

Debajyoti Pati, PhD, FIIA, LEED® AP

Education

Ph.D. in Architecture

College of Architecture, Georgia Institute of Technology, Atlanta, GA, U.S.A., (2005).

M.A.S.A. (Master of Advanced Studies in Architecture)

School of Architecture, University of British Columbia, Vancouver, B.C. Canada, (1991).

B.Arch. (Bachelor of Architecture)

Sir J.J. College of Architecture, University of Bombay, Bombay, India, (1987).

Employment History

09 2011 – Current	Associate Professor	Texas Tech University, College of Human Sciences, Lubbock, TX, U.S.A.
09 2011 – Current	Rockwell Endowment Professorship	Texas Tech University, College of Human Sciences, Lubbock, TX, U.S.A.
2009 – Current	Executive Director	CADRE (Center for Advanced Design Research & Evaluation), Dallas, TX, U.S.A.
2005 – 2011	Vice President, Director of Research	HKS, Inc., Dallas, TX, U.S.A.
2005 May – Aug	Post Doctoral Fellow	College of Architecture, Georgia Institute of Technology, Atlanta, GA, U.S.A.
1999- 2005	Graduate Research Assistant	College of Architecture, Georgia Institute of Technology, Atlanta, GA, U.S.A.
1993 – 2002	Assistant Professor	Department of Architecture, College of Engineering and technology, Biju Patnaik University of Technology, Bhubaneswar, India.
1993 – 2002	Director (Architecture)	Designers' Den Private Limited, Bhubaneswar, India.
1991 – 1992	Architect	Cairns Architect Planner, Vancouver, B.C., Canada.
1990	Graduate Teaching Assistant	School of Architecture, University of British Columbia, Vancouver, Canada.
1989	Lecturer	Department of Architecture, College of Engineering and technology, Orissa University of Agriculture and Technology, Bhubaneswar, India.
1987 – 1988	Architect	Gananath Shetty Architects, Bombay, India.
1986 – 1987	Architect (Intern)	Spatial Designs Private Limited, Bombay, India.

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Registration and Certification

- Registered to practice with the Council of Architecture, India
- LEED Accredited Professional, Green Building Certification Institute, USA
- Certified to use *Serviceability Tools & Methods (ST&M)* by the International Center for Facilities, Canada

Professional Affiliations

- Center for Health Design
- Health Environments Research Summit
- US Green Building Council
- EDRA (Environmental Design Research Association)
- IIA (Indian Institute of Architects)
- ISTE (Indian Society for Technical Education)
- AEI-ASCE past member (Architectural Engineering Institute of The American Society of Civil Engineers)

Publications – Book and Book Sections

Debajyoti Pati, Michael Pietrzak, David Vincent, Troy Ransdell, Thomas Harvey, David Duthu, Tom Franklin and Ting-Kwo George Lei. (2011). Airborne Contamination Control through Directed Airflow in the Exam Room: A Pilot Study Using a Membrane Diffuser. In Ming Chyu (ed.), Advances in Critical Care Engineering. Essex, UK: Multi-Science Publishing Co.

Debajyoti Pati, Thomas Harvey and Paul Barach. (2011). Case 20 – Houston Medical Center Bed Tower: Quality and the Built Environment. In C. McLaughlin, J. Johnson and B. Sollecito (Eds), Implementing Continuous Quality Improvement in Health Care: A Global Casebook. Sudbury, MA: Jones & Bartlett Learning.

Debajyoti Pati and Paul Barach. (2010). Application of Environmental Psychology Theories and Frameworks to Evidence-Based Healthcare Design. In J. Valentín and L. Gamez (Eds.) Environmental Psychology: New Developments. Hauppauge, NY: Nova Science Publishers.

Debajyoti Pati. (2009). A BIM Approach to Evidence-Based Courtroom Design: Support Evidence-Based Design through Enhanced Building Information Models. Saarbrücken, Germany: VDM Verlag.

Thomas Harvey, Debajyoti Pati, Jennie Evans, Laurie Waggener and Carolyn Cason. (2008). Inpatient Unit Design: Defining the Design Characteristics of a Successful Adaptable Unit. In George Elvin (Ed.) AIA Report on University Research, Vol. 2, Washington, DC: American Institute of Architects.

Debajyoti Pati. Research in Professional Practice. AIA Report on University Research 5th Edition. (Forthcoming)

Publications – Scientific and Industry Media

Debajyoti Pati, Michael Pietrzak, Thomas Harvey, Charles McCall, Walter Armstrong, Robert Clarke, Neil Weissman, Paul Rapp, Ella Franklin, Frank Weinberg, Mark Smith, Beth Benner, Rollin Fairbanks, Jeffrey Collins. Advancing Translational Research through Facility Design. *Health Services Management Research*. (Undergoing Review).

Debajyoti Pati, Carolyn Cason, Thomas Harvey, Jennie Evans and Andrea Erwin. The Biomechanics of Patient Room Standardization. *Health Environments Research & Design Journal*. (Accepted for publication)

Debajyoti Pati. Generating Evidence from Day-To-Day Activities: Methodological Issues Part-II. *Health Environments Research & Design Journal*, 5(2). (Accepted for publication).

Debajyoti Pati. (2011). Generating Evidence from Day-To-Day Activities: Methodological Issues Part-I. *Health Environments Research & Design Journal*, 5(1): 143-147.

Debajyoti Pati. (2011). Accountable Care Organization Part 3. *Healthcare Design*, August 2011. <http://www.healthcaredesignmagazine.com/article/accountable-care-organizations-part-3?page=show>

Debajyoti Pati. (2011). Accountable Care Organization Part 2. *Healthcare Design*, August 2011. <http://www.healthcaredesignmagazine.com/article/accountable-care-organizations-part-2>

Debajyoti Pati. (2011). Accountable Care Organization Part 1. *Healthcare Design*, June 2011. <http://www.healthcaredesignmagazine.com/article/accountable-care-organizations?page=show>

Debajyoti Pati and Angela Lee. (2011). Designing Smart. *Healthcare Design*, 11(2), 32-38.

Debajyoti Pati. (2011). Research in Practice. *Design Intelligence*, 17(2), 83-88.

