

DEBAJYOTI PATI, PHD, FIIA, IDEC, LEED® AP

Professor
Department of Design
Texas Tech University

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EDUCATION

- Ph.D.: Georgia Institute of Technology, Atlanta, GA, U.S.A., (2005).
M.A.S.A.: University of British Columbia, Vancouver, B.C. Canada, (1991).
B.Arch.: University of Bombay, Bombay, India, (1987).

EMPLOYMENT HISTORY

Academic Positions

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|----------------------|----------------------------------|---|
| 08 2015 - | Professor | Texas Tech University, Department of Design, Lubbock, TX, U.S.A. |
| 09 2011 –
Current | Rockwell Endowment
Chair | Texas Tech University, College of Human Sciences, Lubbock, TX, U.S.A. |
| 09 2011 – 08
2015 | Associate Professor | Texas Tech University, Department of Design, Lubbock, TX, U.S.A. |
| 2005 May – Aug | Post Doctoral Fellow | College of Architecture, Georgia Institute of Technology, Atlanta, GA, U.S.A. |
| 1993 – 2002 | Lecturer/ Assistant
Professor | Department of Architecture, College of Engineering and technology, Biju Patnaik University of Technology, Bhubaneswar, India. |
| 1989 Jan – Aug | Lecturer | Department of Architecture, College of Engineering and technology, Orissa University of Agriculture and Technology, Bhubaneswar, India. |

Industry Positions

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|-------------|---|--|
| 2005 – 2011 | Vice President, Director
of Research | HKS, Inc., Dallas, TX, U.S.A. |
| 2008 – 2013 | Executive Director | Center for Advanced Design Research & Evaluation, Dallas, TX, U.S.A. |
| 1993 – 2002 | Director (Architecture) | Designers’ Den Private Limited, Bhubaneswar, India. |
| 1991 – 1992 | Architect | Cairns Architect Planner, Vancouver, B.C., Canada. |

Curriculum Vitae

1987 – 1988 Architect Gananath Shetty Architects, Bombay, India.

Administrative Positions

2008 – 2013 Executive Director Center for Advanced Design Research & Evaluation, Dallas, TX, U.S.A.

1993 – 2002 Director (Architecture) Designers' Den Private Limited, Bhubaneswar, India.

REGISTRATION AND CERTIFICATION

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

PROFESSIONAL AFFILIATIONS

- AACS (Association of Applied and Clinical Sociologists; past member)
- AEI-ASCE (Architectural Engineering Institute of The American Society of Civil Engineers)
- ASID (American Society of Interior Designers)
- CHD (Center for Health Design)
- CIB (International Council for Research and Innovation in Building and Construction; past member)
- EDRA (Environmental Design Research Association)
- HERG (Health Environments Research Group)
- IDEC (Interior Design Educators Council)
- IIA (Indian Institute of Architects); Fellow of IIA
- ISTE (Indian Society for Technical Education)
- USGBC (US Green Building Council)

AWARDS, HONORS AND RECOGNITIONS

2015 IIDA (International Interior Design Association) **Research Academic Award**.
2015 CIE (Computer and Information in Engineering) Advanced Modeling and Simulation (AMS) Technical Committee 2015 **Best Paper Award**. ASME 2015 International Design Engineering Technical Conferences & Computers and Information in Engineering Conference (IDETC/CIE 2015). Boston, MA.
2015 Michell Pinson (doctoral student) won the **Graduate Student Research Award**, of the Interior Designer Educator Council, USA.
2014 **Winner, International Research Project Award**, International Academy for Design and Health.
2014 **Outstanding Researcher Award**, College of Human Sciences, Texas Tech University.
2014- Director Emeritus, Center for Advanced Design Research & Evaluation.

Curriculum Vitae

- 2013 College of Human Sciences nominee, **Barnie E. Rushing Jr. Faculty Distinguished Research Award**, Texas Tech University.
- 2013 Hessem Ghamari (graduate student) adjudged Graduate Student of the Year, Texas Tech University, College of Human Sciences.
- 2013 Michelle Pinson's (graduate student) research project, "The Role of Altered Window Views on Feelings and Preferences of Pediatric Patients and Parents" received the first place graduate student award at the Southwest IDEC conference in Oklahoma City.
- 2013 Michelle Pinson's (graduate student) research project, "The Role of Altered Window Views on Feelings and Preferences of Pediatric Patients and Parents" received the 3rd place overall "Best Presentation" award at the Southwest IDEC conference in Oklahoma City.
- 2012 Winning team, **Nurture Collegiate Healthcare Design Competition**.
- 2011-2010 Rockwell Professorship, College of Human Sciences, Texas Tech University.
- 2010 Ranked 12th among the Healthcare Design magazine's **25 Most Influential People in Healthcare Design**.
- 2010 **Best International Research Project Award**, International Academy for Design and Health.
- 2009 Ranked 15th among the Healthcare Design magazine's **25 Most Influential People in Healthcare Design**.
- 2009 **Best International Research Project Award**, International Academy for Design and Health.
- 2004 **Doctoral Program Achievement Award** for research, College of Architecture, Georgia Institute of Technology.
- 1989 – 91 **University Graduate Fellowship**, University of British Columbia, Vancouver, B.C., Canada.
- 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.

OUTREACH AND PROFESSIONAL LEADERSHIP

- 2015-2015 Advisory Board, International Academy for Design and Health. (International)
- 2015 Juror, Healthcare Design Architectural and Interior Design Showcase. (National)
- 2015 Juror, Healthcare Design Product Innovation Award (International)
- 2015 Committee, AIA Academy of Architecture for Justice, POE Toolkit program. (National)
- 2015 Chief Juror, OSA (Odia Society of the Americas) Street Makeover Competition.
- 2014- Director Emeritus, Center for Advanced Design Research & Evaluation. (National)
- 2013 Juror, ASID (American Society of Interior Designers) Foundation Awards.

Curriculum Vitae

- (National)
- 2013 Juror, Healthcare Design's Architectural and Interior Design Showcase. (National)
- 2009-2013 Executive Director, Center for Advanced Design Research & Evaluation (National)
- 2012- Board of Directors, AIA-NIBS Building Research Council. (National)
- 2012- Founding member, Steering Committee, AIA-NIBS Building Research Council. (National)
- 2012- Member, REDCenter Advisory Council, American Art Resources. (International)
- 2012-13 Conference organizing committee, EDRA 2013 International Conference. (International)
- 2012- Member, RIPPLE Advisory Committee, Center for Health Design. (National)
- 2012 Juror, Healthcare Design Architectural Showcase. (National)
- 2012 Academic Advisor, ParticiPlace2011 international design competition, UC Berkeley. (International)
- 2011- Chair EDRA CORE Program Committee. (International)
- 2011 Juror, Healthcare Design Remodel Renovation Showcase. (National)
- 2011 Juror, Healthcare Design Architectural Showcase. (National)
- 2010 - Member, Editorial Advisory Board, Health Environments Research and Design Journal. (International)
- 2010 Grant Reviewer, National Science Foundation. (National)
- 2010 Juror, DESIGN: Environments for Aging showcase, Vendome/Long Term Living magazine. (National)
- 2010 Member, AIA Academy of Architecture for Health, Research Initiatives Committee/Network of Stakeholders. (National)
- 2010 Organizer, 2010 Design Research Collaborative Program, HKS Architects. (Regional)
- 2008-10 Conference committee, EDRA International Conference, Washington, DC, 2010. (International)
- 2008 Elected Fellow of Indian Institute of Architects. (National)
- 2008 Member, Editorial Board, The Open Construction and Building Technology Journal. (International)
- 2008- Center for Health Design; Member, Research Coalition. (National)
- 2007 - 10 Member, Editorial Review Board, Health Environments Research and Design Journal. (International)
- 2007 - 2009 Healthcare Environment Research Group; Chair, Evidence Based Design Research Workgroup. (National)
- 1997 – 2002 Empanelled architect in the Orissa Co-operative Housing Corporation, Bhubaneswar, Orissa, India. (Regional)
- 1996 – 2002 Empanelled architect in the Bhubaneswar Municipal Corporation, Bhubaneswar, Orissa, India. (Local)
- 1995 – 1996 Sergeant-at-Arms, Rotary Club of Temple City, Bhubaneswar, India (selected position). (Local)
- 1994 - 1995 Director, Vocational Services, Rotary Club of Temple City, Bhubaneswar, India (selected position). (Local)
- 1989 Graduate Student Representative, School of Architecture, University of British Columbia, Vancouver, Canada (elected position). (Local)

