

# Franklin Becker

Web Bio

## Information

### Biography

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#### Biographical Statement

Franklin Becker  
Professor  
Dept. Design & Environmental Analysis/College of Human Ecology

#### Academic Expertise

My area of expertise is organizational ecology; that is, I study the way in which the planning, design, and management of complex facilities such as hospitals and large corporations and R&D units affect how individuals, teams, and organizations function.

#### Current Professional Activities

Professor Becker is a founding editor of the *Journal of Corporate Real Estate* and the *Journal of Facilities Management*, and is on the Advisory Board of the *Health Environments Research and Design Journal* and the California Healthcare Foundation. He is the Co-Chair of the Research Coalition of the Center for Health Design, Professor Becker is a Fellow of the American Psychological Association, and a member of the International Facility Management Association.

#### Current Research Activities

Professor Becker's research focuses on health and design. Specifically, he is involved with studies examining the influence of nursing unit design on communication and interaction patterns among multi-disciplinary clinical teams; and the effects of such communication on informal learning, job stress and quality of care.

#### Extension

Member of the Cornell Cooperative Extension Project Work Council (PWC) for Quality of Life for Individuals and Families. Professor Becker speaks often nationally and internationally on issues related to innovative workplace strategies and evidence-based healthcare design.

#### Courses Taught

DEA 451/659 - Introduction to Facility Planning and Management

DEA 453/653 - Planning and Managing the Workplace: The Ecology of the Healthcare Environment

#### Education

PhD 1972 - University of California, Davis  
Social and Environmental Psychology  
BA 1968 - University of California, Davis  
Psychology

#### Related Websites

[iwsp.human.cornell.edu/](http://iwsp.human.cornell.edu/)

#### Selected Publications:

Evans, G.W., Becker, F.D., Zahn, A., Bilotta, E., and A.M. Kesse (2011).  
Capturing the ecology of workplace stress with cumulative risk assessment,  
*Environment and Behavior*, 44(1), 136-154.

Robson, S., Kimes, S.E., Becker, F.D. and Evans, G.W. (2011). Consumers' responses  
to table spacing in restaurants, *Cornell Hospitality Quarterly*, 52(3): 253 – 264.

Becker, F., Bonaiuto, M., Bilotta, E., and M. Bonnes.(in press). Integrated  
Healthscape Strategies: An Ecological Approach to Evidence-Based Design. *Health  
Environment Research and Design Journal (HERD)*.

Becker, F. (2010). Nursing unit design, communication, and teamwork.  
Proceedings of the Health and Care Infrastructure Research and Innovation Centre  
(HaCIRIC) Conference, Edinburgh, Scotland, September 24, 2010.

Becker, F. (2009) At one with your surroundings? *Nursing Management*, 40(8),  
24-27.

Becker, F., Sweeney, B., and K. Parsons. (2008) Ambulatory facility design and  
patients' perceptions of healthcare quality, *Health Environments Research and  
Design Journal*, 1(4), 35-54.

Becker, F., and Jones-Douglass, S. (2008) The ecology of the patient visit: Physical  
attractiveness, waiting times, and perceived quality of care, *J. Ambulatory Care  
Management.*, 31(2), 124-137.

Harris, D.D., Joseph, A., Becker, F., Hamilton, D.K., Shepley, M.M., and C. Zimring.  
(2008) *The Practitioner's Guide To Evidence-Based Healthcare Design*. Concord,  
CA.: Center for Health Design.

Becker, F., and Parsons, K.S. (2007) Hospital facilities and the role of  
evidence-based design, *Journal of Facilities Management*, 5(4), 263-274.

Becker, F., & Carthey, J. (2007) Evidence-based Design: Key Issues in a  
Collaborative Process. Proceedings of the W092: Interdisciplinarity in the Built  
Environment Procurement Conference

#### **Department Website Summary**

Professor Becker's research focuses on how the planning, design, and  
management of healthcare settings affects care providers and patients, with a  
particular emphasis on communication, collaboration and teamwork.

#### **Professional**

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## **Current Professional Activities**

Professor Becker is a founding editor of the Journal of Corporate Real Estate and the Journal of Facilities Management, and is on the Advisory Board of the *Health Environments Research & Design Journal*. He is a Fellow of the American Psychological Association, and is Co-Chair of the Center for Health Design's Research Coalition. He serves on editorial review panels for many journals (e.g., *Health Environment Research and Design Journal*, *J. Environmental Psychology*, *Environment and Behavior*, *Facilities*).