Debajyoti Pati. (2010-Oct 12). Considerations for single patient rooms. *Health Services Journal*. <http://www.hsj.co.uk/resource-centre/your-ideas-and-suggestions/considerations-for-single-patient-rooms/5019343.article>

Debajyoti Pati. (2011). A Framework for Evaluating Evidence in Evidence-Based Design. *Health Environments Research & Design Journal*, 4(3), 43-64.

Debajyoti Pati, Michael Pietrzak, David Vincent, Troy Ransdell, Thomas Harvey, David Duthu, Tom Franklin and Ting-Kwo George Lei. (2010). Airborne Contamination Control through Directed Airflow in the Exam Room: A Pilot Study Using a Membrane Diffuser. *Journal of Healthcare Engineering* 1(4), 655-674.

Debajyoti Pati, Carolyn Cason, Thomas Harvey, and Jennie Evans. (2010). An Empirical Examination of Patient Room Handedness in Acute Medical-Surgical Settings. *Health Environments Research & Design Journal*, 4(1), 11-33.

Debajyoti Pati and Upali Nanda. (2011). Influence of Positive Distractions on Children's in Two Clinic Waiting Areas. *Health Environments Research & Design Journal*, 4(3), 116-132.

Debajyoti Pati, PhD, FIIA, LEED® AP

Debajyoti Pati, Mahbub Rashid and Craig Zimring. (2010). Occupants' Perception of Openness in Federal Courthouses. *Journal of Architectural and Planning Research*, 27(3), 257-269.

Saif Haq and Debajyoti Pati. (2010). The Research-Design Interaction: Lessons Learned from an Evidence-Based Design Studio. *Health Environment Research and Design Journal*, 3(4), 75-92.

Debajyoti Pati. (2010). Book review of 'Closing the Gap: Information Models in Contemporary Design Practice', by Richard Garber (Ed.), John Wiley, NJ, 2009. In *Architectural Science Review*, 53, 280-281.

Debajyoti Pati, Thomas Harvey, Jennie Evans and Carolyn Cason. (2010). Room Handedness: Patient room layout in acute inpatient care. *World Health Design*, 3(3), 74-81.

Debajyoti Pati. (2010). Testing Differences Before-and-After or Among Groups in Healthcare Design Research. *Health Environments Research & Design Journal*, 3(3), 11-18.

Thomas Harvey, Terry Ritchey and Debajyoti Pati. (2010). Optimizing Operations while Promoting Healing. *Healthcare Design*, 10(4), 34-38.

Debajyoti Pati. (2010). Positive Distractions. *Healthcare Design*, 10(3), 28-34.

Debajyoti Pati, Cheol-Soo Park and Godfried Augenbroe. (2010) A Facility Maintenance Performance Perspective to Target Strategic Organizational Objectives. *Journal of Performance of Constructed Facilities*, 24(2), 180-187.

Debajyoti Pati, Thomas Harvey and Kay Shields Ragan. (2009). Patient Safety: What Enhances Patient Visibility? *Healthcare Design*, 9(11), 84-90.

Debajyoti Pati and Thomas Harvey. (2009). Inpatient Unit Flexibility: Design Characteristics of a Successful Flexible Unit. *World Health Design*, 2(3), 56-63.

Debajyoti Pati and Jennie Evans. (2009). Caregiver Stress Zones. *Advance for Nurses*, April 15, 2009. <http://nursing.advanceweb.com/Article/Caregiver-Stress-Zones.aspx?prg=20>

Debajyoti Pati. (2009). Arquitetura Baseada em Evidência num Período de Crise. *Saude Business*, Brazil, June 17, 2009.

Debajyoti Pati, Thomas Harvey, Evelyn Reyers, Jennie Evans, Laurie Waggener, Marjorie Serrano, Rachel Saucier and Tina Nagle. (2009). A Multi-Dimensional Framework for Assessing Patient Room Configurations. *Health Environment Research and Design Journal*, 2(2), 88-111.

Upali Nanda, Debajyoti Pati and Katie McCurry. (2009). Neuroesthetics and Healthcare Design. *Health Environments Research and Design Journal*, 2(2), 116-133.

Debajyoti Pati. (2009). Crunch Time. *World Health Design*, 2(1), 23.

Debajyoti Pati, Jennie Evans, Laurie Waggener and Thomas Harvey. (2008). An Exploratory Examination of Medical Gas Booms versus Traditional Headwalls in ICU Design. *Critical Care Nursing Quarterly*, 31(4), 341-357.

Debajyoti Pati, PhD, FIIA, LEED® AP

Terry Ritchey and Debajyoti Pati. (2008). Establishing an Acute Care Nursing Bed Unit Size. *Health Environment Research & Design Journal*, 1(4), 122-132.

Debajyoti Pati, Thomas Harvey and Carolyn Cason. (2008). Inpatient Unit Flexibility: Design Characteristics of a Successful Flexible Unit. *Environment and Behavior*, 40(2), 205-232.

Debajyoti Pati, Thomas Harvey and Paul Barach. (2008). Relationships between Exterior Views and Nurse Stress: An Exploratory Examination. *Health Environments Research and Design Journal*, 1(2), 27-38.

Clarissa Lima and Debajyoti Pati. (2008). Time to Spare. *Advance for Nurses*, 10(11), 23-24.

Jennie Evans, Debajyoti Pati and Thomas Harvey. (2008 - April). Rethinking Acuity Adaptability. *Healthcare Design*, 22-25.

James Thomas, Sunni Thomas, Debajyoti Pati, Jennie Evans and Laurie Waggener. (2008 - Spring). The Right Context to Invest in Medical Gas Ceiling Booms. *Children's Hospital Today*, 16, 30-31.

Terry Ritchey, Debajyoti Pati and Thomas Harvey. (2008 - March). Taking Care of Nurses. *Advance for Nurses*, 10(6), 27-28.

Thomas Harvey and Debajyoti Pati. (2008 - February). Functional Flexibility: Nine Attributes of Adaptable Hospital Spaces. *Health Facilities Management*, 21(2), 29-34.

Debajyoti Pati, Cheol-Soo Park and Godfried Augenbroe. (2008). Roles of Quantified Expressions of Building Performance Assessment in Facility Procurement. *Building and Environment*, 44(4), 773-784.