MEDIA MENTIONS

- 2015: NPSF Press Release titled "ASME Recognizes NPSF-Funded Research Study on Detecting Fall Risks". <http://www.npsf.org/news/244459/ASME-Recognizes-NPSF-Funded-Research-Study-on-Detecting-Fall-Risks.htm>
- 2015: NPSF Blog Post titled "Environmental Factors That Contribute to Falls". <http://npsf.site-ym.com/blogpost/1158873/223669/Environmental-Factors-That-Contribute-to-Falls>
- 2014: Quoted and work cited in "Can Different Architectural Forms Influence Patient Behavior?" *Healthcare Design*, June 26, 2014. Author: Anne DiNardo, Senior Editor.
- 2013: Featured in article "VCUQ wins three awards at Qatar Foundation research conference". *The Peninsula, Qatar*, December 13, 2013.
- 2013: Featured in article "Group to study fall prevention through better environmental design". *Patient Safety Monitor*. Release date: November 1, 2013.
- 2013: Featured in article "Study at Covenant to Show Sky Ceilings' Effect on Patients". *West Texas Hispanic News*, Feb 13, 2013.
- 2013: Featured in article "National Patient Safety Foundation Awards Research Grant for Innovative Project Investigating Environmental Factors Involved in Patient Falls". *San Francisco Chronicle*, August 20, 2013.
- 2013: Interviewed in *Fox News Lubbock*, Jan 30, 2013, in article (and evening news segment) titled "Covenant participates in 'Sky Ceiling' study". Author: Nicole Garza.
- 2012: Featured in article "Meeting of the Minds", *Healthcare Design*, 12(11), 94. Author: Kristine Zeit.
- 2012: Featured in article "Masters in Planning", *Healthcare Design*, 12(11), 85-86.
- 2011: Listed as juror in the Healthcare Design 2011 Remodel/Renovation Showcase, *Healthcare Design*, 11(12), December 2011, 49.
- 2011: Listed as juror in the Healthcare Design 2011 Architectural Showcase Jury, *Healthcare Design*, September 2011, 95.
- 2010: Featured in article: "HKS explores research opportunities through new nonprofit arm". Author: Jennifer Kovacs. *Healthcare Design*, December 22, 2010.
- 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: 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: 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.

Curriculum Vitae

- 2009: Cited in “Hospital Conditions”. Author: Joyce Tsai. Media: **Dallas Business Journal**. November 6, 2009.
- 2009: Listed 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.
- 2009: 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** 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

PUBLICATIONS

PUBLICATIONS – BOOK AND BOOK SECTIONS

Debajyoti Pati, Michael Pietrzak, David Vincent, Troy Ransdell, Thomas Harvey, David Duthu, Tom Franklin and Ting-Kwo George Lei. (2013). Airborne Contamination Control through Directed Airflow in the Exam Room: A Pilot Study Using a Membrane Diffuser. In Ming Chyu (ed.), Advances in Engineering for Healthcare Safety – from Surgery Ergonomics to Computational Fluid Dynamics. Essex, UK: Multi-Science Publishing Co.

Debajyoti Pati. (2013). Reducing System Waste: Measuring Staff Walking in Acute Healthcare Settings. In A. Joseph and U. Nanda (eds), Development of Tools for Healthcare Environments Research and Practice. Washington, D.C.: Environmental Design Research Association.

Debajyoti Pati. (2012). Research in Professional Practice: How a Seed Grant from the AIA Eventually Enabled the Creation of a Research Entity. AIA Report on University Research, Vol. 5. <http://www.aia.org/practicing/research/AIAB092876>

Xiaobo Quan, Eileen malone, Anjali Joseph and **Debajyoti Pati**. (2011). Healthcare Environmental Terms and Outcome Measures: An Evidence-Based Design Glossary. Concord, CA: The Center for Health Design.

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.

PUBLICATIONS - ARTICLES

Manuscripts Undergoing Peer Review

Debajyoti Pati, Shabboo Valipoor, Aimee Cloutier, and James Yang. Physical Design Factors Contributing to Patient Falls. *Journal of Patient Safety*.

Hessam Ghamari and **Debajyoti Pati**. Examining Eye Fixations during Wayfinding in Unfamiliar Environments. *Environment & Behavior*.

Debajyoti Pati, Kristi Gaines, and Shabboo Valipoor. Delivering Health under the Affordable Care Act: Are Rural Hospitals Ready? *Health Environments Research & Design Journal*.

Ravi Rajmohan, **Debajyoti Pati**, Cherif Amor, Jiancheng Hou, Shaboo Valipoor, Dan Fang, Michael O'Boyle. An fMRI Investigation of the Neural Correlates of the Restorative Effect of Nature. *Urban Forestry & Urban Greening*.

Advance Electronic Publications Before Print

Aimee Cloutier, James Yang, **Debajyoti Pati**, Shabboo Valipoor. (2016). Experimental Identification of Potential Falls in Older Adult Hospital Patients. *Journal of Biomechanics*, <http://dx.doi.org/10.1016/j.jbiomech.2016.02.012i>

Debajyoti Pati, Sipra Pati and Thomas Harvey. (2015). Security Implications of Physical Design Attributes in the Emergency Department. *Health Environments Research & Design Journal*. DOI: 10.1177/1937586715626549

Shabboo Valipoor and **Debajyoti Pati**. Making Your Instruments Work for You. (2015). *Health Environments Research & Design Journal*. DOI: 10.1177/1937586715601423.

Debajyoti Pati, Michael O'Boyle, Jiancheng Hou, Upali Nanda, and Hessam Ghamari. (2016). Can Hospital Form Trigger Fear Response? *Health Environments Research & Design Journal*. DOI: 10.1177/1937586715624210

Published Articles

Debajyoti Pati. (2016). A new view on patient falls. *Healthcare Design Magazine*, (16)1, 48-50.

Debajyoti Pati, Patricia Freier, Michael O'Boyle, Cherif Amor, and Shabboo Valipoor. (2016). The Impact of Simulated Nature on Patient Outcomes: A Study of Photographic Sky Compositions. *Health Environments Research & Design Journal* 9(2), 36-51. DOI: 10.1177/1937586715595505.

Debajyoti Pati and Pamela Redden. (2015). Does The Decentralized Nursing Model Deliver? *Healthcare Design Magazine*, August 6, 2015, <http://www.healthcaredesignmagazine.com/article/does-decentralized-nursing-model-deliver?spMailingID=49324460&spUserID=MTIwOTA2ODEzODY2S0&spJobID=742285386&spReportId=NzQyMjg1Mzg2S0>

Debajyoti Pati, Thomas Harvey, Douglas Willis, and Sipra Pati. (2015). Identifying Elements of the Healthcare Environment that Contribute to Wayfinding. *Health Environments Research & Design Journal*, 8(3), 44-67.

Debajyoti Pati, Thomas Harvey, Pamela Redden, Barbara Summers and Sipra Pati. (2015). An Empirical Examination of the Impacts of Decentralized Nursing Unit Design. *Health Environments Research & Design Journal* 8(2), 56-70.

Aimee Cloutier, James Yang, **Debajyoti Pati**, Shabboo Valipoor, Brandon Snailer and Jerrod Holler. (2015). Identifying Possible Patient Slips and Falls Using Motion Capture Experiments. Proceedings of the ASME 2015 International Design Engineering Technical Conferences & Computers and Information in Engineering Conference, Boston, MA, August 2-5, 2015.

Debajyoti Pati and Sipra Pati. (2014, October). Designing Navigation Friendly Hospitals. *Asian Hospital and Healthcare Management*. http://www.asianhnm.com/facilities_operations/designing-navigation.html

Debajyoti Pati, Thomas Harvey, and Sipra Pati. (2014). Physical Design Correlates of Efficiency and Safety in Emergency Departments. *Critical Care Nursing Quarterly*, 37(3), 299-316.

Debajyoti Pati. (2014). Unique Neural Correlates of Nature Stimuli. *World Health Design*, April 2014.

Debajyoti Pati, Michael O'Boyle, Cherif Amor, Jiancheng Hou, Shabboo Valipoor, and Dan Fang. (2014). Neural Correlates of Nature Stimuli: A fMRI Study. *Health Environments Research and Design Journal*, 7(2), 9-28.

Mohamed Amor, Michael O'Boyle, **Debajyoti Pati**, Duy Pham, and Jiancheng Hou. (2014, Nov 18-19). Neurophysiological Biomarkers informing Architecture and Design: A Comparative Analysis of Neural and Behavioral Data for ADHD Populations. Refereed full paper, Qatar Foundation Annual Research Conference. Vol. 1, SSPP0852, DOI: 10.5339/qfarc.2014.SSPP0852.

Upali Nanda, **Debajyoti Pati**, Hessam Ghamari and Robyn Bajema. (2013). Lessons from neuroscience: form follows function, emotions follow form. *Intelligent Buildings International*, 5(1), 61-78. DOI:10.1080/17508975.2013.807767.

Debajyoti Pati, Michael Pietrzak, Thomas Harvey, Clarles McCall, Walter Armstrong, Robert Clarke, Neil Weissman, Paul Rapp, Ella Franklin, Frank Weinberg, Mark Smith, Beth Benner, Rollin Fairbanks, Jeffrey Collins. (2013). Advancing Translational Research through Facility Design. *Health Environments Research and Design Journal*, 6(3),126-137.