## **Research**

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### **Current Research Activities**

Professor Becker is Director of the International Workplace Studies Program (IWSP). His current research focuses on health and design. Specifically, Professor Becker and his colleagues are examining the relation between the design of nursing units and informal communication, interaction and learning patterns of multi-disciplinary patient care teams and the effects such relationships have on quality of care. He is also involved with research examining the effects of sustainable design practices on patients and nurses in hospitals.

## **Extension**

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### **Current Extension Activities**

Member, Cornell Cooperative Extension Quality of Life program.

## **Education**

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### **Education**

- PhD 1972 - University of California, Davis Social and Environmental Psychology
- M.S. 1970-Boston University, Social Psychology
- BA 1968 - University of California, Davis Psychology

## **Courses**

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### **Courses Taught**

DEA 2550/6590: Introduction to Facility Planning and Management

DEA 4530/6530 - Planning and Managing the Workplace: The Ecology of the Healthcare Environment

eCornell: Evidence-Based Design

eCornell: Practice-Based Research

(both eCornell courses are part of a Health Strategic Facilities certificate program)

## Websites

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### Related Websites

<http://iwsp.human.cornell.edu>

## Administration

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### Administrative Responsibilities

Director, International Workplace Studies Program  
College of Human Ecology  
Cornell University

## Publications

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### Selected Publications

Evans, G.W., Becker, F., Zahn, A., Bilotta, E., and A. Keesee. (in press). Capturing the Ecology of Workplace Stress with Cumulative Risk Assessment. *Environment and Behavior*, 44(1), 136-154.

Robson, S., Kimes, S., Becker, F., and Evans, G.W. (in press). Consumers' responses to inter-table spacing in restaurants, *Cornell Hospitality Quarterly*, 52(3): 253-264.

Becker, F. (2010). Nursing unit design, communication, and teamwork. Proceedings (refereed), The Health and Care Infrastructure Research and Innovation Centre (HaCIRIC) Conference, Edinburgh, Scotland, September 24, 2010.

Becker, F., Bonaiuto, M., Bilotta, E., and M. Bonnes.(in press). Integrated Healthscape Strategies: An Ecological Approach to Evidence-Based Design. *HERD*.

Becker, F. (2009) At one with your surroundings? *Nursing Management*, 40(8), 24-27.

Harris, D.D., Joseph, A., Becker, F., Hamilton, D.K., Shelpley, M.M., and C. Zimring. *The Practitioner's Guide To Evidence-Based Healthcare Design*. Concord: CA.: The Center for Health Design, 2008.

Becker, F., Sweeney, B., and K. Parsons. (2008) Ambulatory facility design and patients' perceptions of healthcare quality, *Health Environments Research and Design*, 1(4), 35-54.

Becker, F., and Jones-Douglas, S. (2008) The ecology of the patient visit: Attractiveness, waiting times, and perceived quality of care. *J. Ambulatory Healthcare Design*, 31(2), 124-137.

Becker, F. (2007) The ecology of knowledge networks. *California Management Review*. 49(2), 1-20.

Becker, F. Closing the research-design gap, *Implications*, 5(10), 1-5.

Nursing unit design and communication patterns: What is "real" work? *Health Environments Research & Design Journal*, 1(1), 1-20.

Becker, F., and Parsons, K.I.S. Hospital facilities and the role of evidence-based design. *Journal of Facilities Management*, 5(4), 263-274.

Becker, F. (2004) *Offices At Work: Uncommon Workspace Strategies that Add Value and Improve Performance*. San Francisco: Jossey-Bass

Becker, F., and Sims, W., et al (2003) Interaction, identity and collocation: What value is a corporate campus?, *Journal of Corporate Real Estate*, 5(4), 344-366.

Becker, F., and Pearce, A. (2003) Considering Corporate Real Estate and Human Resource Factors in an Integrated Cost Model." *Journal of Corporate Real Estate*, 5(3), 221-242

Becker, F. (2002) Organizational Dilemmas and Workplace Solutions. *Journal of Corporate Real Estate* 4(2), 129-150.

Becker, F. (2002) Improving organizational performance by exploiting workplace flexibility, *Journal of Facilities*, 1(2), 154-163.

Becker, F. (2001) Organizational Agility and the Knowledge Infrastructure, *Journal of Corporate Real Estate*, 3(1), 28-37.

Becker, F. (2000) Integrated Portfolio Strategies for Dynamic Organizations, *Facilities*, 18(10-12), 411-420.