Debajyoti Pati, Cheol-Soo Park and Godfried Augenbroe. (2008). Targeting Client Goals within a Performance Framework: Facility Maintenance KPIs as Facilitators of Strategic Organizational Objectives. *Proceedings of the CIB W070 conference*, Edinburgh, UK, June 16-18, 501-508.

Debajyoti Pati, Craig Zimring and Mallika Bose. (2007). Rethinking Openness: Courthouses in the United States. *The Journal of Architectural and Planning Research*, 24(4), 308-324.

Debajyoti Pati and Godfried Augenbroe. (2007). Integrating Formalized User Experience within Building Design Models. *Computer-Aided Civil and Infrastructure Engineering*, 22(2), 117-132.

Debajyoti Pati and Godfried Augenbroe. (2006). Modeling Relative Influence of Environmental and Socio-Cultural Factors on Context-Specific Functions. *International Journal of Physical Sciences*, 1(3), 154-162.

Debajyoti Pati, Cheol-Soo Park and Godfried Augenbroe. (2006). Roles of Building Performance Assessment in Stakeholders Dialog in AEC. *Automation in Construction*, 15(4), 415-427.

Debajyoti Pati, Cheol-Soo Park and Godfried Augenbroe. (2005). Roles of Quantified Expressions of Building Performance in AEC. *Innovations in Architecture, Engineering and Construction*. Rotterdam, June 15-17, Netherlands, 819-830.

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Debajyoti Pati, Godfried Augenbroe and Cheol-Soo Park. (2005). Integrating Building Performance Assessment Concepts in Shared Building Model. *11th Joint CIB International Symposium*, June 13-16, Helsinki, Finland, 69-80.

Debajyoti Pati, Cheol-Soo Park and Godfried Augenbroe. (2005). Roles of Building Performance Assessment in Stakeholders Dialog in AEC. *The Future of the AEC Industry*. Organized by the Building Futures Council, Las Vegas, March 16-17, 11-26.

Debajyoti Pati and Craig Zimring. (2004). Rethinking Public Buildings: Case of the American Courthouse. *Proceedings of the Annual Meeting of the Association of Collegiate Schools of Architecture*, Miami, March 18-21, 286-293.

Debajyoti Pati and Craig Zimring. (2003). Exploring Openness of Contemporary Federal Architecture. *Proceedings of EDRA 34 Conference*, Minneapolis, May 21-25, 143-149.

Debajyoti Pati and Godfried Augenbroe. (2003). The Capturing of POE Data in Semantic Building Models. *Proceedings of Building Integration Solutions 2003*, Austin, September 17-20, organized by Architectural Engineering Institute of the American Society of Civil Engineers.

Debajyoti Pati. (1996). A Case Study of the Technique of Simple Observation. *The Indian Journal of Social Work*, 57(4), 530-544.

Debajyoti Pati, D. (Dec 1995-Jan 1996). Designing Attractions in a Changing Market. *Journal of the Indian Institute of Architects*, 60(8), 15-19.

Debajyoti Pati. (1995). Towards a More Effective National Energy Policy. *Proceedings of the All India Seminar-cum-Workshop on Solar Passive Architecture*, held at the Institution of Engineers, Orissa State Center, Bhubaneswar, India, 46-52.

Webinars and Webcasts

Debajyoti Pati and Doug Bazuin. (2010). Inflexibility in Flexible Design—Factors that Can Stifle Design. Healthcare Design Virtual Symposium. Vendome Group. December 8, 2010.

Debajyoti Pati and Thomas Harvey. (2010). Impact of Physical Design Options on Nurse Walking Time in Inpatient Units. 2010 webinar series from Healthcare Design, May 6, 2010.

Debajyoti Pati and Terry Ritchey. (2009). Returning Nurses' Time to the Bedside: The Impact of Decentralization on Nurses' Walking Time. 2009 webinar series from Facility Care Magazine, December 3, 2009.

Debajyoti Pati, James May and Arnold Burger. (2008). Flexible Design Solutions for Health Care Facilities! Practice Green Health webinar, US Green Building Council's, Green Guide for Health Care (GGHC), November 14, 2008.

Thomas Harvey and Debajyoti Pati. (2008). The Design Characteristics of a Successful Adaptable Inpatient Unit. Center for Health Design 2008 Webinar Series, May 1, 2008. <http://www.healthdesign.org/education/webcast/webinarseries.php>

Debajyoti Pati, PhD, FIIA, LEED® AP

Debajyoti Pati, Thomas Harvey and Arthur St Andre. (2007 - 2008). Strategies for Increasing Collaboration and Interaction within Academic Medical Centers. TRADELINE: Academic Medical Center Webcast. <http://www.tradelineinc.com/webcast/91E0B693-2B3B-B525-8A357CB124B0FECF>.

Keynotes and Invited Talks

2011: “New Directions in the Future of Healthcare Design—The Experts Speak Out”. Healthcare Design Conference. Nashville, TN. Nov 13-16. Moderator: Todd Hutlock, Editor-in-Chief, HEALTHCARE Design and Healthcare Building Ideas. Panelists: Debajyoti Pati, David Tam, Jain Malkin, Sheila F. Cahnman, Kim E. Shinn, and Thomas Gormley.

2011: “Safety and Efficiency Correlates of ED Physical Design: Notes from the Field”. Center for Health Design, Pebble Partners Colloquium, Lexington, KY, September 13-14.

2011: “The Research-Based Practice”. 2011 SAR Architecture for Health Spring Conference. Panelists: Dina Battisto, Debajyoti Pati, Craig Zimring, Kirk Hamilton, and Tom Harvey. Clemson, SC, May 20.

2010: “Designing for Patient Safety: The Role of Room Handedness and Decentralization”. Architecture for Health Spring Lecture Series, Texas A&M University.

2009: “UTA Practice Academy Panel: Research + Evidenced Based Design”. Invited Panelist. University of Texas at Arlington. October 26, 2009.

2008: “Evidence-Based Design in Healthcare”. Masters of Architecture Program, Texas Tech University. August 27, 2008.

2008: “View From A Far: The Influence of View Content & Duration on Nurse Stress”. April 2008 Pebble Partner Colloquium, Center for Health Design, Eugene, OR, April 8.

2008: “Providing Tier-One Service: Clinical Expertise & Research Evidence. Architecture for Health Spring Lecture Series, Texas A&M University. TX, February 6.