Debajyoti Pati and Sipra Pati. (2013). Methodological Issues in Conducting Post-Occupancy Evaluations to Support Design Decisions. *Health Environments Research and Design Journal*, 6(3),157-163.

Debajyoti Pati, Jennie Evans, Thomas E Harvey, Doig Bazuin. (2012). Extraneous Factors Impeding Flexible Inpatient Unit Design. *Health Environments Research and Design Journal*, 6(1), 83-104.

Debajyoti Pati, Thomas E Harvey, Terry Thurston. (2012). Estimating Design Impact on Waste Reduction: Examining Decentralized Nursing. *JONA*, 42(11), 513-518.

Debajyoti Pati, Carolyn Cason, Thomas Harvey, Jennie Evans and Andrea Erwin. (2012). The Biomechanics of Patient Room Standardization. *Health Environments Research & Design Journal*, 5(2), 29-45.

Debajyoti Pati. (2012). Generating Evidence from Day-To-Day Activities: Methodological Issues Part-II. *Health Environments Research & Design Journal*, 5(2), 117-121.

Debajyoti Pati and Thomas Harvey. (2012). Keeping Watch: Design features to aid patient and staff visibility. *Health Facilities Management*, 25(6), 27-31.

Debajyoti Pati and Sipra Pati. (2012). Designing for Patient Safety. *Hospitalinfrabiz Magazine*.
<http://www.hospitalinfrabiz.com/designing-for-patient-safety.html>

Debajyoti Pati. (2011). Generating Evidence from Day-To-Day Activities: Methodological Issues Part-I. *Health Environments Research & Design Journal*, 5(1), 120-124.

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

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

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

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.

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, 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, 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. Accessible at Advance for Nurses website: <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. (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.

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.

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.

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, 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.

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.

PUBLICATIONS - SUMMARIES

(Produced under a contract with the American Institute of Architects)

(Available at <http://network.aia.org/AcademyofArchitectureforJustice/Home/Research>)

Debajyoti Pati, Andrea Wade and Sipra Pati. (2012). Summary of: Debajyoti Pati, Mahbub Rashid, Craig Zimring. (2010). Occupants' Perception of Openness in Federal Courthouses. *Journal of Architectural and Planning Research*, 27(3), 257-269.

Debajyoti Pati, Kate Haenchen and Sipra Pati. (2012). Summary of: Anne Maass, Ilaria Merici, Erica Villafranca, Rosaria Furlani, Elena Gaburro, Anna Getrevi, and Margherita Masserini. (2000).

Intimidating Buildings: Can Courthouse Architecture Affect Perceived Likelihood of Conviction? *Environment & Behavior*, 32(5), 674-683.

Debajyoti Pati, Kate Haenchen and Sipra Pati. (2012). Summary of: E. Frances Kuo and C. William Sullivan. (2001). Environment and Crime in the Inner City: Does Vegetation Reduce Crime? *Environment & Behavior*, 33(3), 343-367.

Debajyoti Pati, Kate Haenchen and Sipra Pati. (2012). Summary of: Henrik S. Andersen, D. Sestoft, T. Lilleb nk, G. Gabrielsen, R. Hemmingsen, P. Kramp. (2000). A Longitudinal Study of Prisoners on Remand: Psychiatric Prevalence, Incidence and Psychopathology in Solitary Vs. Non-Solitary Confinement. *Acta Psychiatrica Scandinavica*, 102, 19-25.

Debajyoti Pati, Kate Haenchen and Sipra Pati. (2012). Paul B. Paulus and Mary T. Dzindolet. (1993). Reactions of Male and Female Inmates to Prison Confinement: Further Evidence for a Two-Component Model. *Criminal Justice and Behavior*, 20(2), 149-166.

Debajyoti Pati, Kate Haenchen and Sipra Pati. (2012). Jay S. Rice and Linda L. Remy. (1998). Impact of Horticultural Therapy on Psychosocial Functioning Among Urban Jail Inmates. *Journal of Offender Rehabilitation*, 2(3/4), 169-191.

Debajyoti Pati, Kate Haenchen and Sipra Pati. (2012). Richard Wener, William Frazier, and Jay Farbstein. (1985). Three Generations of Evaluation and Design of Correctional Facilities. *Environment & Behavior*, 17(1), 71-95.

Debajyoti Pati, Hessam Ghamari and Sipra Pati. (2012). Jay Farbstein, Melissa Farling, Richard Wener. (2009). Effects of a Simulated Nature View on Cognitive and Psycho-Physiological Responses of Correctional Officers in a Jail Intake Area. Washington, D.C.: National Institute of Corrections.

Debajyoti Pati, Hessam Ghamari and Sipra Pati. (2012). Ernest O. Moore. (1989). Prison Environments and their Impact on Older Citizens. *Journal of Offender Counseling Services & Rehabilitation*, 13(2), 175-191.

PRESENTATIONS

PRESENTATIONS - KEYNOTES AND INVITED TALKS

2015: Faculty Research Club (October 30).

2015: "Way to Love Numbers". TTU Statistical Consulting Lecture Series, Graduate Student Advising Council (GSAC), Texas Tech University. January 29, 2015.

2013: "Truth, Lies and Research". Invited keynote speaker. Healthcare Design Academy, Dallas, TX. August 8 - 9, 2013. (Regional)

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. (National)

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. (National)

- 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. (Regional)
- 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: "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. (National)
- 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. (National)
- 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.
- 2002: 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. (International)

PRESENTATIONS - WEBINARS AND WEBCASTS

- Debajyoti Pati** and Thomas Harvey. (2015). An Empirical Examination of the Impacts of Decentralized Nursing Unit Design. EBD Journal Club webinar series, Center for Health Design, September 2, 2015.
- Debajyoti Pati**. (2013). An empirical examination of patient room handedness in acute medical-surgical settings. EBD Journal Club webinar series, Center for Health Design, March 6, 2013.
- 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, 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-B525-8A357CB124B0FECE>.

PRESENTATIONS - REFEREED ACADEMIC CONFERENCE ORAL PRESENTATIONS

Ahmad Alansari and **Debajyoti Pati**. (2015). Redesigning a Cardiac Intensive Care Unit through Employing an Evidence-Based Design Approach. IDEC Southwest Regional Conference 2015. Fort Collins, Colorado. (Regional)

Aimee Cloutier, James Yang, **Debajyoti Pati**, Shabboo Valipoor, Brandon Snailer, and Jerrod Hollers. (2015). Motion Capture Experiment and Data Analysis for Identifying Potential Patient Falls in a Hospital Bedroom and Bathroom Setting. 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015), Las Vegas, July 26-30, 2015. (International)

Hessam Ghamari and **Debajyoti Pati**. (2015). Examining Eye Fixations during Wayfinding in Unfamiliar Environments. EDRA, Los Angeles, May 27-30, 2015. (International)

Michelle Pinson, Kristi Gaines and **Debajyoti Pati**. (2015). The Physiological Effects of Window Decals on Pediatric Patients. IDEC conference, Forth Worth, TX, March 12-14, 2015. (National)

Hessam Ghamari and **Debajyoti Pati**. (2015). Visual Environmental Attributes Contributing to Wayfinding in Unfamiliar Environments. IDEC conference, Forth Worth, TX, March 12-14, 2015. (National)

Cherif M. Amor, Michael O'Boyle, **Debajyoti Pati**, Hou Jiancheng and Duy Pham. (2015). Use of Neuroscience in Interior Design: Impact of Lighting Color Temperature on Attention Deficit Hyperactivity Disorder (ADHD) Subjects. IDEC conference, Forth Worth, TX, March 12-14, 2015. (National)

Rehab Aburas, **Debajyoti Pati**, Kristi Gaines, N. Gilinsky, Robert Casanova. (2014). Birthing in Nature. International Conference on Architecture and Civil Engineering, Dubai (UAE), December 2014. (International)

Debajyoti Pati, Michael O'Boyle, Upali Nanda, Jiancheng Hou, Hessam Ghamari, and Robyn Bajema. (2014). An fMRI-Based Exploration of Neural Correlates of the 'Formal' Environmental Attributes of Healthcare Settings. Academy of Neuroscience for Architecture (ANFA) Conference, San Diego, CA, September 18-20. (International)

Rehab Aburas and **Debajyoti Pati**. (2014). Examining the Influence of Nature Stimulus in Enhancing Labor Experience in LDR Units. EDRA, New Orleans, May 28-May 31. (International)

Debajyoti Pati, Michael O'Boyle, Upali Nanda, Kathy Hathorn, Robyn Bajema, and Hessam Ghamari. (2014). Do Curves Matter? An fMRI-Based Examination of Neural Reactions to Contours. EDRA, New Orleans, May 28-May 31. (International)

Jill Pable, Michelle Ossmann, Sheila J. Bosch, Erin Peavey, Upali Nanda, **Debajyoti Pati**, Rana Zadeh, Lyn D. Geboy, Patricia Morrill, Amy Keller, Laurie Waggener, Andrew Alden, Mark Proffitt. (2014). Pragmatic Design Research: Emerging Theories and Methods in Practice. EDRA, New Orleans, May 28-May 31. (International)

