 852-3781  
<http://www.healtharchitects.org/>
- American Hospital Association  
**Publishes:** Best Practices for Owner Satisfaction in Healthcare Facility Design and Construction, Directory of Planning and Design Professional for Health Facilities  
One North Franklin, 27<sup>th</sup> Floor  
Chicago, Illinois 60606  
800-242-2626  
<http://www.aha.org>
- American Institute of Architecture/Academy of Architecture for Health  
**Publishes:** The Academy Journal  
The American Institute of Architects,  
1735 New York Ave., NW  
Washington, DC 20006  
800-AIA-3837  
<http://www.e-architect.com/pia/health/home.asp>
- American Society of Healthcare Engineers (ASHE)  
**Publishes:** Health Facilities Management Magazine  
One North Franklin, 27<sup>th</sup> Floor  
Chicago, IL 60606  
312-422-3800  
<http://www.ashe.org/>



## ASSOCIATIONS & ORGANIZATIONS

- American Society of Mechanical Engineers (ASME)  
**Publishes:** ASME Codes and Standards  
Three Park Avenue  
New York, NY 10016-5990  
800-843-2763 (U.S/Canada)  
<http://www.asme.org/>
  
- Association of Facilities Engineers  
**Publishes:** Facilities Engineering Journal  
8180 Corporate Park Drive Suite 305  
Cincinnati, OH 45242  
513-489-2473  
<http://www.afe.org/>
  
- Association for Healthcare Resource & Materials Management  
**Publishes:** Materials Management in Healthcare  
AHRMM/AHA  
One North Franklin  
Chicago, IL 60606  
312-422-3840  
<http://www.ahrm.org>
  
- Center for Disease Control (CDC)  
**Publishes:** Guidelines & Recommendations  
Ventilation, Construction and Renovation of Hospitals  
APIC State-of-the-Art Report: The Role of Infection Control During  
Construction in Health Care Facilities, AJIC 1999  
<http://www.cdc.gov/ncidod/hip/guide/construct.htm>
  
- The Center for Health Design  
**Publishes:** Case Studies: Design Evaluation of Six Primary Care  
Facilities for the Purpose of Informing Future Design Decisions  
3478 Buskirk Avenue  
Suite 1000  
Pleasant Hill, CA 94523  
925-746-7188  
<http://www.healthdesign.org/>



## ASSOCIATIONS & ORGANIZATIONS

- F.W. Dodge Construction  
Dodge Reports  
F. W. Dodge is the largest provider of project news, plans, specifications and analysis services for construction professionals in the United States and Canada.  
<http://fwdodge.construction.com/>
  
- Joint Commission on Accreditation of Healthcare Organizations  
**Publishes:** Environment of Care Standards, Environment of Care News  
Joint Commission on Accreditation of Healthcare Organizations  
One Renaissance Blvd.  
Oakbrook Terrace, IL 60181  
630-792-5000  
<http://www.jcaho.org/>
  
- Society of Critical Care Medicine  
**Publishes:** Guidelines for Intensive Care Unit Design  
Guidelines/Practice Parameters Committee of the American College of Critical Care Medicine, Society of Critical Care Medicine  
ICU Design Video & Book, 1999  
Compiled from ICU Design Award Citation Submissions and Co-sponsored by the Society of Critical Care Medicine, American Association of Critical Care Nurses and the American Institute of Architects – Committee on Architecture for Healthcare  
<http://www.sccm.org>



## SPECIAL JOURNAL ISSUES

The Academy of Architecture for Health

**Features:** The Academy Journal

<http://www.aia.org/pia/acadjour/DEFAULT.ASP>

Environment of Care News

Joint Commission on Accreditation of Hospitals and Health Networks Organizations (JCAHO)

**Features:** Up-to-the-minute news and in-depth explanations of how to comply with JCAHO EC standards.

<http://www.jcaho.org>

FacilityCare

**Features:** Focus on Design Section

Douglass Publications

<http://www.facilitycare.com/>

Health Facilities Management

**Features:** Planning Design and Construction - [February Issue]

Architecture & Design, [March Issue]