2007: Overview of Current Courthouse Research. Neuroscience and Courthouse Design Workshop. Debajyoti Pati. Sponsored by Academy of Architecture for Justice and Academy of Neuroscience in Architecture. Polytechnic University, New York, NY, September 29-30.

2007: “Designing for Patient safety”. Architecture for Health Program, College of Architecture, Texas A&M University, TX, February 13.

2007: “Research in Healthcare Design Practice”. Graduate Studies for Architecture and Health, Clemson University, SC, September 27.

2006 - 2009: “Evidence-Based Design”. Masters of Architecture program, University of Texas at Arlington, School of Architecture.

2006: “Hard and Soft Program Spaces”. Architecture Program, Southern Polytechnic and State University, GA.

Conference Speaking Engagements

Debajyoti Pati, Jennie vans, Thomas Harvey and David Vincent. (2012). First Do No Harm: How the Physical Design Impacts Safe Care in the Emergency Department. ASHE-PDC conference, Phoenix, AZ, March 4-7.

Debajyoti Pati, Jaynelle Stichler and Deborah Sweetland. (2011). A Framework for Evaluating Evidence in Evidence-Based Design. Healthcare Design Conference. Nashville. Nov 13-16.

Debajyoti Pati, Barbara Summers, Pamela Redden and Mahbub Rashid. (2011). Teaming Up—Does Unit Decentralization Impact Teamwork and Operational Efficiencies? Healthcare Design Conference. Nashville. Nov 13-16.

Debajyoti Pati and Tom Harvey. (2011). Operational Challenges Associated with the All Single Patient Room Concept in Acute Care. EDRA 2011, Chicago, May 25-28.

Cherif Amor, Debajyoti Pati, Verrick Walker, Emily Guilford and Jill Pable. (2011). Evidence-Based Design: What Kind of Conceptual Framework? EDRA 2011, Chicago, May 25-28.

Angela Lee, Debajyoti Pati and Bill Seed. (2011). Building Smart Without Compromising Efficiency. ASHE-PDC, Tampa, FL, March 13-16.

Debajyoti Pati, Thomas Harvey, Jennie Evans and Doug Bazuin. (2010). Inflexibility in Flexible Design—Factors that Can Stifle Design. Health Care Design, Las Vegas, NV, Nov 13-16.

Anjali Joseph, Xiaobo Quan and Debajyoti Pati. (2010). What Do I Measure? Metrics and tools Used in EBD Research. Health Care Design, Las Vegas, NV, Nov 13-16.

Debajyoti Pati (2010). Beyond Reasonable Doubt: Can (or Should) BIM be Evidence-Based? BIMForum, October 14-15, Atlanta, GA.

Debajyoti Pati and Thomas Harvey. (2010). Illustrating a Performance-Based Approach to Evidence-Based Design: A Case Study of Nurse Walking Distance. EDRA 2010, Washington DC, June 2-6.

Saif Haq and Debajyoti Pati. (2010). Examining the 'Sharp End': Evidence-Based Knowledge and Design Decision Making. EDRA 2010, Washington DC, June 2-6.

Debajyoti Pati and panel. (2010). Applying Research in Practice. EDRA 2010, Washington DC, June 2-6.

Debajyoti Pati and Thomas Harvey. (2010). Can You See Me: Exploring the Multiple Dimensions of Patient Visibility. ASHE-PDC, San Diego, CA, March 14-17.

Debajyoti Pati, Upali Nanda and Laurie Waggener. (2010). Modulating Behavior in the Waiting Areas: How Positive Distractions Can Contribute to Strategic Organizational Objectives. ASHE-PDC, San Diego, CA, March 14-17.

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Debajyoti Pati, Terry Ritchey and Evelyn Reyers. (2009). Are Same-Handed Patient Care Environments Safer & More Efficient?—An Empirical Assessment. Health Care Design, Orlando, FL, Oct 31-Nov 03.

Debajyoti Pati, Upali Nanda and Laurie Waggener. (2009). Do Positive Distractions Influence Human Behavior? —A study of Pediatric Patients in Two Waiting Areas. Health Care Design, Orlando, FL, Oct 31-Nov 03.

Thomas Harvey, Debajyoti Pati and Terry Ritchey. (2009). Reducing Nurse Walking Distance Through Design: Areas of Maximum Impact. Healthcare Facilities Symposium & Expo, Chicago, IL, September 30 – October 02.

Debajyoti Pati and Thomas Harvey. (2009). Patient Room Handedness: Implications on Patient Safety and Care Efficiency. EDRA, Kansas City, MO, May 27-31.

Debajyoti Pati and Thierry Rosenheck. (2009). Workshop on Openness and Security. EDRA, Kansas City, MO, May 27-31.

Debajyoti Pati, Kathy Speer, Ron Dennis and Upali Nanda. (2009). Positive Distractions: Engineering the Waiting Experience of Pediatric Patients. NACHRI 2009 Facilities Design Conference, Austin, TX, May 13-15.

Thomas Harvey and Debajyoti Pati. (2009). Patient Safety: An Empirical Examination of Safety and Efficiency Implications of Patient Room Handedness. ASHE-PDC, Phoenix, AR, March 8-11.

Debajyoti Pati, James Thomas and Jennie Evans. (2008). Medical Gas Ceiling Booms: The Right Set of Circumstances to Invest. Health Care Design, Washington, DC, November 8-11.

Thomas Harvey, Debajyoti Pati and Jennie Evans. (2008). Inboard versus Outboard Toiler/Shower Location: The Impact on Patients and Clinicians. Health Care Design, Washington, DC, November 8-11.

Jay Farbstein, Melissa Farling, Mark Goldman, Debajyoti Pati and Dennis Dunne. (2008). Evidence-Based Design for Sustainable Justice Facilities. The American Institute of Architects, Academy of Architecture for Justice Conference, San Francisco, CA, November 5-8, 2008.

Debajyoti Pati and Thomas Harvey. (2008). Impacts of Different Patient Room Configurations on Patient Care Activities in Adult Medical-Surgical Units. EDRA 39 International Conference, Veracruz, Mexico, May 28 – June 1.