Cherif M. Amor; Michael O'Boyle; **Debajyoti Pati**; Duy Q. Pham. (2014). Use of Neuroscience in Design: A Comparative Analysis of Neural and Behavior Outcomes. EDRA, New Orleans, May 28-May 31. (International)

Kristi Gaines and **Debajyoti Pati**. (2013). Rural Healthcare Facilities: The Association between the Physical Environment and Safe, Efficient, and Quality Care. IDEC Southwest Regional Conference, Norman, OK, October 17-19. (Regional)

Michelle Pinson, Kristi Gaines, **Debajyoti Pati** and Melinda Colwell. (2013). The role of altered window views on feelings and preferences of pediatric patients and parents. IDEC Southwest Regional Conference, Norman, OK, October 17-19. (Regional)

Debajyoti Pati, Cherif Amor, Michael O'Boyle, Shabboo Valipoor, Hessam Ghamari. (2013). Exploring Neural Correlates of the Sky View. EDRA international conference, Providence, RI, May 29 – June 1. (International)

Debajyoti Pati and Kristi Gaines. (2013). Rural Healthcare: A Framework for Design Research. EDRA international conference, Providence, RI, May 29 – June 1. (International)

Debajyoti Pati, Cherif Amor, Michael O'Boyle and Shabboo Valipoor. (2013). Neuro-Imaging and Interior Design: Symbiosis between Design and Brain Mapping. IDEC Conference, Indianapolis, IN, February 17-19. (National)

Cherif Amor, **Debajyoti Pati** and Michael O'Boyle. (2013). Interior Architecture and Neuro-Imaging: Adding to the Body of Knowledge? International Conference on Art and Humanities, Honolulu, Hawaii, Jan 11-14. (International)

Upali Nanda and **Debajyoti Pati**. (2012). Lessons from Neuroscience: Building Blocks for Charting New Frontiers. ANFA (Academy of Neuroscience for Architecture) conference, San Diego, CA, September 20 – 22. (International)

Debajyoti Pati and Tom Harvey. (2012). Extraneous and Peripheral Factors that can Stifle Designing for Flexibility in Healthcare. EDRA 2012, Seattle, WA. May 30 – June 2. (International)

Debajyoti Pati. (2012). Reducing System Waste: Measuring Staff Walking in Acute Healthcare Settings. Presentation as part of a full day intensive titled "Development of Tools for Healthcare Environments Research and Practice". EDRA 2012, Seattle, WA. May 30 – June 2. (International)

Cherif Amor and **Debajyoti Pati**. (2012). Symbiosis between Design Concepts and Creativity:

An Evidence-Based Design Approach. IDEC Conference, Baltimore, MD, March 19 – 22. (National)

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. (International)

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. (International)

Cherif Amor; **Debajyoti Pati**; Verick Walker, Emily Guilford; Jill Pable. (2011). Evidence-Based Design: What Kind of Conceptual Framework? IDEC conference, Denver CO, March 16-19. (National)

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. (International)

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

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

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

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

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. (International)

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. (International)

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

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. (International)

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. (International)

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. (International)

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

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. (National)

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. (International)

Debajyoti Pati. (2005). Interfacing E-B Research and Building Design: Revisiting POEs through a Conceptual Modeling Approach within the Performance Framework. EDRA 36, Vancouver, Apr27-May 1. (International)

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. (International)

PRESENTATIONS - REFEREED ACADEMIC CONFERENCE POSTER PRESENTATIONS

Duy Pham, Jianchen Hou, Ravi Rajmohan, **Debajyoti Pati**, Michael O'Boyle, Cherif Amor. (2015). The Effects of Lighting Conditions on the Attention Deficit Hyperactivity Disorder (ADHD) Brain: An fMRI Study. American Association for the Advancement of Science (AAAS) national conference. San Jose, CA, February 14, 2015. (National)

Debajyoti Pati, Patricia Frier, Susan Sayari, Shabboo Valipoor, Misty Zachery, and Gary Davis. (2014). Does the Ceiling View from a Hospital Bed Matter: An Empirical Comparison of Two Visual Conditions. EDRA, New Orleans, May 28-May 31. (International)

Haithem El-Hammali and **Debajyoti Pati**. (2013). An Evidence-Based Design Approach for Redesigning an Emergency Department. EDRA international conference, Providence, RI, May 29 – June 1. (International)

Marwa Abdelmonem and **Debajyoti Pati**. (2013). Reducing Depression Through Increasing Autonomy Among Elders in Nursing Homes. EDRA international conference, Providence, RI, May 29 – June 1. (International)

Angela Bourne, Kristi Gaines and **Debajyoti Pati**. (2013). A Conscientious Neurosensitive Approach to the Design of Therapeutic Environments. EDRA international conference, Providence, RI, May 29 – June 1. (International)

Haithem El-Hammali and **Debajyoti Pati**. (2013). Redesigning an Emergency Department Waiting Area Using an Evidence-Based Approach. International Conference on Arts and Humanities, Honolulu, Hawaii. Jan 11 – Jan 14. (International)

Haithem El-Hammali and **Debajyoti Pati**. (2012). Redesigning an Emergency Department Waiting Area Using an Evidence-Based Approach. EDRA International Conference, Seattle, WA. May 30 – June 2. (International)

Islam Obeidat, Saif Obeidat and **Debajyoti Pati**. (2012). Evidence-Based Design towards Sustainable School Clinics. EDRA International Conference, Seattle, WA. May 30 – June 2. (International)

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

PRESENTATIONS - REFEREED INDUSTRY CONFERENCE ORAL PRESENTATIONS

Debajyoti Pati, Shabboo Valipoor, Aimee Cloutier, and James Yang. (2016). Physical Design Strategies to Reduce Patient Falls. European Healthcare Design Conference. London, UK, June 27-28, 2016.

Debajyoti Pati, Thomas Harvey, Mary Grace Rey and Shabboo Valipoor. (2015). Capturing the Fall Moment—The Dirty Hand of Physical Design. Healthcare Design Conference & Expo. Washington, D.C., November 14-17. (National)

Angela Bourne, Kristi Gaines, **Debajyoti Pati**, and Robin Loel. (2015). Neuro-considerate Environments for Adults with Intellectual Development Diversities: An Integrated Design Approach to Support Well-Being. Healthcare Design Conference & Expo. Washington, D.C., November 14-17. (National)

Debajyoti Pati, Michael O’Boyle, Upali Nanda, Jiancheng Hou and Hessam Ghamari. (2015). Neural Reactions to Contours in Healthcare Settings. Design & Health World Congress. Hong Kong, China, July 14-19. (International)

Debajyoti Pati. (2014). Neural Correlates of Nature Stimuli. Design & Health World Congress. Toronto, Canada, July 9-13. (International)

Debajyoti Pati, Phyllis Kaplan, Thomas Harvey and Sipra Pati. (2014). Toward a Navigation-Friendly Hospital—Where to Bank Your Investment. Healthcare Design Conference, San Diego, CA, November 15-18. (National)

Debajyoti Pati, Upali Nanda, Jiancheng Hou, and Hessam Ghamari. (2014). Do Curves Matter? An fMRI Examination of Neural Reactions to Formal Attributes of Healthcare Environments. Healthcare Design Conference, San Diego, CA, November 15-18. (National)

Debajyoti Pati, Susan Sayari, Patricia Freier, and Shabboo Valipoor. (2014). In the Lap of Nature—Benefits of Nature Stimulus in Patient Room Ceilings. Healthcare Design Conference, San Diego, CA, November 15-18. (National)

Rehab Aburas, **Debajyoti Pati**, Robert Casanova, and Nicole Adams. (2014). Natural Visual Stimuli—Creating Positive Birthing Experiences. Healthcare Design Conference, San Diego, CA, November 15-18. (National)

Debajyoti Pati and Upali Nanda. (2014). The Courtship of Neuroscience and Design: An Emerging Domain for Health Care Design Evidence. ASHE-PDC conference, Orlando, FL, March 16-19. (National)

Debajyoti Pati, Phyllis Kaplan, Thomas Harvey and Sipra Pati. (2013). Lost in the Hospital—What Environmental Information Do We Seek? Healthcare Design conference, Orlando, FL, November 16-19. (National)

Debajyoti Pati and Michael O’Boyle. (2013). The Secret of the Human-Nature Love Affair: Understanding the Neural Underpinnings. Design & Health World Congress, Brisbane, Australia, July 10-14. (International)

Debajyoti Pati, Michael O’Boyle and Cherif Amor. (2012). The Brain-Nature Love Affair: A Deep Dive into the Neural Mechanisms Triggering Salutogenic Responses to Nature. Healthcare Design conference, Phoenix, AZ, November 3 – 6. (National)

Phyllis Kaplan, Thomas E. Harvey and **Debajyoti Pati**. (2012). Fostering Innovation in the Military Health System. Healthcare Design conference, Phoenix, AZ, November 3 – 6. (National)