<http://www.hfmmagazine.com>

Hospitals & Health Networks

**Features:** Design & Construction - [March Issue]

<http://www.hhnmag.com>

Materials Management in Health Care

**Features:** Annual Contract Management Survey - [October 2002]

<http://www.matmanmag.com>

Modern Healthcare

**Features:** 23<sup>rd</sup> Annual Construction & Design Survey - [March 2002]

<http://www.modernhealthcare.com>

Nursing Homes Long Term Care Management

**Features:** Universal Design for Aging in Place Organic Design: Long Term Care Design Grows to Meet Residents' Need - [June 2002]

<http://www.nursinghomesmagazine.com>



## PUBLICATIONS

Best Practices for Owner Satisfaction in Healthcare Facility Design and Construction, 2000 [Technical Document]

American Hospital Association

Catalog No. WS-055228

\$35.00

BOCA National Building Code, 1999 #301-99

Building Officials and Code Administrators International

\$59.00

Building Construction Cost Data 2002

(R.S. Means Building Construction Data)

Phillip R. Waier, Editor

Robert S. Means Company

ISBN 0876296207

\$99.95

Building Type Basics for Healthcare Facilities, 2000

Michael Bobrow, Editor

John Wiley & Sons

ISBN 0471356727

\$70.00

Building Type Basics for Research Laboratories, 2000

Daniel D. Watch

John Wiley & Sons

ISBN 047139236-7

\$69.95

Design That Cares: Planning Health Facilities for Patients and Visitors, 2<sup>nd</sup> Edition 2001

Janet R. Carpman, Myron A. Grant

Jossey-Bass

ISBN: 0-7879-5739-9

\$55.00



## PUBLICATIONS

Directory of Planning and Design Professionals for Health Facilities, 2001  
American Hospital Association  
Catalog No. WS-043118  
\$50.00

Environment of Care: Essentials for Health Care, 2<sup>nd</sup> Edition, 2002  
Joint Commission on Accreditation of Hospitals and Healthcare Networks  
(JCAHO)  
Catalog No. ECE025J  
ISBN 0866887318  
\$60.00

Guidelines for Design and Construction of Hospital and Health Care  
Facilities, 2001 Edition  
American Hospital Association  
Catalog No. WS-055358  
\$75.00

Guidelines for Planning and Design of Biomedical Research Laboratory  
Facilities, 1993  
The American Institute of Architects  
ISBN 1-879304-95-3  
\$50.00

Healing the Hospital Environment: Design, Management and Maintenance  
of Healthcare Premises, 1999  
Sarah Hosking  
E & F N Spon  
ISBN 0419231706  
\$58.00



## PUBLICATIONS

Hospital & Healthcare Facility Design, 2<sup>nd</sup> Edition, 2002  
Richard L. Miller, et al  
ISBN 0393730727  
\$70.00

ICU 2010: ICU Design for the Future: A Critical Care Design Symposium,  
2002  
D. Kirk Hamilton  
American College of Architects/Academy of Architecture  
\$90.00

Innovations in Healthcare Design, 1995  
Sara O. Marberry, Editor  
John Wiley & Sons  
ISBN 0471286370  
\$90.00

Medical and Dental Space Planning: A Comprehensive Guide to Design,  
Equipment, and Clinical Procedures, 3<sup>rd</sup> Edition, 2002  
Jain Malkin  
John Wiley & Sons  
ISBN 0471385743  
\$175.00

Operating Room Design Manual  
American Society of Anesthesiologists  
Catalog No. 30503-1PB  
\$25.00

<http://www.asahq.org/Pubs/pubshome.htm#op>



## PUBLICATIONS

Planning, Design, and Construction of Health Care Environments  
Joint Commission on Accreditation of Hospital Organizations (JCAHO)  
ISBN 0866885439  
\$45.00  
Catalog No. EC-506XZ

Selecting a Design Team: A Primer for Hospital Management, 1993  
Robert D. Zank, Editor  
American Hospital Association (AHA)  
ISBN 0872586669  
Catalog No. 043130

Wellness Centers: A Guide for the Design Professional, 1999  
Joan Whaley Gallup  
Wiley Series in Healthcare and Senior Living Design  
John Wiley & Sons  
ISBN 0471253375  
\$75.00