Debajyoti Pati, Jay Farbstein, Rich Wener and Melissa Farling. (2008). Toward an Environmental Neuropsychology: Neuroscience and Courthouse design. EDRA 39 International Conference, Veracruz, Mexico, May 28 – June 1.

Doug Puckett, Thomas Harvey and Debajyoti Pati. (2008). Evidence Based Design: Addressing Client Goals through Physical Design. Construction Owner Association of America (COAA) 2008 Spring Owners Leadership Conference, St Louis, MO, May 7-9.

Jennie Evans and Debajyoti Pati. (2008). A Performance-Based Approach to Optimizing Patient Room Configuration. NACHRI Facilities Design Conference, Denver, CO, May 7-9.

Debajyoti Pati, PhD, FIIA, LEED® AP

Debajyoti Pati and Paul Barach. (2008). A Caregivers View and its Effect on Patient Healing. ASHE-PDC, Orlando, FL, March 10-13, 2008.

James Thomas, Debajyoti Pati and Jennie Evans. (2008). Medical Gas Booms versus Traditional Headwalls. ASHE-PDC, Orlando, FL, March 10-13, 2008.

Debajyoti Pati, Paul Barach and Thomas Harvey (2007). View From A Far: The Influence of Views in Inpatient Care Units on Nurse Stress and Well-Being. Health Care Design Conference, Dallas, TX, Nov 3-6, 2007.

Thomas Harvey and Debajyoti Pati. (2007). Defining the Design Characteristics of a Successful Adaptable Inpatient Unit. Health Care Design Conference, Dallas, TX, Nov 3-6, 2007.

Terri Zborowsky, Debajyoti Pati, Anjali Joseph and Lynn Geboy. (2007). Towards a New Paradigm of Healthcare Design Practice: Informing Decision-Making through Research. Health Care Design Conference, Dallas, TX, Nov 3-6, 2007.

Debajyoti Pati, Lubomir Popov and Ross Koppel. (2007). Healthcare Design Research Problems: Opportunities for Collaboration with Sociologists. Association of Applied and Clinical Sociologists (AACCS). Ann Arbor, MI, October 4-6.

Debajyoti Pati, Mahbub Rashid and Craig Zimring. (2007). Balancing Openness and Security in Federal Courthouses: Reassessing Openness in a Heightened Security Scenario. EDRA 38, Sacramento CA, May 30 – June 3, 2007.

Debajyoti Pati, Craig Zimring and Thomas Harvey. (2007). Influence of View in Inpatient Care Units on Nurse Stress and Well-Being. EDRA 38, Sacramento CA, May 30 – June 3, 2007.

Debajyoti Pati, Thomas Harvey and Carolyn Cason. (2007). Defining the Design Characteristics of a Successful Adaptable Inpatient Care Unit. EDRA 38, Sacramento CA, May 30 – June 3, 2007.

Debajyoti Pati and panel. (2007). Evidence-Based Design in Architectural Practice: Issues and Challenges. EDRA 38, Sacramento CA, May 30 – June 3, 2007.

Thomas Harvey and Debajyoti Pati. (2007). Inpatient Unit Design: Defining the Design Characteristics of a Successful Adaptable Unit. American Institute of Architects National Convention, San Antonio TX May 2-5, 2007.

Arthur St Andre, Thomas Harvey and Debajyoti Pati. (2007). Designing for Intensive Care. 2007 International Conference and Exhibition on Health Facility Planning, Design and Construction (ASHE-PDC), San Antonio TX, February 25-28, 2007.

Thomas Harvey, Debajyoti Pati and John Rich. (2006). The Lean Mean Inpatient Care Machine. Healthcare Facilities Symposium, Chicago, IL, October 24-26.

Debajyoti Pati and Laurie Waggener. (2006). Healthcare Design Research Problems: Opportunities for Collaboration with Sociologists. Sociology for What? 2006 Annual Conference of the Association for Applied and Clinical Sociology (AACCS). October 26-28, San Jose, CA.

Debajyoti Pati, PhD, FIIA, LEED® AP

Debajyoti Pati and Robert Farrow. (2006). The Role of the Physical Environment in the Hospital of the 21st century. Beyond Conflict, EDRA 37, Atlanta, GA, May 3-7.

Debajyoti Pati. (2005). Interfacing E-B Research and Building Design: Revisiting POEs through a Conceptual Modeling Approach within the Performance Framework. EDRA 36, Vancouver, April 27-May 1.

Debajyoti Pati and Athanassios Economou. (2005). Information and Communications Technology in Courthouse Design and Management: The CourtsWeb Project. GSA-PBS Capital Construction Conference. Organized by the Office of Chief Architect, GSA-PBS, Miami, FL, April 4-7.

Craig Zimring and Debajyoti Pati. (2004). Web-Based Courthouse “Source Book” Facilitating the Comparison of Various Courthouse Design Strategies of an Assembled Library of Projects. Delivering Design Excellence in Justice Architecture. 5th International Conference on Justice Design. Organized by the American Institute of Architects, Chicago, IL, October 27-30.

Mallika Bose, Debajyoti Pati and Craig Zimring. (2004). Reconciling Security, Openness and Community: The Case of Federal Courthouses. EDRA 35, Albuquerque, NM, May 2004.

Craig Zimring, Ed Feiner, Gary Hack, Debajyoti Pati and Sharon Tsepas. (2002). Plenary Address: Designing the Public Domain in a Dangerous World. EDRA 33 Conference, Philadelphia.

Craig Zimring, Saif Haq, Debajyoti Pati, Thierry Rosenheck and F. Szigeti. (2000). Learning from Post Occupancy Evaluation. Workshop in the EDRA 31 Conference, San Francisco, May 10-14.

Peer Review Activities

Member, Research Committee, College of Human Sciences, Texas Tech University (2011-)
Member, Editorial Advisory Board, Health Environments Research and Design Journal (2010-)
Member, Editorial Review Board, Health Environments Research and Design Journal (2007-2010)

Member, Editorial Board, The Open Construction and Building Technology Journal
National Science Foundation

Center for Health Design

Health Environments Research & Design Journal (journal)

Building & Environment (journal)

Architectural Science Review (journal)

Environment & Behavior (journal)

Journal of Environmental Psychology

Early Childhood Services (journal)

EDRA, 2008, Veracruz, Mexico (a peer reviewed international conference)

EDRA, 2007, Sacramento, CA (a peer reviewed international conference)

National convention of the Association of Collegiate Schools of Architecture, 2008, Houston (a peer reviewed national conference)

National convention of the Association of Collegiate Schools of Architecture, 2004, Miami

Buildings Integration Solutions, 2003, Austin (organized by the Architectural Engineering Institute of the American Society of Civil Engineers)

Debajyoti Pati, PhD, FIIA, LEED® AP

Major Trade Publications and News Media

2011: Listed as juror in the Healthcare Design 2011 Architectural Showcase Jury, Healthcare Design, September 2011, 95.