Phyllis Kaplan, Thomas E. Harvey and **Debajyoti Pati**. (2012). Fostering Innovation in the Military Health System. Healthcare Facilities Symposium & Expo, Chicago, IL, October 2 – 4. (National)

Debajyoti Pati, Barbara Summers and Pamela Redden. (2012). Retaining the Caring Presence and Healing Touch in New Generation Asian Hospitals: Learning from the American Experiment. Design & Health World Congress. Kuala Lumpur, Malaysia, June 27 – July 1. (International)

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. (National)

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

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. (National)

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

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. (National)

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. (National)

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. (National)

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. (National)

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. (National)

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. (National)

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. (National)

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. (National)

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. (National)

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. (National)

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. (National)

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. (National)

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. (National)

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

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

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

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. (National)

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. (National)

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. (National)

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. (National)

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. (National)

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

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. (Regional)

PRESENTATIONS - REFEREED INDUSTRY CONFERENCE POSTER PRESENTATIONS

Debajyoti Pati, Thomas Harvey, Mary Grace Rey and Shabboo Valipoor. (2015). Capturing the Fall Moment—The Dirty Hand of Physical Design. Healthcare Design Conference & Expo. Washington, D.C., November 14-17. (National)

Debajyoti Pati, Phyllis Kaplan, Thomas Harvey and Sipra Pati. (2014). Toward a Navigation-Friendly Hospital—Where to Bank Your Investment. Healthcare Design Conference, San Diego, CA, November 15-18. (National)

Debajyoti Pati, Upali Nanda, Jiancheng Hou, and Hessam Ghamari. (2014). Do Curves Matter? An fMRI Examination of Neural Reactions to Formal Attributes of Healthcare Environments. Healthcare Design Conference, San Diego, CA, November 15-18. (National)

Debajyoti Pati, Susan Sayari, Patricia Freier, and Shabboo Valipoor. (2014). In the Lap of Nature—Benefits of Nature Stimulus in Patient Room Ceilings. Healthcare Design Conference, San Diego, CA, November 15-18. (National)

PRESENTATIONS – NON-REFEREED INDUSTRY CONFERENCE ORAL PRESENTATIONS

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

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. (National)

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. (International)

SUCCESSFUL FUNDED RESEARCH STUDIES AT TTU

An Objective Evaluation of Patient Seating Solutions to Reduce Falls in the Elderly Population.

Funds: Herman Miller (\$2,750)

Team: Pati, D. (PI; 100%), Shabboo Valipoor (RA).

Period: June 2015 – May 2016

Identifying and Examining Micro Physical Environment Factors Contributing to Patient Falls.

Funds: National Patient Safety Foundation (\$99,993)

Team: Pati, D. (PI; 70%), Yang, J. (Co-PI; 30%)

Period: September 2013- May 2015

Collaborator/s: TTU Department of Mechanical Engineering; Covenant Hospital, Lubbock, TX; HKS Architects, Dallas, TX

An fMRI-Based Exploration of Neural Correlates of ‘Formal’ Environmental Attributes in Healthcare Settings

Funds: REDCenter, American Art Resources and Rockwell Foundation (\$28,812)

Team: Pati, D. (PI; 80%), O’Boyle, M. (Co-PI; 20%)

Period: June 2013- August 2014

Collaborator/s: TTU Department of Human Development and Family Studies; American Art Resources, Houston, TX

Impact of Fluorescent Lighting Spectral Energy Distribution on Neurodiverse Populations: A Comparative Analysis of Neural and Behavior Outcomes

Funds: College of Human Sciences Internal Grant (\$10,000)

Team: O’Boyles, M. (PI; 0%), Pati, D. (Co-PI; 50%); Amor, C. (Co-PI; 50%)

Period: August 2013- July 2014

Examining the Behavioral and Brain Responses to Photographic Sky Compositions

Funds: The Sky Factory (\$49,999)

Team: Pati, D. (PI; 60%); O’Boyle, M. (Co-PI; 20%); Amor, C. (Co-PI; 20%)

Period: September 2011 to August 2014

Collaborator/s: TTU Department of Human Development and Family Studies; Covenant Hospital, Lubbock, TX

Creation of Evidence-Based Design (EBD) knowledge summaries for the American Institute of Architects

Funds: AIA (American Institute of Architects; \$5,000)

Team: Pati, D. (PI; 100%)

Period: January 2012 to June 2012

An Integrative Approach to the Design of Independent Living Environments for Adults with Intellectual and Developmental Disabilities

Funds: ASID (American Society of Interior Designers; \$35,000)

Team: Gaines, K. (PI; 50%); Pati, D. (Co-PI; 50%)

Period: January 2012 to December 2013

Develop a Framework of Healthcare Design Research Issues in Rural Healthcare Facilities

Funds: College of Human Sciences Internal Grant, Texas Tech University (\$10,000)

Team: Pati, D. (PI; 50%); Gaines, K. (Co-Pi; 50%)

Period: January 2012 to August 2012

GRANT PROPOSAL SUBMITTED

A Multi-dimensional Measurement of Factors Contributing to Physical Inactivity in Rural America - A Case Study of Lubbock, TX

Funds: TTU Seed Grant for Interdisciplinary Research (SGIR), 2016-17 (\$144,021)

Team: Pati, D. (Lead PI), Luo, Y. (Co-PI), Pentecost, R. (Co-PI)

Anticipated Project Period: April 2016 – May 2017

Submitted: February 29, 2016

Develop a Prioritized List of Physical Design Interventions to Reduce Patient Falls

Funds: AHRQ PA-15-147 (\$99,905)

Team: Pati, D. (PI), Lee, J. (Co-PI)

Anticipated Project Period: September 2016 – August 2017

Submitted: February 15, 2016

Designing Emergency Departments to Provide Efficient, Patient-Centered Care: An Analysis of Split Flow and Sub-Waiting Area Models

Funds: Academy of Architecture for Health Foundation and The Emergency Medicine Foundation (\$79,999)

Team: Wiler, J. (PI); Lennon, J. (Co-Pi)

Other Team Members: Houshiarian, N. (AI); Easter, B. (AI); Pati, D. (consultant)

Anticipated Project Period: July 2016 – June 2017

Submitted: February 12, 2016

The Impact of Visibility on Teamwork in Emergency Departments.

Funds: Academy of Architecture for Health Foundation and The Emergency Medicine Foundation (\$36,800)

Team: Hamilton, K. (PI); Prater, S. (Co-Pi)

Other Team Members: Gharaveis, A. (Co-I); Pati, D. (consultant); Zhou, L. (consultant)

Anticipated Project Period: June 2016 – May 2017

Submitted: February 12, 2016

UNSUCCESSFUL GRANT APPLICATIONS AT TTU

An Objective, Quantitative Ergonomic Evaluation of Patient Seating Solutions to Reduce Falls in the Elderly Population.

Funds: American Society of Interior Designers (\$41,913)

Team: Pati, D. (PI)

Anticipated Project Period: March 2015 – December 2015

Development of Book and Instructional Videos for the Research Framework (RF) and Fast Track Study Framework (FT).

Funds Requested From: US Department of Defense (\$304,105)

Team: Pati, D. (PI; 72%), Gardner, L. (Co-PI; 22%), Cummins, G. (Co-PI; 6%)

Anticipated Project Period: October 2014- September 2016

Collaborator/s: TTU College of Media and Communications

Examining the Influence of Nature Stimulus in Enhancing Labor Experience in LDR Units

Funds: Center for Health Design (\$ 9,026)

Team: Pati, D.; Aburas, R. (Grant application made to support doctoral research of Ms. Aburas)

Date: January 2014

Examining Eye Fixation During Wayfinding

Funds: Center for Health Design (\$ 10,000)

Team: Pati, D.; Ghamari, H. (Grant application made to support doctoral research of Mr. Ghamari)

Date: January 2014

Develop protocol and instrument for evaluating the performance of acute care health facilities.

Funds: TTU, FY2012 Internal Competitive Funding Opportunity (\$ 20,000)

Team: Pati, D.(PI); Amor, C. (Co-PI)

Date: October, 2011

RESEARCH CONSULTING WORK IN CURRENT POSITION AT TTU

Comprehensive Interstitial Building Systems Study for the Military Health System.

Entity: NIKA Architects + Engineers

Role: Expert Advice on MHS Research Framework

Period: January 2015 to September 2015

Identifying Elements of the Healthcare Environment that Contributes to Way-Finding

Funds: US Department of Defense (Part of a larger contract with HKS, Inc.)

Role: PI

Period: January 2013 to December 2013

Collaborator/s: Texas Health Presbyterian Hospital, Dallas, TX

Establish MHS's (Military Health System) Facility Innovation & Research Model (FIRM)

Funds: US Military Health System, Department of Defense (\$900,000)

Contract Holder: CADRE and HKS Architects

Role: Coordination and Subject Matter Expertise; Validation Studies PI

Period: November 2011 to December 2013

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

Funds: Facilities Guidelines Institute (\$35,000)

Contract Holder: CADRE

Role: Coordination and Subject Matter Expertise

Period: May 2011 to October 2011

PAST RESEARCH STUDIES

Examine the Impact of Inpatient Unit Decentralization on Staff Communication Collaboration and Process Efficiencies

Funds: HKS Architects

Role: PI

Period: January 2011 to December 2011

Location: MD Anderson Cancer Center

Collaborators: MD Anderson Cancer Center, University of Kansas

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

Funds: Academy of Architecture for Health Foundation (AAHF) Research Grant and Herman Miller Grant (\$35,000)

Role: PI

Period: January 2010 to December 2011

Location: Four emergency departments across the United States

Collaborators: Synurgy Healthcare Solutions

Systemic and Cultural Factors Impeding Designing for Operational Flexibility

Funds: Herman Miller Grant (\$10,000)

Role: PI

Period: January 2009 to May 2010 (complete)

Location: Five acute care hospitals across the United States

Advancing Translational Research through Facility Design (Expert Roundtable)

Funds: HKS Architects

Role: Coordination and PI

Period: November 6, 2010 (complete)
Collaborator: MedStar Institute for Innovation (MI2)
Location: Washington Hospital Center, MedStar Health, Washington, DC.

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

Funds: Herman Miller Grant (\$10,000)
Role: PI
Period: January 2008 to August 2009 (complete)
Collaborator: The Research and Education Institute of the Texas Health Resources (THR)
Location: THR system hospitals

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

Funds: Academy of Architecture for Health Foundation (AAHF) Research Grant and Herman Miller Grant (\$20,000)
Role: PI
Period: December 2007 to May 2009 (complete)
Collaborator: University of Texas Arlington, School of Nursing
Location: UTA Smart Hospital

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

Funds: HKS Architects
Role: PI
Period: October 2007 to December 2008 (complete)
Collaborator: Integris Baptist Medical Center, Oklahoma City
Location: Integris Baptist Medical Center, Oklahoma City

Influence of positive distractions on children in hospital waiting areas

Funds: American Art Resources, Catherine Meyers Ambient Art™, Henry Domke Fine Art, Mohawk, Gail Nash (\$5,000)
Role: PI
Period: January 2008 to August 2009 (complete)
Collaborator: American Art Resources, Children's Medical Center Dallas
Location: Children's Medical Center Dallas

Membrane Ceiling in the Emergency Department

Funds: HHS Grant - 6 HFPEP070012-01-02 (\$100,000)
Role: Co-PI (Pietrzak PI)
Period: October 2008 – June 2009 (complete)
Collaborator: CCRD Partners

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

Funds: AIA 2006 Research Grant and Herman Miller Grant (\$14,000)
Role: PI
Period: May 2006 to February 2007 (complete)
Collaborator: University of Texas Arlington, School of Nursing
Location: Six large U.S. hospitals

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

Funds: HKS Architects

Role: PI

Period: June 2006 to May 2007 (complete)

Collaborator: Children's Healthcare of Atlanta

Location: Children's Healthcare of Atlanta at Egleston and Scottish Rite

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

Funds: Getinge USA (\$3,250)

Role: PI

Period: December 2007 to May 2008 (complete)

Collaborator: Children's Medical Center Dallas

Location: Children's Medical Center Dallas

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

Funds: USGSA and Administrative Office of US Courts (\$1,000,000, approximately)

Role: GRA and Project Manager (Zimring PI)

Period: August 2001 – August 2005 (project continued after my relocation)

Location: 14 new federal courthouse projects

Exploring relationships between physical design and walking behavior in campus settings

Funds: NIH and CDC research grant (\$275,000, approximately)

Role: Co-author of grant proposal (Zimring PI; successful application at Georgia Tech; project continued after my relocation)

Period: November 2005 to October 2007

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

Funds: USGSA and US Courts research grant (\$250,000, approximately)

Role: GRA and Project Manager (Zimring PI)

Period: August 1999 to August 2001 (complete)

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

Period: 2003 to 2005

Doctoral Dissertation

The North American skyway systems: a post implementation evaluation

Period: 1990-1991

Masters Dissertation

PEER REVIEW ACTIVITIES

National Science Foundation (national)
As Member, Editorial Advisory Board, Health Environments Research and Design Journal (2010-)
(international)
As Member, Editorial Review Board, Health Environments Research and Design Journal (2007-2010)
(international)
As Member, Editorial Board, The Open Construction and Building Technology Journal (international)
As Member, Research Committee, College of Human Sciences, Texas Tech University (2011-)
As Member, Research Coalition, Center for Health Design (national)
Health Environments Research & Design Journal (international journal)
Intelligent Building International (international journal)
Building & Environment (international journal)
Architectural Science Review (international journal)
Environment & Behavior (international journal)
Journal of Environmental Psychology (international journal)
Facilities (international journal)
Early Childhood Services (national journal)
EDRA, 2013, Providence, RI (a peer reviewed international conference)
EDRA, 2012, Seattle, WA (a peer reviewed international conference)
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) (a peer reviewed national conference)

EDITORIAL BOARDS

2007- continuing: Editorial Board, Health Environments Research and Design Journal
2008- continuing: Editorial Board, The Open Construction and Building Technology Journal

STUDENT AWARDS

2015: Michell Pinson (doctoral student) won the Graduate Student Research Award, of the Interior
Designer Educator Council, USA.
2013: Hessam Ghamari adjudged Graduate Student of the Year, Texas Tech University, College of Human
Sciences.
2013: Michelle Pinson's research project, "The Role of Altered Window Views on Feelings and
Preferences of Pediatric Patients and Parents" received the first place graduate student award
at the Southwest IDEC conference in Oklahoma City.
2013: Michelle Pinson's research project, "The Role of Altered Window Views on Feelings and
Preferences of Pediatric Patients and Parents" received the 3rd place overall "Best Presentation"
award at the Southwest IDEC conference in Oklahoma City.

GRADUATE STUDENT ADVISING

Doctoral Dissertation Chair

- Rehab Aburas (Committee Chair – Doctoral dissertation; Graduated, 2014. *'Examining the Influence of Nature Stimulus in Enhancing Labor Experience in LDR Units'*)
- Hessam Ghamari (Committee Chair – Doctoral dissertation; Defended, November 2014. *'Examining Eye Fixations during Wayfinding in Unfamiliar Environments'*)
- Ahdab Mahdaly (Committee Chair – Doctoral dissertation; Graduated 2015 spring. *'The Influence of Visual and Direct Physical Access on the Sense of Control of Saudi Women in the Home Environment'*)
- Ahmad Alansari (Committee Chair – Doctoral dissertation; Graduated 2015 fall. *'Examining the Preparedness of Interior Design Students in Kuwait from a Global Design Firm Perspective'*)
- Haitthem El-Hammali (Committee Chair – Doctoral dissertation; Graduated 2015 summer. *'An Exploratory Examination of the Deficiencies in Building Information Modeling (BIM) Pedagogy in Addressing Contemporary Industry Need'*)
- Nizar Haddad (Committee Chair – Doctoral Dissertation; In progress)
- Shabboo Valipoor (Committee Chair – Doctoral Dissertation; In progress)
- Negin Houshiarian (Committee Chair – Doctoral Dissertation; In progress)

Doctoral Dissertation Committee Member

- Angela Bourne (Committee member – Doctoral dissertation; Graduated; 2013. *'Neuro considerate environments for adults with intellectual developmental diversities: An integrated design approach to support wellbeing'*)
- Islam Obeidat (Committee member, Doctoral dissertation; Graduated; 2013. *'Impact of collaboration on sustainability in academic settings: Collaboration between learning, application and innovation'*)
- Michelle Pinson (Committee member – Doctoral dissertation; Graduated 2014 fall. *'The Physiological Effects of Window Decals on Pediatric Patients'*)
- Marwa Abdelmonem (Committee member – Doctoral dissertation; In progress)

Master Thesis/Report Chair

- Monica Archuleta (Committee Chair – Masters report; Graduated; 2013. *'Place Attachment and Dementia in Assisted Living Facilities: Creating a sense of home'*)
- Hessam Ghamari (Committee Chair – Masters report; Graduated; 2013. *'Integration of Signage and Environmental Elements in Healthcare Facilities'*)
- Shuang Niu (Committee Chair – Masters report; Graduated 2014 fall. *'Identifying Building Types Best Suited for Adaptive Reuse as Dental Clinics in China'*)
- Nahlah Yousef (Committee Chair – Masters thesis; Graduated 2015 spring. *'Identifying Design Attributes of Public Buildings to Reflect Changing Political Ideologies of the Egyptian Government'*)
- Michell Cowart (Committee Chair – masters report; Graduated 2015 spring; *'A Design Concept for Breastfeeding in Public Venues to Address a Critical Public Health Issue'*)