2010: Featured in the article: "25 Most Influential People in Healthcare Design". *Healthcare Design*, 10(12), December 2010, 26-29.

2010: Featured in article "Same-Handed Rooms". Author: Jeff Stouffer. *Healthcare Design*, 10(12), 30-33.

2010: Featured in article: "Better Care: UT Arlington, HKS studying what happens in patient rooms". Author: Elizabeth Bassett. *Fort Worth Business Press*, July 16, 2010.

2010: Featured in article: "HKS explores research opportunities through new nonprofit arm". Author: Jennifer Kovacs. *Healthcare Design*, December 22, 2010.

2010: Cited in article: "BIM Forum Atlanta: Your Introduction to Evidence-Based BIM". Author: Jeff Yoders. BIM Forum News. <https://bimforum.org/2010/10/01/bimforum-atlanta-your-introduction-to-evidence-based-bim/>

2010: Mentioned in article: "HKS Launches Space-Use Research Center". *Dallas Business Journal*, September 17, 2010.

2010: Mentioned in article: "HKS CS&R Receive International Recognition". *Dallas Business Journal*, June 18, 2010.

2010: Mentioned in article: "An Academy Award for research? Yes!" in the UTA School of Nursing, News and Events website. June 16, 2010.

2010: Mentioned in article: "Research on patient room design brings international recognition for nursing professor". UTA News release, June 25, 2010.

2010: Listed in article: "Winners Set New Benchmarks at the Design & Health". *Medical Design & Construction*, June 2010.

2010: Listed as juror in article: "'Small house' design rules in DESIGN 2010". *Long-Term Living*, March, 2010.

2009: Listed in the article: "25 Most Influential People in Healthcare Design". *Healthcare Design*, 9(12), December 2009, 27-31.

2009: Cited in "Hospital Conditions". Author: Joyce Tsai. Media: *Dallas Business Journal*. November 6, 2009.

2009: Cited as "People on the Move" in *Dallas Business Journal*.

2009: Quoted in *Modern Healthcare* magazine. Title: "The pressure builds". Author: Andis Robeznieks. Posting Date: March 16, 2009.

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2009: Featured in article in *Texas Contractor* titled “HKS’ Pati Honored” . Author: Texas Contractor Staff. Posting date: March 02, 2009.

2009: Mentioned in the News section of Healthcare Design – “HKS’ Pati Elected to College of Fellows of Indian Institute of Architects”. Author: John Oberlin, Online Editor. Posting date: January 06, 2009. Media: *Healthcare Design*.

2008: Quoted, and work cited in “Study devises ways to shorten steps and give nurses more time”. Author: Editorial. Media: *Health Facilities Management* (March).

2007: Work cited in “Neuroscience and Courthouse Design Workshop: Understanding Cognitive Processes in the Courthouse”. Author: Christina Noble. Media: American Institute of Architects Official Website.

2007: Quoted in: “Healthy Hospital Design”. Author: Nayantara Som. Media: *Express Healthcare* of the **Indian** Express Newspaper Group. Vol.1, No.1, pp 31-33, January 2007.

Research Projects

Title: Establish Department of Defense (US DoD) Center for Medical Research and Innovation

Contract Holder: CADRE and HKS, Inc.

Period: October 2011 to September 2012

Role: Overall management as CADRE executive director

Title: Clinical Review of the 2010 FGI Guidelines for the Design and Construction of Healthcare Facilities.

Contract Holder: CADRE

Period: May 2011 to October 2011

Role: Overall management as CADRE executive director

Title: Examine the Impact of Inpatient Unit Decentralization on Staff Communication Collaboration and process efficiencies.

Contract Holder: CADRE

Period: January 2011 to December 2011

Location: MD Anderson Cancer Center

Collaborators: MD Anderson Cancer Center, University of Kansas

Role: PI

Title: Environmental Correlates of Efficiency and Safety in Emergency Departments: An Exploratory Examination

Contract Holder: CADRE

Funds: Academy of Architecture for Health Foundation (AAHF) Research Grant and Herman Miller Grant.

Period: January 2010 to December 2011

Collaborators: Synurgy Healthcare Solutions, Stantec

Role: PI

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Title: Systemic and Cultural Factors Impeding Designing for Operational Flexibility.

Contract Holder: CADRE

Funds: Herman Miller Grant.

Period: January 2009 to January 2011.

Role: PI

Title: Advancing Translational Research by Design (*Expert Roundtable*)

Date: November 6, 2010

Contract Holder: CADRE

Collaborator: MedStar Institute for Innovation (MI2)

Location: Washington Hospital Center, MedStar Health, Washington, DC.

Role: Facilitator

Title: Membrane Ceiling in the ED

Contract Holder: HKS

Funds: HHS Grant - 6 HFPEP070012-01-02

Period: October 2008 – June 2009

Role: Co-I

Title: Towards optimizing inpatient unit design and care model: a measure to predict nurse walking distance on hospital bed units.

Contract Holder: HKS

Funds: Herman Miller Grant.

Period: January 2008 to August 2009.

Collaborator: The Research and Education Institute of the Texas Health Resources

Role: PI

Title: Patient room handedness and caregiver body mechanics: Physical design correlates of staff body mechanics in patient care delivery.

Contract Holder: HKS

Funds: Academy of Architecture for Health Foundation (AAHF) Research Grant and Herman Miller Grant.

Period: December 2007 to May 2009.

Collaborator: University of Texas Arlington School of Nursing

Role: PI

Title: Impact of patient room physical design elements on the care process, caregivers and patients.

Contract Holder: HKS

Period: October 2007 to December 2008.

Collaborator: Integris Baptist Medical Center, Oklahoma City

Role: PI

Title: Influence of positive distractions on children in hospital waiting areas.

Contract Holder: HKS

Funds: American Art Resources, Catherine Meyers Ambient Art™, Henry Domke Fine Art, Mohawk, Gail Nash

Period: January 2008 to August 2009.

Collaborator: American Art Resources, Children's Medical Center Dallas

Role: PI

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Title: Inpatient Unit Design: Defining the design characteristics of a successful adaptable unit.

Contract Holder: HKS

Funds: AIA 2006 Research Grant and Herman Miller Grant.

Period: May 2006 to February 2007.

Collaborator: University of Texas Arlington School of Nursing

Role: PI

Title: Influence of visual environment and cumulative minor irritants in the physical and social environment of inpatient units on nurse stress and well-being.

Contract Holder: HKS

Period: June 2006 to May 2007.

Collaborator: Children's Healthcare of Atlanta

Role: PI

Title: A multi-dimensional comparative assessment of Headwall versus Ceiling Booms in Intensive Care Units.

Contract Holder: HKS

Funds: Getinge USA grant.

Period: December 2007 to May 2008.

Collaborator: Children's Medical Center Dallas

Role: PI

Title: CourtsWeb - An Interactive website for U.S. Courthouses and Courtrooms.

Contract Holder: Georgia Institute of Technology

Funds: USGSA and US Courts research grant.

Period: August 2001 – August 2005.

Location: 14 new federal courthouse projects

Role: Co-I and Project Manager

Title: Exploring relationships between physical design and walking behavior in campus settings.

Contract Holder: Georgia Institute of Technology

Funds: NIH and CDC research grant.

Period: November 2005 to October 2007

Role: Co-author of grant

Title: The Role and Scope of a Centralized Courtroom Mock-up Facility.

Contract Holder: Georgia Institute of Technology

Funds: USGSA and US Courts research grant.

Period: August 1999 to August 2001.

Role: GRA and Project Manager

Title: Maximizing the benefits of courtroom POEs in design decision support and academic inquiry through a unified conceptual model.

Period: 2003 to 2005

Doctoral Dissertation

Title: The North American skyway systems : a post implementation evaluation.

Period: 1990-1991

MASA Dissertation

Hospitals Involved in Research Studies

- Bon Secours St. Francis Hospital, Charleston, South Carolina
- Children's Healthcare of Atlanta Egleston, Atlanta, Georgia
- Children's Healthcare of Atlanta, Scottish Rite, Atlanta, Georgia
- Children's Medical Center Dallas, Dallas, Texas
- Clarian West Medical Center, Avon, Indiana
- Dr Philips Hospital, Orlando, Florida
- Emory Healthcare, Atlanta, Georgia
- Harris Methodist Southwest, Fort Worth, Texas
- Homestead Hospital, Homestead, Florida
- Houston Medical Center, Houston, Georgia
- Integris Baptist Medical Center, Oklahoma City, Oklahoma
- Laredo Medical Center, Laredo, Texas
- McKay Dee Medical Center, Ogden, Utah
- MD Anderson Medical Center, Houston, Texas
- Methodist Charlton Medical Center, Dallas, Texas
- Parker Adventist Hospital, Parker, Colorado
- Presbyterian Hospital Plano, Plano, Texas
- St Joseph Mercy Hospital, Ypsilanti, Michigan
- St. Rose Dominican Hospital – San Martin, Las Vegas, Nevada
- St. Rose Dominican Hospital – Siena Campus, Henderson, Nevada
- Summerlin Hospital Medical Center, Las Vegas, NV
- Texoma Medical Center, Denison, TX
- Walls Regional Hospital, Cleburne, Texas
- Washington Hospital Center, Washington, DC

Facility Performance Evaluations

2002, Facility performance evaluation of Federal Courthouse at St Louis, MO
2002, Facility performance evaluation of Federal Courthouse at Omaha, NE
2002, Facility performance evaluation of Federal Courthouse at Greeneville, TN
2002, Facility performance evaluation of Federal Courthouse at Corpus Christi, TX
2003, Facility performance evaluation of Federal Courthouse at Cleveland, OH
2003, Facility performance evaluation of Federal Courthouse at Hammond, IN
2003, Facility performance evaluation of Federal Courthouse at Covington, KY
2004, Facility performance evaluation of Federal Courthouse at Scranton, PA
2004, Facility performance evaluation of Federal Courthouse at Islip, NY
2004, Facility performance evaluation of Federal Courthouse at Youngstown, OH
2004, Facility performance evaluation of Federal Courthouse at Gulfport, MS
2004, Facility performance evaluation of Federal Courthouse at Montgomery, AL
2005, Facility performance evaluation of Federal Courthouse at Erie, PA
2005, Facility performance evaluation of Federal Courthouse at Seattle, WA

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Selected Positions, Awards and other Experiences

2011	EDRA's Placemaker Accreditation Exploratory Committee, 2011-2012
2011	Judge, ParticiPlace2011, UC Berkeley
2011	Juror, Healthcare Design Remodel Renovation Showcase
2011	Keynote speaker, Healthcare Design Conference, Nashville, TN
2011	Juror, Healthcare Design Architectural Showcase
2011	Keynote Speaker, 2011 SAR Architecture for Health Spring Conference, Clemson, SC
2011	Spring Masters Studio, Texas Tech University
2010	Ranked 12 th among the Healthcare Design magazine's 25 Most Influential People in Healthcare Design
2010 -	Member, Editorial Advisory Board, Health Environments Research and Design Journal
2010	Best International Research Project Award, International Academy for Design and Health
2010	Grant Reviewer, National Science Foundation
2010	Grant reviewer, Center for Health Design, 2010 grant cycle
2010	Juror, DESIGN: Environments for Aging showcase, Vendome/Long Term Living magazine.
2010	Academy of Architecture for Health Foundation (AAHF) 2010 research grant
2010	Member, AIA AAH Research Initiatives Committee/Network of Stakeholders
2010	Organizer, 2010 Design Research Collaborative Program
2010 Fall	Fall class – Health and the Built Environment, Texas Tech University
2010 Spring	Spring Masters Studio, Texas Tech University
2009	Best International Research Project Award, International Academy for Design and Health
2009	Ranked 15 th among the Healthcare Design magazine's 25 Most Influential People in Healthcare Design
2009	LEED AP
2009 Spring	Spring Masters Studio, Texas Tech University
2008-10	Conference committee, EDRA International Conference, Washington, DC, 2010.
2008	Elected Fellow of Indian Institute of Architects
2008	Member, Editorial Board, The Open Construction and Building Technology Journal
2008-	Center for Health Design; Member, Research Coalition
2008	Grant reviewer, Center for Health Design, 2008 grant cycle
2008	Fall Masters Studio, Texas Tech University
2007 - 10	Member, Editorial Review Board, Health Environments Research and Design Journal
2007	Keynote speaker, Neuroscience and Courthouse Design Workshop, New York, NY
2007 -	Healthcare Environment Research Summit; Chair, Evidence Based Design Research Workgroup
2007	Academy of Architecture for Health Foundation (AAHF) 2007-8 research grant
2006	American Institute of Architects (AIA) research grant
2004 -	Environmental Design Research Association; Member