Master Thesis/Report Committee Member

- Andleeb Ali (Committee member – Master report; Graduated; 2014. ‘A Sustainable Design Approach for Positive Learning Environments in Elementary School Classrooms’)
- Michelle Pinson (Committee member – Masters thesis; Graduated; 2013. ‘The role of altered window views and perceived stress on pediatric patients’)
- Diana Sabouni (Committee member – Masters thesis; Graduated; 2012. ‘Creating Therapeutic Outpatient Healthcare Facilities: Taking a Closer Look at Imaging Departments’)

AFFILIATIONS WITH PROFESSIONAL AND ACADEMIC ORGANIZATIONS

- IDEC (Interior Design Educators Council)
- ASID (American Society of Interior Designers)
- CHD (Center for Health Design)
- HERG (Health Environments Research Group)
- USGBC (US Green Building Council)
- EDRA (Environmental Design Research Association)
- IIA (Indian Institute of Architects); Fellow of IIA
- ISTE (Indian Society for Technical Education)
- CIB (International Council for Research and Innovation in Building and Construction; past member)
- AACS (Association of Applied and Clinical Sociologists; past member)
- AEI-ASCE (Architectural Engineering Institute of The American Society of Civil Engineers; past member)

SELECTED PAST PROFESSIONAL PROJECTS

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

- C.V.Raman College of Engineering Phase I, Bhubaneswar, Orissa, 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.
- Rourkela Steel Plant Civic Center, Rourkela, Orissa, India.
- Rural Museum, OUAT, 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.

TEACHING

COURSES TAUGHT IN CURRENT POSITION

Undergraduate

- ID 4000 Individual Studies
- ID 4385 Advanced Interiors
- ID 4606 Collaboration Studio

Graduate

- ENVD 5301 Graduate Research Seminar
- ENVD 5307 Internship
- ENVD 5310 Readings
- ENVD 5311 Individual Studies
- ENVD 5378 Research Methods I
- ENVD 5381 Environmental Design Analysis
- ENVD 5383 Sustainable Communities & Design
- ENVD 5386 Acute Care Design
- ENVD 6000 Master's Thesis
- ENVD 6001 Master's Report
- ENVD 6310 Research Design
- ENVD 6370 Environmental Design Technology and Development
- ENVD 6378 Research Methods II
- ENVD 6389 Environmental Design Studio
- ENVD 7000 Research
- ENVD 8000 Doctor's Dissertation

DEVELOPMENT OF NEW COURSES

- ENVD 5383 Sustainable Communities & Design
- ENVD 5386 Acute Care Design
- ENVD 6310 Research Design

STUDENT AWARDS

2015: Michell Pinson (doctoral student) won the Graduate Student Research Award, of the Interior Designer Educator Council, USA.

2013: Hessam Ghamari (doctoral student) adjudged Graduate Student of the Year, Texas Tech University, College of Human Sciences.

2013: Michelle Pinson's (doctoral student) research project, "The Role of Altered Window Views on Feelings and Preferences of Pediatric Patients and Parents" received the first place graduate student award at the Southwest IDEC conference in Oklahoma City.

2013: Michelle Pinson's (doctoral student) research project, "The Role of Altered Window Views on Feelings and Preferences of Pediatric Patients and Parents" received the 3rd place overall "Best Presentation" award at the Southwest IDEC conference in Oklahoma City.

STUDENT COMPETITION ADVISING

- 2014: Advised Hessam Ghamari for CHD New Investigator Award Grant Application.
2014: Advised Rehab Aburas for CHD New Investigator Award Grant Application.
2012: Nurture Collegiate Healthcare Design Competition (*winner*).
2011: Advised Angela Bourne for an ASID Grant Application (*successful*).

GRADUATE STUDENT PEER-REVIEWED PUBLICATIONS

Aimee Cloutier, James Yang, Debajyoti Pati, **Shabboo Valipoor**. (2016). Experimental Identification of Potential Falls in Older Adult Hospital Patients. *Journal of Biomechanics*,
<http://dx.doi.org/10.1016/j.jbiomech.2016.02.012>

Shabboo Valipoor and Debajyoti Pati. Making Your Tools Work for You. *Health Environments Research & Design Journal*.

Debajyoti Pati, Patricia Freier, Michael O'Boyle, Cherif Amor, and **Shabboo Valipoor**. Clinical and Behavioral Impacts of Exposure to Photographic Sky Compositions. *Health Environments Research & Design Journal*. (*Accepted for publication*)

Debajyoti Pati, Michael O'Boyle, Cherif Amor, Jiancheng Hou, **Shabboo Valipoor**, and Dan Fang. (2014). Neural Correlates of Nature Stimuli: A fMRI Study. *Health Environments Research and Design Journal*, 7(2): 9-28.

Upali Nanda, Debajyoti Pati, **Hessam Ghamari** and Robyn Bajema. (2013). Lessons from neuroscience: form follows function, emotions follow form. *Intelligent Buildings International*, 5(1): 61-78.
DOI:10.1080/17508975.2013.807767.

GRADUATE STUDENT CONFERENCE PRESENTATIONS

Debajyoti Pati, Mary Grace Rey, Thomas Harvey and **Shabboo Valipoor**. (2015). Capturing the Fall Moment—The Dirty Hand of Physical Design. Healthcare Design Conference & Expo. Washington, D.C., November 14-17.

Debajyoti Pati, Michael O'Boyle, Upali Nanda, Jiancheng Hou and **Hessam Ghamari**. (2015). Neural Reactions to Contours in Healthcare Settings. Design & Health World Congress. Hong Kong, China, July 14-19.

Aimee Cloutier, James Yang, Debajyoti Pati, **Shabboo Valipoor**, Brandon Snailer, and Jerrod Hollers. (2015). Motion Capture Experiment and Data Analysis for Identifying Potential Patient Falls in a Hospital Bedroom and Bathroom Setting. 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015), Las Vegas, July 26-30, 2015.

Hessam Ghamari and Debajyoti Pati. (2015). Examining Eye Fixations during Wayfinding in Unfamiliar Environments. EDRA, Los Angeles, May 27-30, 2015.

Michelle Pinson, Kristi Gaines and Debajyoti Pati. (2015). The Physiological Effects of Window Decals on Pediatric Patients. IDEC conference, March 12-14, 2015.

Hessam Ghamari and Debajyoti Pati. (2015). Visual Environmental Attributes Contributing to Wayfinding in Unfamiliar Environments. IDEC conference, March 12-14, 2015.

Cherif M. Amor, Michael O'Boyle, Debajyoti Pati, Hou Jiancheng and **Duy Pham**. (2015). Use of Neuroscience in Interior Design: Impact of Lighting Color Temperature on Attention Deficit Hyperactivity Disorder (ADHD) Subjects. IDEC conference, March 12-14, 2015.

Duy Pham, Jiancheng Hou, Ravi Rajmohan, Debajyoti Pati, Michael O'Boyle, Cherif Amor. (2015). The Effects of Lighting Conditions on the Attention Deficit Hyperactivity Disorder (ADHD) Brain: An fMRI Study. American Association for the Advancement of Science (AAAS) national conference. February 14, 2015.

Debajyoti Pati, Upali Nanda, Jiancheng Hou, and **Hessam Ghamari**. (2014). Do Curves Matter? An fMRI Examination of Neural Reactions to Formal Attributes of Healthcare Environments. Healthcare Design Conference, San Diego, CA, November 15-18.

Debajyoti Pati, Susan Sayari, Patricia Freier, and **Shabboo Valipoor**. (2014). In the Lap of Nature—Benefits of Nature Stimulus in Patient Room Ceilings. Healthcare Design Conference, San Diego, CA, November 15-18.

Rehab Aburas, Debajyoti Pati, Robert Casanova, and Nicole Adams. (2014). Natural Visual Stimuli—Creating Positive Birthing Experiences. Healthcare Design Conference, San Diego, CA, November 15-18.

Debajyoti Pati, Michael O'Boyle, Upali Nanda, Jiancheng Hou, **Hessam Ghamari**, and Robyn Bajema. (2014). An fMRI-Based Exploration of Neural Correlates of the 'Formal' Environmental Attributes of Healthcare Settings. Academy of Neuroscience for Architecture (ANFA) Conference, San Diego, CA, September 18-20.

Rehab Aburas (2014). Examining the Influence of Nature Stimulus in Enhancing Labor Experience in LDR Units. EDRA, New Orleans, May 28-May 31.

Debajyoti Pati, Michael O'Boyle, Upali Nanda, Kathy Hathorn, Robyn Bajema, and **Hessam Ghamari**. (2014). Do Curves Matter? An fMRI-Based Examination of Neural Reactions to Contours. EDRA, New Orleans, May 28-May 31.

Debajyoti Pati, Patricia Frier, Susan Sayari, **Shabboo Valipoor**, Misty Zachery, and Gary Davis. (2014). Does the Ceiling View from a Hospital Bed Matter: An Empirical Comparison of Two Visual Conditions. EDRA, New Orleans, May 28-May 31.