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- 2004 Doctoral Program Achievement Award for research, College of Architecture, Georgia Institute of Technology.
- 2003 - 2005 Architectural Engineering Institute of The American Society of Civil Engineers; Member
- 2003 Completed *Serviceability Tools & Methods (ST&M)* courses administered by the International Center for Facilities, Canada.
- 2003 Completed executive course on *The New American Courthouse*, in the Graduate School of Design, Office of Executive Education, Harvard University.
- 2001 Participated in forum on *Building Performance Assessments: Current and Evolving Practices for Post Occupancy Evaluation Programs*. Organized by the National Academy of Sciences, Washington, D.C., sponsored by The Federal Facilities Council.
- 1999 – 2005 Graduate Research Assistantship, Georgia Institute of Technology, Atlanta, GA., U.S.A.
- 1997 Five-day winter school on *Institutional Planning and Management*, organized by the Indian Society for Technical Education, India.
- 1997 – 2002 Empanelled architect in the Orissa Co-operative Housing Corporation, Bhubaneswar, Orissa, India.
- 1996 – 2002 Empanelled architect in the Bhubaneswar Municipal Corporation, Bhubaneswar, Orissa, India.
- 1996 Three-day program on *Total Quality Management in Technical Education*, organized by the Indian Society for Technical Education, and sponsored by the Canada India Institutional Co-operative Project, India.
- 1995 Eleven-day program on *Performance Appraisal & Development System in Technical Institutions*, sponsored by the Indian Society for Technical Education, India.
- 1995 – 1996 Sergeant-at-Arms, Rotary Club of Temple City, Bhubaneswar, India (selected position).
- 1994 - 1995 Director, Vocational Services, Rotary Club of Temple City, Bhubaneswar, India (selected position).
- 1994 - The Indian Society for Technical Education; Life Member
- 1990 - The Indian Institute of Architects
- 1990 Graduate Teaching Assistantship, University of British Columbia, Vancouver, B.C., Canada.
- 1989 – 91 University Graduate Fellowship, University of British Columbia, Vancouver, B.C., Canada.
- 1989 Graduate Student Representative, School of Architecture, University of British Columbia, Vancouver, Canada (elected position).
- 1988 - Council of Architecture (India); Registered to Practice
- 1987 Fourth Rank, B.Arch. examination, University of Bombay, Bombay, India.
- 1981 Art Exhibits, state level selection, All Orissa Fine Arts Exhibition, Orissa, India.
- 1980 Upendra Maharathi Award for Best Painting, state level competition, Orissa, India.
- 1978 Art Exhibits, state level selection, All Orissa Fine Arts Exhibition, Orissa, India.
- 1976 - 1982 Cultural Talent Search Scholarship in Art, awarded based on a national level competition by Department of Culture, Government of India.

Selected Past Professional Projects

As Director, Designers Den Private Limited (Bhubaneswar, India)

- Hotel Sea Point, Puri, Orissa, India.
- Interiors for Gold Dust, Bhubaneswar, Orissa, India.
- Utkal Exports Private Limited, Bhubaneswar, Orissa, India.
- Aaren Foods Private Limited, Bhubaneswar, Orissa, India.
- Manorama Estate Phase I, Bhubaneswar, Orissa, India.
- Manorama Estate Phase II, Bhubaneswar, Orissa, India.
- Manorama Estate Phase III, Bhubaneswar, Orissa, India.
- Manorama Estate Phase IV, Bhubaneswar, Orissa, India.
- Manorama Estate Phase V, Bhubaneswar, Orissa, India.
- Madhav Nilayam Apartments, Bhubaneswar, Orissa, India.
- Rajivnagar Core Housing Scheme, Aiginia, Bhubaneswar, Orissa, India.
- Utkal Housing Complex, Cuttack, Orissa, India.
- RSP Civic Center, Rourkela, Orissa, India.
- Rural Museum, OUAT, Bhubaneswar, Orissa, India.
- C.V.Raman College of Engineering Phase I, Bhubaneswar, Orissa, India.
- Machya Sadan, Bhubaneswar, India.

As Architect in Cairns Architect Planner (Vancouver, Canada)

- Ford Road Apartments, Pitt Meadows, B.C.
- Semiahmoo Community Estate, Surrey, B.C.
- Port Haney Redevelopment Plan, Maple Ridge, B.C.

As Architect in Gananath Shetty Architects (Mumbai, India)

- Interiors for Vijaya Bank Zonal Office at Mangalore, Karnataka, India.
- Commercial Complex at Mysore-Yelway Road, Mysore, Karnataka, India.
- Commercial Complex at Broadway Road, Madras, Tamilnadu, India.
- Interiors for Vijaya Bank, Fort Branch, Bombay, Maharashtra, India.
- Interiors for Syndicate Bank Zonal and Divisional Office, Santacruz, Maharashtra, India.
- Interiors for Syndicate Bank Santacruz Branch, Maharashtra, India.
- Interiors for New Modern Café at Dombivily, Maharashtra, India.
- Bhandary Metal Works complex, Goa, India.
- Market Yard for Agricultural Produce Market Committee at Mangalore, Karnataka, India.
- Pilgrim Lodge at Madhur, Polali, and Kashi for Ministry of Religious and Charitable Endowments, Government of Karnataka, India.
- Development of Shri Mookambika Temple Campus, Kollur, India.