Michelle Pinson, Kristi Gaines, Debajyoti Pati and Melinda Colwell. (2013). The role of altered window views on feelings and preferences of pediatric patients and parents. IDEC Southwest Regional Conference, Norman, OK, October 17-19.

Debajyoti Pati, Cherif Amor, Michael O'Boyle, **Shabboo Valipoor**, Hessam Ghamari. (2013). Exploring Neural Correlates of the Sky View. EDRA international conference, Providence, RI, May 29 – June 1.

Debajyoti Pati, Cherif Amor, Michael O'Boyle and **Shabboo Valipoor**. (2013). Neuro-Imaging and Interior Design: Symbiosis between Design and Brain Mapping. IDEC Conference, Indianapolis, IN, February 17-19.

Haithem El-Hammali and Debajyoti Pati. (2013). An Evidence-Based Design Approach for Redesigning an Emergency Department. EDRA international conference, Providence, RI, May 29 – June 1.

Marwa Abdelmonem and Debajyoti Pati. (2013). Reducing Depression Through Increasing Autonomy Among Elders in Nursing Homes. EDRA international conference, Providence, RI, May 29 – June 1.

Angela Bourne, Kristi Gaines and Debajyoti Pati. (2013). A Conscientious Neurosensitive Approach to the Design of Therapeutic Environments. EDRA international conference, Providence, RI, May 29 – June 1.

Haithem El-Hammali and Debajyoti Pati. (2013). Redesigning an Emergency Department Waiting Area Using an Evidence-Based Approach. International Conference on Arts and Humanities, Honolulu, Hawaii. Jan 11 – Jan 14.

Haithem El-Hammali and Debajyoti Pati. (2012). Redesigning an Emergency Department Waiting Area Using an Evidence-Based Approach. EDRA International Conference, Seattle, WA. May 30 – June 2.

Islam Obeidat, **Saif Obeidat** and Debajyoti Pati. (2012). Evidence-Based Design towards Sustainable School Clinics. EDRA International Conference, Seattle, WA. May 30 – June 2.

FACULTY ADVISING

2015: Faculty Mentor for Dr. Chris Haddox, West Virginia University, under the WVU Big XII Fellowship Program (*successful*).

2012: Faculty 'Mentor' for the W.T Grant Scholars 2012 Application by Dr. Kristi Gaines (Assistant Professor, DoD). Titled: "An Integrative Approach to Creating Optimal Environments for Individuals with Neurodiversities" (*unsuccessful*).

INVITED EXPERT LECTURES

2016. "Beyond Safety from Fire: The Role of the Environmental Designer in Achieving High Performance, Comfortable, and Safe Environments." Laurie Waggener, WHR Architects, March 31.

2016. "Life Indoors". Rosalyn Cama, Cama Inc., March 1.

2016: "Healthcare Interior Design for Other Cultures." Ana Pinto-Alexander, HKS, Inc., February 10, 2016.

2015: "Exploring the Impacts of Design on Patient Participation in Rural Health Facilities in Appalachia." Dr. Chris Haddox, West Virginia University, November 2, 2015.

2013: "LEED". Chris Mundell, VP, HKS Architects. August 29, 2013.

2013: BIFMA/ANSI e3 Sustainability Furniture Standards. Tom Reardon, Knoll Inc. November 7, 2013.

2013: Eco Labels & Certifications. Deborah Fuller, HOK. November 12, 2013.

2013: Life Cycle Assessments. Steven Kooy. Haworth, Inc. November 14, 2013.

2013: Household Efficiency. David Birney, PhD. Texas Tech University. November 21, 2013.

2013: Understanding LEED V4. Chris Mundell, VP, HKS Architects. November 26, 2013.

2012: Green, Lean and Adaptive: What is healthcare design learning from the automobile industry? Roger B. Call, AIA, ACHA, LEED AP. Director, Healthcare Architecture+Design, Herman Miller. September 18, 2012.

2012: The Influence of Hospitality Design on Healthcare Design: Why are hospitality and healthcare designers joining hands. Iris Dates, IIDA, EDAC, LEED AP ID+C. VP and Director of Design, Healthcare Interiors, HKS Architects. October 4, 2012.

2012: An Evidence-Based Approach to Selecting Artwork: How to get the best return on investment from artwork. Kathy Hathorn, MA, EDAC, CEO, American Art Resources. October 25, 2012.

2012: Healing Artwork. Upali Nanda, PhD. VP, American Art Resources and consultant Center for Health Design. September 27, 2012.

2012: Evidence-Based Judicial Facility Design. Jay Farbstein, PhD. Jay Farbstein & Associates, Inc. January 31, 2012.

PREVIOUS COURSES TAUGHT

Visiting Professor, Department of Design, TTU

- ENVD 6389: Environmental Design Studio (Fall 2010)

Visiting Professor, College of Architecture, TTU

- Masters Studio (Spring 2011)
- Masters Studio (Spring 2010)
- Masters Studio (Spring 2009)
- Masters Studio (Fall 2008)

Graduate Teaching Assistant, University of British Columbia, Canada

- Environmental Systems and Control

Lecturer/ Assistant Professor, Biju Patnaik University of Technology, India

- Architectural Acoustics
- History of Architecture
- Contract Documents
- Urban Design
- Design Studio

SERVICE AND OUTREACH

TTU COMMITTEES

2015-2016

- College of Architecture Dean search committee (TTU level)
- Investigators Financial Disclosure Committee (TTU Level)
- India Task Force, TTU, Office of Associate Vice Provost (TTU Level)
- College of Human Sciences Research Committee (COHS Level)
- COHS Tenure & Promotion Committee (COHS Level)
- Department of Design, Annual faculty Review Committee (DoD Level)
- Department of Design Travel Committee (DoD Level)

2014-2015

- College of Architecture Graduate Program Review Committee (TTU Level)
- Investigators Financial Disclosure Committee (TTU Level)
- India Task Force, TTU, Office of Associate Vice Provost (TTU Level)
- College of Human Sciences Research Committee (COHS Level)
- Department of Design, Annual faculty Review Committee (DoD Level)

2013-2014

- India Task Force, TTU, Office of Associate Vice Provost (TTU Level)
- College of Human Sciences Research Committee (COHS Level)
- Department of Design, Chair, Graduate Faculty Search Committee (DoD Level)
- Department of Design, Department Chair Search Committee (DoD Level)
- Department of Design, Journal Rating Committee (DoD Level)

2012-13

- Selection Committee, Chancellor's Council Distinguished Research Award (TTU Level)
- College of Human Sciences Research Committee (COHS Level)
- College of Human Sciences Faculty Council (COHS Level)
- Department of Design, Department Chair Search Committee (DoD Level)

2011-12

- College of Human Sciences Research Committee (COHS Level)
- College of Human Sciences Faculty Council (COHS Level)
- Department of Design Faculty Search Committee (DoD Level)

TTU OUTREACH

2016 – TTU Graduate Faculty Excellence in Mentoring Award Evaluations (TTU Level)

2016 – DoD Spring Lecture Series (DoD Level)

2015 - Graduate School Scholarship Application Committee (TTU Level)

PEER REVIEW ACTIVITIES

As Member, Editorial Advisory Board, Health Environments Research and Design Journal (2010-)
(international)

As Member, Editorial Review Board, Health Environments Research and Design Journal (2007-2010)
(international)

As Member, Editorial Board, The Open Construction and Building Technology Journal (international)

As Member, Research Committee, College of Human Sciences, Texas Tech University (2011-)
National Science Foundation (national)

Journal of Interior Design

As Member, Research Coalition, Center for Health Design (national)

Health Environments Research & Design Journal (international journal)

Intelligent Building International (international journal)

Building & Environment (international journal)

Architectural Science Review (international journal)

Environment & Behavior (international journal)

Journal of Environmental Psychology (international journal)

Facilities (international journal)

Early Childhood Services (national journal)

EDRA, 2013, Providence, RI (a peer reviewed international conference)

EDRA, 2012, Seattle, WA (a peer reviewed international conference)

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) (a peer reviewed national conference)

PROFESSIONAL DEVELOPMENT

2003	Completed <i>Serviceability Tools & Methods (ST&M)</i> courses administered by the International Center for Facilities , Canada.
2003	Completed executive course on <i>The New American Courthouse</i> , in the Graduate School of Design, Office of Executive Education, Harvard University .
2001	Participated in forum on <i>Building Performance Assessments: Current and Evolving Practices for Post Occupancy Evaluation Programs</i> . Organized by the National Academy of Sciences , Washington, D.C., sponsored by The Federal Facilities Council.
1997	Five-day winter school on <i>Institutional Planning and Management</i> , organized by the Indian Society for Technical Education , India.
1996	Three-day program on <i>Total Quality Management in Technical Education</i> , organized by the Indian Society for Technical Education , and sponsored by the Canada India Institutional Co-operative Project, India.
1995	Eleven-day program on <i>Performance Appraisal & Development System in Technical Institutions</i> , sponsored by the Indian Society for Technical Education , India.